PROGRAM

EIGHTY-SIXTH ANNUAL MEETING

MIDWESTERN PSYCHOLOGICAL ASSOCIATION

MAY 1-3, 2014

CHICAGO

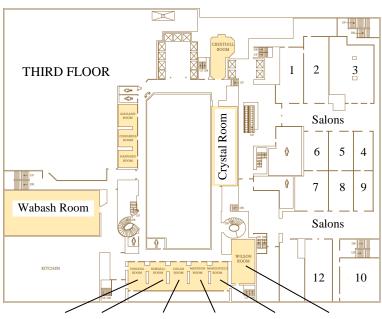
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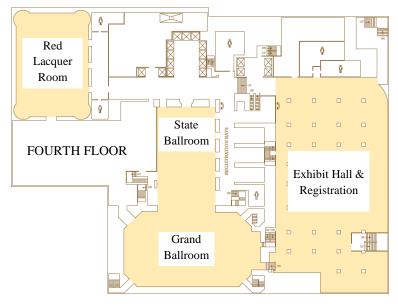
NEXT YEAR'S MEETING

April 30 - May 2, 2015, Chicago

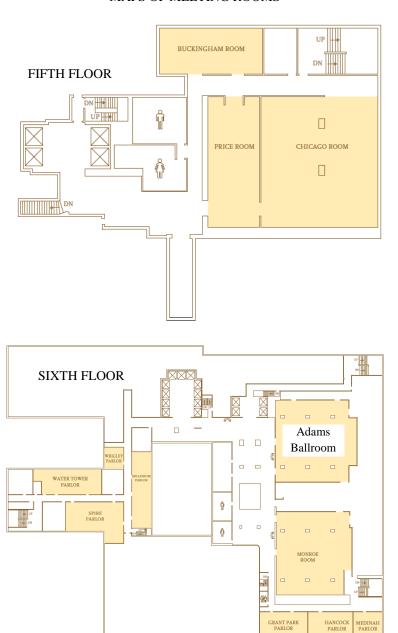
MAPS OF MEETING ROOMS



Indiana Kimball Logan Madison Marshfield Wilson



MAPS OF MEETING ROOMS



PRESIDENT'S MESSAGE

Welcome to the 86th annual MPA meeting! MPA is thriving more than ever, with membership increasing (by about 500 faculty and graduate students) to reach an all-time high of 2500+ members. Submissions to the MPA and Psi Chi programs were both strong and plentiful.

This year's program includes an exciting lineup of remarkable scientists from a variety of subdisciplines of psychology. Invited addresses covering groundbreaking research will be delivered by Drs. Sandra Murray, Aaron Benjamin, John Bargh, Ed Diener, Janet Hyde, and Sandra Graham. We have a record number of symposia (nearly 20), and over 25 invited talks during paper sessions. These addresses and talks will cover cutting-edge research across a diverse array of fields in psychology, including evolutionary, clinical, cognitive, political, social, personality, behavioral and developmental neuroscience, and more. Beyond this tremendous speaker schedule, the program is further strengthened by an outstanding collection of paper and poster presentations. In addition, a variety of excellent invited workshops are being offered on a range of topics, including structural equation modeling (Dr. Rick Hoyle), mediation/moderation (Dr. Andrew Hayes), recruiting outside of participant subject pools (Dr. Mikki Hebl), professional development, writing, and publishing. The program committee, chaired by Dr. Leslie Ashburn-Nardo, deserves special congratulations and laudatory feedback for their dedication, hard work, and organizational talents in creating this spectacular program. I thank everyone who has contributed to this program – from the program committee to faculty, graduate students, and undergraduate students – whose efforts have ensured that this meeting will be an exciting, intellectually stimulating and valuable experience for all attendees. On behalf of myself and MPA's council, I would also like to thank Dr. Robert Weis (MPA Secretary) and Dr. Phillip Finney (Convention Manager); without their considerable efforts and dedication, the MPA annual meeting would not be possible.

Enjoy the meeting!

Margo J. Monteith President

GENERAL INFORMATION

Purpose

The primary purpose of the Midwestern Psychological Association (MPA) is to promote the advancement of psychological science by conducting an annual meeting at which papers, posters, and symposia addressing psychological research may be presented.

The 2500+ members of MPA make it one of the largest regional psychological organizations. Members hold positions in universities, colleges, hospitals, clinics, school systems, business and industry, government and private practice. They teach, conduct research in laboratory, field, and industrial settings, engage in assessment and therapy, and serve as administrators and consultants. Their interests are among the most diverse in any professional association: from the physiology of vision to social stereotyping, from political psychology to medical psychology, from organizational behavior to children's language development, from memory to depression, from sex roles to drug addiction.

The MPA Annual Meeting is open to all psychologists, students, and members of the public who are interested in the scientific study psychology and in sharing the results of their findings with others.

Membership

Persons with a doctorate in psychology may join MPA by completing a membership application online: www.midwesternpsych.org. Online membership dues are \$45 for one year or \$120 for three years. Graduate students may become members with an endorsement from a faculty member. Graduate student membership is \$20 for one year. MPA's fiscal year runs July 1 through June 30; all dues expire at the end of the fiscal year. There is no geographic restriction on membership. Members whose dues are not current may renew their membership at registration.

Undergraduates cannot become members of MPA. However, undergraduates are welcome to register and attend the conference. Undergraduates should register for the meeting in advance online: www.midwesternpsych.org

Registration

All attendees should register for the meeting in advance: www.midwesternpsych.org. Advanced registration fees are \$30 for regular MPA members, \$15 for graduate student members, \$25 for undergraduates, and \$80 for all other attendees. Attendees who preregister for the meeting will have a name badge ready for them when they arrive. All other attendees can register onsite. An additional registration fee may apply to onsite registration.

Registration:

Location: Upper Exhibit Hall (Fourth Floor) Times: Thursday: 7:30AM – 4:50PM

> Friday: 8:00AM – 2:45PM Saturday: 8:00AM – 12:00PM

Access for Persons with Disabilities

The Palmer House is accessible for wheelchairs and all floors can be reached by elevator. However, the main elevators do not stop at the Exhibit Halls or the Club Floor. Persons needing assistance can contact the convention manager, Dr. Phil Finney, who will attempt to arrange a volunteer to assist them during the hours they will be attending. Please contact Dr. Finney as soon as possible to request such arrangements.

Information about Chicago

The Palmer House has concierge service in the main lobby. The concierge can help you arrange reservations and transportation to restaurants and Chicago attractions during your stay.

Location and Directions

The Palmer House is located in downtown Chicago ("the Loop") at 17 East Monroe, between State and Wabash. The phone number is (312) 726-7500.

Map of Downtown Chicago

90/94	Dearborn	State	Wabash	Michigan	Lake Shore
	Washington →				
	Madison ←				Millennium
	Monroe →	M			Park
	Adams ←		*	M	Art
	Jackson →				Institute
	290/ Congress				

Star = Palmer House Hilton M = Metra to/from airports

When taking public transportation from O'Hare International Airport, take the Blue Line train to Monroe/Dearborn stop. Take Monroe east to the hotel. The Palmer House is on the south side of the street. From Midway Airport, take the Orange Line from Midway to downtown. Get off at the Adams/Wabash stop. The Palmer House is located on the west side of Wabash Avenue.

If driving from 90/94: Take I-90/94 to Monroe Street exit, turn left on Monroe Street (east), approximately 8 blocks to the Palmer House. Hotel is on the right.

If driving from 55: Take Stevenson Expressway (I-55) northeast to Kennedy Expressway (I-90) west. Exit Monroe Street, turn right (east), 8 blocks to the Palmer House. Hotel is on the right.

Parking

Parking is available at the Mid-Continental Plaza (55 E. Monroe, across Wabash from the Palmer House). Please contact the Palmer House for the daily rate. You must get your ticket stamped at the Palmer House desk. Two-way valet parking is also available at the Wabash entrance to the hotel. Rates include in/out privileges.

Vans can be parked if their height is 6'7" or less. Larger vans can be parked in the surface lot at Van Buren and Wabash (2 blocks south). Additional lots are also available south of the Palmer House. Rates are subject to change.

Airport Connections

For information about airport connections to the Palmer House, visit the Hotel/Travel page of the MPA website. The site includes information about shuttles, public transit, and estimated cab fare to and from the airports.

Hotel Reservations

You may reserve a room at the reduced conference rate through the Hotel/Travel page of the MPA website: http://midwesternpsych.org. Staying at the Palmer House supports MPA and helps keep membership and registration costs low.

MPA Officers

President: Margo Monteith, Purdue University
Past-President: Russell H. Fazio, Ohio State University
Present-Elect: John Pryor, Illinois State University
Council Member: Amanda Diekman, Miami University
Council Member: Edward Hirt, Indiana University

Council Member: Allen R. McConnell, Miami University
Secretary: Robert Weis, Denison University

Treasurer: Daren Kaiser, Indiana University - Purdue

University Ft. Wayne

Convention Mngr: Phillip Finney, Cape Girardeau, MO

Assisting the MPA Council

Convention Affairs

Coordinator: Steve A. Nida, The Citadel

Local Rep

Coordinator: Elaine Blakemore, Indiana University-Purdue

University Fort Wayne

Program Moderator

Leslie Ashburn-Nardo Indiana University - Purdue University Indianapolis (2014)

Program Committee

Michael Bernstein - Pennsylvania State University (2013-15)

Russell Brown - East Tennessee State University (2012-14)

Jason Chan - Iowa State University (2013-15)

Tracy DeHart - Loyola University Chicago (2013-15)

Renae Franiuk - Aurora University (2012-15)

Johnathan Forbey - Ball State University (2013-15)

Helen Harton – University of Northern Iowa (2014-16)

Alycia Hund* - Illinois State University (2012 -14)

Joel Nadler – Southern Illinois University (2014-16)

Kimberly Rios – Ohio University (2013-15)

Erica Weisgram – University of Wisconsin Stevens Point (2014-16)

Ryan Yoder – Indiana University-Purdue University Fort Wayne (2014-16)

^{*} Moderator for the 2015 Annual Meeting

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Phone: 740-587-8538 Fax: 740-587-5675 Email: secretary@midwesternpsych.org

MPA thanks the Education & Science Directorates of the American Psychological Association for their financial support of this year's meeting.

MPA also thanks Ms. Nicole Feehan for her assistance in preparing the program and the Psychology Department of Denison University for its support of MPA.

NEW MPA FELLOWS

Congratulations to the 2014 MPA Fellows. Election requires evidence of significant contributions to the discipline or psychology and/or service to MPA in terms of scholarship, productivity, leadership, and visibility.

JEANETTE ALTARRIBA, University at Albany XIMENA ARRIAGA, Purdue University LESLIE ASHBURN-NARDO, Indiana University-Purdue University Indianapolis MARY CAIN, Kansas State University MING LI, University of Nebraska Lincoln SARAH MURNEN, Kenyon College

2014 GRADUATE STUDENT PAPER AWARDS

ASHA GANESAN, University of Northern Iowa Perceptions of Research Ethics among Undergraduates, Faculty, and the Public

SAYURI L. HAYAKAWA, University of Chicago The Negative Consequences of Making Decisions in a Foreign Language

JENNY KOPPEN, Northern Illinois University

Hippocampal Cholinergic Deafferentation Causes Retrograde Amnesia in

the String-pulling Task

MAUREEN MCQUILLAN, Indiana University

How Parent Behavior during Infant Object Play Can Support Learning

REBECCA A. MORRISSEY, University of Notre Dame
Maternal Pressure for Thinness and Daughters' Dieting: Does WeightStatus Matter?

JULIANA R. SCHROEDER, University of Chicago Predictors of Intergroup Attitudes in a Middle East Co-existence Program

MPA PAST PRESIDENTS

WII A I AS	TRESIDENTS
1928 Adam R. Gilliland	1971 Donald R. Meyer
1929 A. P. Weiss	1972 David Ehrenfreund
1930 Max F. Meyer	1973 Frank Restle
1931 Louis L. Thurstone	1974 M. Ray Denny
1932 Herbert Woodrow	1975 Winfred F. Hill
1933 Horace B. English	1976 William N. Dember
1934 John J. B. Morgan	1977 Nathan H. Azrin
1935 John A. McGeoch	1978 James G. Greeno
1936 Christian A. Ruckmick	1979 Rudolph W. Schulz
1937 Harvey A. Carr	1980 Donn Byrne
1938 Arthur G. Bills	1981 James A. Dinsmoor
1939 Edmund S. Conklin	1982 Kay Deaux
1940 Joy Paul Guilford	1983 Bibb Latane
1941 Elmer A. Culler	1984 Judith P. Goggin
1942 J. P. Porter	1985 June E. Chance
1943 Robert H. Seashore	1986 Leonard D. Eron
1944 No meeting	1987 Neal F. Johnson
1945 No meeting	1988 J. Bruce Overmier
1946 Sidney L. Pressey	1989 Margaret J. Intons-Peterson
1947 Dael L. Wolfle	1990 Norman K. Spear
1948 Harry F. Harlow	1991 Geoffrey Keppel
1949 B. F. Skinner	1992 Elizabeth E. Capaldi
1950 Claude E. Buxton	1993 Henry L. Roediger III
1951 William A. Hunt	1994 David C. Riccio
1952 Donald B. Lindsley	1995 Rose T. Zacks
1953 David A. Grant	1996 Ruth H. Maki
1954 Judson S. Brown	1997 Susan Mineka
1955 Paul E. Meehl	1998 Douglas L. Medin
1956 Benton J. Underwood	1999 Alice H. Eagly
1957 William K. Estes	2000 Norbert L. Kerr
1958 Delos D. Wickens	2001 Randy J. Larsen
1959 Arthur W. Melton	2002 Richard E. Petty
1960 Ross Stagner	2003 Thomas R. Zentall
1961 Marion E. Bunch	2004 Marilynn B. Brewer
1962 I. E. Farber	2005 Galen V. Bodenhausen
1963 Donald W. Fiske	2006 Ralph H. Erber
1964 G. Robert Grice	2007 Kipling D. Williams
1965 Melvin H. Marx	2008 R. Scott Tindale
1966 Carl P. Duncan	2009 Judith Elaine Blakemore
1967 Donald T. Campbell	2010 Janice Kelly
1968 James J. Jenkins	2011 Donal Carlston
1969 Edward L. Walker	2012 Mary E. Kite
1970 Harold W. Hake	2013 Russell Fazio

THURSDAY, MAY 1, 2014

Registration in Exhibit Hall 7:30AM - 4:00PM

MPA Invited Statistics Workshop

APPLICATIONS OF STRUCTURAL EQUATION MODELING IN PSYCHOLOGICAL SCIENCE

RICK H. HOYLE, Duke University rhoyle@duke.edu

Following an overview of structural equation modeling (SEM), with an emphasis on its relation to statistical methods commonly used by psychological scientists (e.g., ANOVA, factor analysis), the presenter will describe and illustrate the use of SEM for testing novel and complex hypotheses using data typical of psychological research.

Thursday, 8:30-10:20AM

Wabash

LANGUAGE

Thursday, 8:30-10:20AM

Salon 1

Moderator: JOCELYN R. FOLK, Kent State University

8:30 The Time Course of the Bilingual Advantage in the Stroop Task SARA INCERA, CONOR T. MCLENNAN, Cleveland State University; saraincera@gmail.com

We used mouse tracking to compare bilinguals and monolinguals in the Stroop task. We examined the online dynamics of the responses, in particular x-coordinates and velocity over time. In the incongruent condition (the word blue in yellow font) bilinguals performed significantly better than monolinguals, supporting the bilingual advantage hypothesis.

8:45 Some Evidence of Conceptual Metaphor Access in Non-Native **English Speakers**

KRISTA A. MILLER, GARY E. RANEY, University of Illinois at Chicago; krista.miller226@gmail.com

We explored the role of conceptual metaphors in idiom processing among native and non-native English speakers. Participants read idioms and responded to target words in a lexical decision task. Results showed some evidence supporting conceptual metaphor access during idiom processing in non-native speakers, but not in native speakers of English.

9:00 The Role of Emotion in Translation Processes: Results from Chinese-English Bilinguals

DANA M. BASNIGHT-BROWN, United States International University; JEANETTE ALTARRIBA, STEPHANIE KAZANAS, University at Albany; dana.basnightbrown@gmail.com

A translation production task was used to examine memory representation for concrete, abstract, and emotion words in Chinese-English bilinguals. Results revealed that processing speed was reduced for those items that had a more direct mapping across languages. These findings are discussed in terms of current theoretical models of bilingualism.

9:15 The Role of Word Order During Silent Reading

MICHAEL A ESKENAZI, JOCELYN R FOLK, Kent State University; maeskenazi@gmail.com

The purpose of this study was to examine the importance of word order as it relates to serial and parallel processing in silent reading. Participants read sentences with transposed and untransposed words. Reading times were significantly longer on transposed words than untransposed words, providing support for a serial processing model.

9:30 The Role of Semantics in Orthographic Learning during Reading STEPHEN M. BRUSNIGHAN, JOCELYN R. FOLK, Kent State

University; sbrusnig@kent.edu

We examined the formation of orthographic representations for novel words over several exposures during incidental word learning in reading. Memory for spellings of novel words differed based on spelling frequency, number of reading exposures, and whether words appeared in constraining semantic sentence contexts during reading.

9:45 Who Remembers Pets as Friends? Evidence from Computerized Text Analysis

MOLLY E. IRELAND, PHILIP H. MARSHALL, AUDREY M. DALTON, Texas Tech University; molly.ireland@gmail.com

Computerized text analyses show that autobiographical memories of pets and friends have more similar emotional content and language styles to the degree that individuals hold more positive attitudes towards pets. For individuals with less positive attitudes towards pets, pet memories were more negative and impersonal than were memories of friends.

10:00 Immediate and Delayed Satiation Effects with Ambiguous Words CHRISTOPHER WETHERILL, ANGELA C. JONES, John Carroll University; acjones@jcu.edu

In the current study, we investigated possible differences in semantic satiation for the dominant and subordinate meanings of biased ambiguous words. We also examined possible satiation differences using immediate and delayed relatedness judgments for satiated items.

FAMILY RELATIONSHIPS

Thursday, 8:30-10:20AM Salon 3

Moderator: SCOTT C. LEON, Loyola University Chicago

8:30 Parental Attitudes, Practices, and the Theory of Planned Behavior ERICKA L RUTLEDGE, MIKE WAGNER, Northern Illinois University; ericka321@gmail.com

Parental attitudes are often assumed to reliably predict behaviors. However, literature on attitude-behavior relations has consistently demonstrated that attitudes alone are insufficient predictors of behaviors. The present study used the Theory of Planned Behavior (TPB) as a theoretical framework to evaluate the associations between parental attitudes and practices.

8:45 Parental Role-Reversal and Later Interpersonal Problems: Gender as a Moderator

CAROLYN R. SHAINHEIT, MARGARET O'DOUGHERTY WRIGHT, SHELLEY C.M. MCKINLEY, CAROLINE H. BROWNING, Miami University;shainhcr@miamioh.edu

Role-reversal describes boundary dissolution within the parent-child relationship, and has been linked to several detrimental outcomes. Findings from a sample of 640 college men and women indicated that role-reversal with mothers and fathers predicted interpersonal problems related to unmitigated agency and unmitigated communion, and revealed moderating effects of gender.

9:00 Maternal SES and Parent-Child Positive Behaviors in Daily Life LEDINA IMAMI, ERIN T. TOBIN, HEIDI S. KANE, RICHARD B. SLATCHER, Wayne State University; cj9147@wayne.edu We investigated the effects of parental income and education on naturalistically observed positive parent-child behaviors and affect among 54 predominantly urban, low income families. Maternal education, but not

income, was associated with increased mother-child positive behaviors and affect. Maternal responsiveness mediated the effect of parental education on child positive affect.

9:15 Extended Family Involvement among Youth in the Child Welfare System

ANNE K. FULLER, GRACE JHE BAI, MICHELLE BUSCHING, SCOTT C. LEON, Loyola University Chicago; afuller@luc.edu

This study uses cluster analysis to examine patterns of extended family involvement among child welfare youth. Results indicate that family involvement is variable. Cluster membership was associated with ethnic differences as well as differential foster placement decisions. Potential implications of extended family involvement for children's well-being will be discussed.

9:30 Features and Functions of Family: Core Qualities, Entitativity, and Composition

ALLEN R. MCCONNELL, E. PAIGE LLOYD, TONYA M. SHODA, HAYLEY M. SKULBORSTAD, Miami University;

mcconnar@miamioh.edu

We assessed people's perceptions of their own family, including its core qualities, entitativity, and member composition. More entitative families exhibited more positive characteristics on all outcome measures (e.g., love, trust, honesty) whereas more dynamic families showed more focused positive outcomes (e.g., love, respect). The psychological functions of family are discussed.

9:45 Conflict in In-Law Relationships

MARIE E. HEFFERNAN, R. CHRIS FRALEY, University of Illinois at Urbana-Champaign; heffern3@illinois.edu

We examined people's conflict with their parents-in-law. Multilevel modeling suggested that relationships with mothers-in-law tended to be more problematic than relationships with fathers-in-law and that having children may increase relational strain with parents-in-law. Additionally, in-law conflict was associated with personality, communication, and relationship variables.

10:00 Testing the Buffering Model of Support in Stress Spillover ALEXANDRA CHONG, KRISTIN MICKELSON, Kent State University; DAVID ALMEIDA, Penn State University; achong@kent.edu Home and work stress spillover can be detrimental to well-being. However, few studies have explored moderating factors of the stress spillover relationship. The current study tested the buffering model of social support

in stress spillover using a national representative dataset. Results suggested that family support can help to buffer stress spillover.

SYMPOSIUM: ADVANCING EVOLUTIONARY PSYCHOLOGY

Thursday, 8:30-10:20AM Salon 5/8 Moderators: DANIEL J. KRUGER, University of Michigan; ERIC D. WESSELMANN, Illinois State University

We present research demonstrating three distinct ways in which to advance psychological research from in an evolutionary framework. The first study validates the cross-cultural comprehension of core constructs in evolutionary biology related to human reproductive strategies. The second study integrates a thriving area of research in social psychology with a deeper theoretical framework grounded in evolutionary challenges. The third study applies an evolutionary framework to improve the understanding of a pressing social issue. We follow the research presentations with a discussion of the current state of Evolutionary Psychology and possibilities for the future.

Cross-Cultural Validation of the Comprehension of Life History Dimensions

DANIEL J. KRUGER, University of Michigan, kruger@umich.edu

"Social Death": Ostracism Makes Survival Relevant
ERIC D. WESSELMANN, Illinois State University, edwesse@ilstu.edu

Social Inclusion Reduces Rape Avoidance Behavior in Women DONALD SACCO, University of Southern Mississippi, donald.sacco@usm.edu

DECISION MAKING: HOW AND WHY

Thursday, 8:30-10:20AM Salon 12 Moderator: GARY L. CANIVEZ, Eastern Illinois University

8:30 Individual Differences in the Influence of Counterfactual Potency on Regret

CARL FENDERSON, AMY SUMMERVILLE, Miami University; fendercr@miamioh.edu

Thoughts about 'what might have been' (counterfactuals) influence individuals to the extent that they seem subjectively plausible (counterfactual potency). The present research examined individual differences in the influence of potency. Results suggest that guilt and regret proneness moderates the effect of potency on regret.

8:45 Mighty Morphin' Age Progressions

WILLIAM BLAKE ERICKSON, University of Arkansas; CHARLIE FROWD, University of Winchester; GREG MAHONEY, Boston PD; lampinen@uark.edu

Age progressed images are sometimes used in missing child cases. The present research compares age progressions produced by individual artists with morphs based on age progressions produced by multiple artists.

9:00 Testing Decision Process with Dynamic Trajectory and Proportional Difference Model

JIUQING CHENG, CLAUDIA GONZALEZ-VALLEJO, Ohio University; jc311609@ohio.edu

The present study investigates decision process in the gamble choice, medical treatment choice and hotel choice tasks with proportional difference model and decision trajectory record. It is found that decision process is partly independent of decision consequence. The study also illustrates how to grant psychological meanings to mathematical modeling.

9:15 Predicting and Understanding Voting in the 2012 Presidential Election

MARK F. STASSON, MARK TRACY, Metropolitan State University; mark.stasson@metrostate.edu

The Theory of Planned Behavior was used to predict voting intentions and behavior in the 2012 Presidential Election. Attitudes, subjective norms, and perceived control were strong predictors of intentions, and intentions predicted voting. Past voting behavior also contributed to prediction, perhaps because voting for president is a valued political behavior.

9:30 Feels Like Only Yesterday: Vividness Heuristics in Repeating Experiences

JULIA HUR, LORAN F. NORDGREN, Kellogg School of Management, Northwestern University; j-hur@kellogg.northwestern.edu
When do people repeat an experience, instead of trying something new? We suggest that people use the vividness of imagery as a heuristic to make the decision. Two studies demonstrated that the vividness of a past experience decreased participants' motivation to repeat the experience.

9:45 Utilitarian Choices are Processed as Risky Choices

BRIAN J. LUCAS, Northwestern University; ADAM D. GALINSKY, Columbia University; b-lucas@kellogg.northwestern.edu
We propose that utilitarian choices are psychologically processed as risky choices. Conceptually, we review the common antecedents and mechanism of utilitarian and risky choices. Empirically, we find that a utilitarian mindset is correlated with (Study 1) and produces (Study 2) risky choices. Basic psychological systems underlie moral judgment.

10:00 The Negative Consequences of Making Decisions in a Foreign Language¹

SAYURI L. HAYAKAWA, BOAZ KEYSAR, University of Chicago; sayuri@uchicago.edu

Individuals using a foreign language perform significantly worse on the Iowa Gambling Task than those using a native tongue, even if they fully understand the text. Because foreign languages are less emotionally grounded, they may prevent us from using the pain of past losses to avoid future ones.

SYMPOSIUM: PROSPECTIVE COGNITION IN EDUCATION

Thursday, 8:30-10:20AM Wilson Moderator: J. SCOTT JORDAN, Illinois State University

The notion of prospective cognition derives from recent developments in neuroscience, developmental psychology, behavioral psychology, cognitive psychology, social psychology, and community psychology which indicate the following: (1) the cerebellum continuously primes the entire cortex with memories of past actions, perceptions, and cognitions simultaneously, thus rendering all three inherently forward-looking, (2) many of these cortical areas have mirroring properties, which means that we experience the actions, perceptions, and cognitions of others in terms of the plans we would have to generate to produce the same actions, perceptions, and cognitions ourselves, (3) when individuals interact, mirroring leads to multiscale coupling at all three time scales simultaneously, and (4) cultural artifacts provide a means of coupling our multi-scale, prospective brains in ways that give rise to education. The speakers in this symposium will present research on how one or more of the principles of prospective cognition are utilized in a classroom setting.

¹ Graduate student paper award winner.

Multi-scale Entrainment as a Medium for Education

J. SCOTT JORDAN, ERICA RANADE, Illinois State University; jsjorda@ilstu.edu

The Development of Children's Understanding of Maps and Models: A Prospective Cognition Perspective

DAVID UTTAL, KELLY SHEEHAN, Northwestern University; duttal@northwestern.edu

A Prospective Cognition Analysis of Scientific Thinking and the Implications for Teaching and Learning Science

CORINNE ZIMMERMAN, STEVE CROKER, Illinois State University; czimmer@ilstu.edu

Prospective Social Entrainment through Imitation of Children with Autism: Who Should Lead?

KARLA DOEPKE, THOMAS MULDERINK, VERENICE D'SANTIAGO, CLAIRE KARLEN, Illinois State University; kjdoepke@gmail.com

Multilevel Prospective Dynamics in School-Based Social and Emotional Learning

ADENA MEYERS, ANNA HICKEY; Illinois State University; abmeyer@ilstu.edu

RACISM & STEREOTYPE THREAT

Thursday, 8:45-10:20AM Salon 6/7

Moderator: JASON CLARK, University of Iowa

8:45 The Effect of Interethnic Ideologies on White Americans' Perceptions of Institutional Racism

ASHLEY WYNN, University of Chicago; KIMBERLY RIOS, Ohio University; awynn@uchicago.edu

We examined the effects of two interethnic ideologies on Whites' perceptions of institutional racism, whereby social institutions enact policies that disproportionately negatively affect minorities. In two studies, we found endorsement of multiculturalism related positively, whereas assimilation related negatively, with perceptions of institutional racism.

9:00 Christian Identity as Stereotype Threat in Scientific Domains KIMBERLY RIOS, REBECCA TOTTON, Ohio University; KATHRYNE C. VAN TYNE, University of Chicago; rios@ohio.edu

Two studies demonstrated that (1) Christians are stereotyped as less scientific than other groups (Study 1), and (2) Christians who complete a "scientific reasoning task" after being told there are religious differences (vs. no religious differences) in scientific ability perform worse on the task than their non-Christian counterparts (Study 2).

9:15 Stereotype Validation and Female Math Performance: The Moderating Role of Gender Identification

KELSEY C. THIEM, JASON K. CLARK, University of Iowa; kelseythiem@uiowa.edu

Recent research suggests that activating stereotypes after a math task can validate performance perceptions held by women. The current research examined if this stereotype validation phenomenon can be influenced by the degree to which women identify with their gender.

9:30 Activating Stereotypes Post-Performance: Negative Consequences for Blacks' Math Ability Beliefs

JAMIE BARDEN, Howard University; JASON K. CLARK, University of Iowa; bardenjamie@yahoo.com

After a difficult math test, Black participants were either reminded of comparisons with Asians or not. Stereotype activation increased confidence in poor performances, serving as a metacognitive mechanism for decreased math ability beliefs and disengagement from math careers. Thus, even activated post-test performance stereotypes can also have a negative impact.

9:45 Forecasting the Experience of Stereotype Threat for Others KATHRYN L. BOUCHER, ROBERT J. RYDELL, MARY C. MURPHY, Indiana University; katbraun@indiana.edu

We explored how individuals not expecting to be evaluated in a stereotyped domain perceived a stereotype-threatening situation for others. Forecasters (participants who did not expect to take a math test) predicted greater levels of anxiety but higher performance expectations for a woman than women experiencing stereotype threat reported.

10:00 Stereotype Usage in Applicant Evaluations as a Function of Abstract Mindset

MITCHELL M. LORENZ, RUTH H. WARNER, Saint Louis University; mlorenz9@slu.edu

Individuals were placed in an abstract or concrete mindset prior to evaluating male or female applicants for stereotypically male or female jobs. Stereotype congruent applicants were evaluated more favorably in the abstract mindset condition. Gender differences reflective of the use of stereotypes were not discovered in the concrete mindset condition.

SYMPOSIUM: TEEN & PARENT OUTCOMES AFTER THE PEERS INTERVENTION FOR ADOLESCENTS

Thursday, 9:00-10:20AM Salon 10

Moderator: ALYSON GERDES, Marquette University

The purpose of the symposium is to discuss the effectiveness of the Program for the Evaluation and Enrichment of Relational Skills (PEERS) at improving teen and parental functioning in two samples of youth, one with Attention-Deficit/Hyperactivity Disorder (ADHD) and one with Autism Spectrum Disorder.

The PEERS Intervention: Examining Effects on Parents, Social Skills and Social Anxiety in Adolescents with Autism Spectrum Disorders KIRSTEN SCHOHL, Marquette University, kirsten.schohl@marquette.edu

The PEERS Intervention: Examining Effects on Parents, Social Skills and Social Anxiety in Adolescents with Autism Spectrum Disorders BRIDGET DOLAN, Marquette University, bridget.dolan@marquette.edu

An Examination of Teen and Parent Outcomes Following a Peer Intervention for Youth with ADHD

KELSEY WEINBERGER, Marquette University, kelsey.weinberger@marquette.edu

An Examination of Teen and Parent Outcomes Following a Peer Intervention for Youth with ADHD

DENISE GARDNER, Marquette University, denise.gardner@marquette.edu

GENDER & PERFORMANCE

Thursday, 9:00-10:20AM Kimball

Moderator: JOAN BARTH, University of Alabama

9:00 Princess or Probability? Princess Priming Adversely Affects Women's Math Identification

JENNIFER S. HUNT, KATHERINE A. MOSIER, SUNY Buffalo State; huntjs@buffalostate.edu

Common princess narratives emphasize beauty and dependency without exploration of intellectual capabilities. Women were randomly assigned to dress as princesses, superheroes, or themselves. Women primed with

princesses showed less math identification, whereas women primed with superheroes demonstrated increased math identification, showing the power of role models on women's math interest.

9:15 The Impact of False Positive Stereotype on Math Anxiety and Performance

MOLLY M. JAMESON, NICOLE M. CICOZI, JAMES J. PALESTRO, Youngstown State University; mmjamesoncox@gmail.com
Stereotype threat exists when a known stereotype causes performance declines, though research also indicates that positive stereotypes can increase performance. The current study examined this idea in young girls and adult women by presenting a false positive stereotype about math and gender and subsequently measuring math performance and anxiety.

9:30 Helping Close or Distant Others: Proximal and Distal Communal Affordances in STEM

MIA STEINBERG, AMANDA B. DIEKMAN, Miami University of Ohio; steinbm2@miamioh.edu

STEM fields are perceived as incompatible with communal goals, which negatively impacts STEM interest. However, we found that STEM fields were seen as fulfilling communal goals more through distal means (i.e., helping society) and less through proximal means (i.e., direct helping) relative to medicine and social work.

9:45 The Gender Difference in Competitiveness Occurs Among NCAA Distance Runners

ROBERT O. DEANER, ERIC SAKSA, WILLIAM ROGERS, AARON LOWEN, Grand Valley State University; MICHAEL JOYNER, Mayo Clinic; robert.deaner@gmail.com

Much evidence indicates that men possess greater motivation than women to compete, but it is unclear if this difference occurs within selective populations. In a survey of 1,100 varsity intercollegiate distance runners, men reported greater competitiveness, and this difference held even for the fastest runners.

10:00 Gendered Norm Adherence in Investing

JULIE EYINK, EDWARD HIRT, Indiana University; jeyink@indiana.edu Previous work in self-handicapping indicates that women follow injunctive norms of effort while men follow descriptive norms. We investigated if this gender difference extended to norms outside of effort. Results suggest that women follow injunctive and descriptive investment norms; men follow only the injunctive norm, although to a lesser degree.

THE PSYCHOLOGY OF EQUITY

Thursday, 9:00-10:20AM Logan Moderator: ROBIN A. ANDERSON, Saint Ambrose University

9:00 Invited Talk

Toward a Psychology of Equity: Top-down and Bottom-up Approaches to Addressing Service Disparities

IGNACIO D. ACEVEDO-POLAKOVICH, Central Michigan University; david.acevedo@cmich.edu

This presentation will introduce—and provide illustrative examples of—two complimentary strategies to the study of the health and human services disparities faced by individuals who belong to ethnic minorities and other historically underserved groups in the United States.

9:30 Psychosocial Needs of First-Time Mothers Over Age 40

DINAH F. MEYER, Muskingum University; dmeyer@muskingum.edu Twenty-six new mothers over age 40 completed an online questionnaire about their early postpartum experiences. Participants reported fairly high levels of adjustment, but also conveyed feelings of disconnect and isolation from younger peer mothers. Results may be used in the formation of supportive resources for this growing population of new mothers.

9:45 Center for English as a Second Language (CESL) Student Success Assessment

MEGAN M. MORRISON, JOSHUA DOERNER, Southern Illinois University Carbondale; mmmorrison@siu.edu

Archival data (*N*=1,091) was examined to determine factors that influence student success in CESL. Findings indicated that term length may be an important factor. The majority of students who passed to the next level during a short summer session were not successful in advancing to the following level.

10:00 Self-Disclosure, Ostracism, and Help-Seeking in Participants withholding a Stigmatizing Secret

DIANA M. STEAKLEY-FREEMAN, ERIC D. WESSELMANN, TOMMY J. WOOTEN, Illinois State University; dmsteak@ilstu.edu How do individuals feel when they want to disclose potentially stigmatizing information but choose to censor themselves? We present an experiment that demonstrates a censoring one's self-disclosure increases perceived ostracism and psychological need threat. Further, perceived stigma moderated some of these effects. Our manipulation did not affect help-seeking intentions.

BEHAVIORAL NEUROSCIENCE

Thursday, 9:30-10:20AM Marshfield Moderator: RYAN YODER, Indiana University-Purdue University Fort

Wayne

9:30 Evidence for Distributed Processing of Trace Fear Conditioning Within Amygdala

DANIEL KOCHLI, ELAINE THOMPSON, ELIZABETH FRICKE, Miami University; ABBY POSTLE, KEVIN LASH, SAMANTHA HAGERTY, JENNIFER QUINN, Miami University; kochlide@miamioh.edu Numerous investigations have demonstrated amygdalar involvement in delay cued and contextual fear conditioning. However, there are conflicting reports regarding amygdalar involvement in trace fear conditioning. Present results considered with previously published work suggests that trace conditioning is more distributed within the amygdala than other forms of conditioning.

9:45 Mechanisms of Estrogens in the Generalization of Fear JOSEPH F. LYNCH III, JESSICA MULVANY, PATRICK A. WINIECKI, TYLER VANDERHOOF, SAMANTHA ORTIZ, DAVID C. RICCIO, AARON M. JASNOW, Kent State University; jlynch22@kent.edu Females have a faster rate of fear generalization; a process driven by estrogens. Acute injections of estradiol and ER agonists (PPT and DPN) demonstrate that estradiol has a genomic effect on retrieval driven by activation of ER? when testing occurs 24 hours after injections.

10:00 Development of an Avian Model for Investigating Phenotypes of Drug Addiction

BETH ANN RICE, MICHAEL BARDO, CHANA AKINS, University of Kentucky; bethannrice01@gmail.com

The current study establishes a Japanese quail model using a novel statistical method of identification of addiction phenotypes. A model that consistently predicts sign tracking has yet to be established. This model adds a less arbitrary method of identification for sign and goal tracking to current research in addiction.



MPA Invited Address

AUTOMATING ROMANTIC LIFE

SANDRA MURRAY, University at Buffalo smurray@acsu.buffalo.edu

To be happy, romantic partners need to be responsive to one another's needs despite their differences. But behaving responsively requires sustained trust in the partner's caring and confidence in the partner's value. My talk will highlight the motivated cognitive processes, conscious and unconscious, that regulate trust and value judgments, motivating responsiveness.

Thursday, 10:30-11:50AM Adams
Moderator: RENAE FRANIUK, Aurora University (6th floor)



MPA Invited Symposium

DEVELOPMENTAL NEUROSCIENCE OF MENTAL DISORDERS: SUBSTANCE ABUSE COMORBIDITY, COGNITION, AND RELATED FACTORS

Thursday, 10:30AM-12:20PM Marshfield Moderator: RUSSELL BROWN, East Tennessee State University

This symposium is focused on substance abuse comorbidity in rodent models of neuropsychiatric conditions, with a primary focus on these effects during development. Talks will center around the consequences of drug exposure during critical developmental periods with a particular focus towards cognition as well as underlying biological mechanisms.

Long-term Outcomes of Early-life Antipsychotic Drug Administration in Rats

MARK E. BARDGETT, Northern Kentucky University; bardgettm@nku.edu

Monoamines Bi-directionally and Dose Dependently Alter Neural Encoding in the Rodent Anterior Cingulate Cortex

CHRISTOPHER LAPISH, Indiana University-Purdue University Indianapolis; clapish@iupui.edu

The Neuroscience of Reward Relativity: Ways to Make Something Not So Good Seem Better

H. CASEY CROMWELL, Bowling Green State University; hcc@bgnet.bgsu.edu

Assessing Genetic Influences on Psychiatric Comorbidity Phenotypes in an Animal Model of Alcoholism

JULIA CHESTER, Purdue University; jchester@psych.purdue.edu



American Psychological Association Invited Workshop

HOW TO PUBLISH: ADVICE FROM THE EXPERTS

JEFF HUME-PRATUCH; APA Manuscripts Office DOROTHY ESPELAGE; University of Illinois LISA DE LA RUE; University of Illinois

This session is intended to help demystify the publication process and encourage productive manuscript writing. In addition to providing an overview of the publication process from organizing and writing the manuscript through its final publication, the panelists provide guidelines on writing discipline, selecting topics, and framing the research for publication. MPA greatly thanks the American Psychological Association Publications and Communications Board for sponsoring this workshop.

Thursday, 10:30-11:50AM Salon 5/8

COGNITIVE DEVELOPMENT ACROSS THE LIFESPAN

Thursday, 10:30AM-12:20PM Salon 1

Moderator: CHRISTINA KRAUSE, Aurora University

10:30 Individuation Affects Children's Label Generalization TRAVIS HARTIN, WILLIAM E. MERRIMAN, Kent State University; thartin@kent.edu

Generalization of an object's label may be influenced by whether the object has been individuated. Prior to learning a label for an object, 5- and 8-year-olds and adults picked the object out from either similar or dissimilar objects. The similarity of these objects influenced children's, but not adults' label generalization.

10:45 An Evaluation of the Prospective Memory Questionnaire in Young Adults

MARISSA ROFFLER, LISA WILLOUGHBY, BRIANNA OLBINSKI, Saint Louis University; mroffler@slu.edu

The Prospective Memory Questionnaire (PMQ) is a subjective measure of prospective memory failures frequently used in research. The current study sought to evaluate the PMQ in a sample of college students. Confirmatory factor analyses and focus groups revealed that the PMQ requires modification to be more appropriate for today's students.

11:00 Does Distinctive Encoding Aid Younger and Older Adults' Memory Performance?

JARROD C. HINES, University of Wisconsin-Eau Claire; JarrodHines@gmail.com

Age declines in episodic memory performance may result partially from older adults' failure to perceive differential strategic effectiveness. We examined younger and older adults' perceptions of the relative effectiveness of distinctive and relational encoding strategies during one study-test phase and their use of this knowledge during a second study phase.

11:15 Effects of Aging on the Neural Correlates of Feedback Processing ROBERT WEST, Iowa State University; BRANDY TIERNAN, Western Kentucky University; PAUL KIEFFABER, College of William and Mary; KIRA BAILEY, University of Missouri; STEPHEN ANDERSON, Iowa State University; rwest@iastate.edu

The effects of aging on the neural correlates of feedback processing were examined in a virtual gambling task. Older adults were less risk seeking than younger adults. The ERP data revealed age-related differences in neural activity related to feedback processing in the ACC, posterior cingulate, temporal and occipital cortices.

11:30 Optimism Buffers the Impact of the Economy on Financial Well-Being

BRENDA WHITEHEAD, University of Michigan, C.S. BERGEMAN, University of Notre Dame; bwht@umich.edu

We explore the impact of the Global Financial Crisis on the financial well-being (FWB), considering dispositional optimism and age as moderators. Results indicate that the economy impacts FWB, but optimism serves to buffer this effect for those who experience a negative change in FWB during an economic downturn.

11:45 The Effect of Falsification and Confirmation on Recategorization JARED T RAMSBURG, University of Illinois at Chicago; STELLAN OHLSSON, University of Illinois at Chicago; jared.ramsburg@yahoo.com The present study investigated the importance of falsification and category induction opportunities when overriding a prior conception in favor of a new conception. The results suggest that removing direct falsification opportunities, but providing induction opportunities is an effective method for prompting conceptual change and can result in faster change.

12:00 Tired but Happy: Experiences of Women Over Forty Bearing Children

KERRI BRADLEY-RONNE, The Chicago School of Professional Psychology; kronne@thechicagoschool.edu

Women over 40 who had recently given birth were interviewed. Age correlated with fatigue during pregnancy/post-delivery, but not with medical complications. Family and friends were supportive, but employers, strangers and medical professionals were less so. Implications regarding public and employer perceptions of older mothers, training of medical professionals are discussed.

SOCIAL DEVELOPMENT

Thursday, 10:30AM-12:00PM Salon 3 Moderator: DENISE D. GUASTELLO, Carroll University

10:30 Increasing Personal Agency in Behavior Problem Children TEDDI DEKA, Missouri Western State University; SARAH GERVING, Pickett Elementary School; deka@missouriwestern.edu Behavior problem children may have difficulty applying healthy lifestyle information to their actions. Children (n = 32) received eight visits by college buddies. The experimental group learned interactive health/social activities to repeat at home. Pre/post-tests indicated perceived control

improvements for the "tried activities" group. We discuss personal agency and measurement.

10:45 Impact of a Summer Bridge Program on Social/ Emotional Development

NICOLE R. RIVERA, DOROTHY PLEAS, MARLENA MARTINEZ, ANA RIVERA, North Central College; nrrivera@noctrl.edu Summer bridge programs support the college transition experience for students of diverse backgrounds. The research team, which includes faculty, staff and students, will present findings from a focus group study with students who completed a bridge program to demonstrate the impact on the development of competence and emotional coping.

11:00 Parenting Styles Across Three Generations

DENISE D. GUASTELLO, VICTORIA ZAJDEL, LAUREN FORYSTEK, KAITLYN MEYROSE, MADELIENE OEHLERS, HILARY ARTHUR, Carroll University;dguast@carrollu.edu

This study looked at generational changes in parenting style. We found a shift from authoritarian to more permissive parenting style across the generations. College-aged students rated their parents' parenting style as more permissive compared to middle-aged participants ratings of their parents' parenting style. Birth order differences were revealed as well.

11:15 The Relationship between Psychosocial Impairment and Information Communication Technology Use

KIMBERLEY J. GARDNER, RODNEY J. VOGL, Christian Brothers University; rvogl@cbu.edu

Participants (27 males and 76 females) completed a modified version of the Online Cognition Scale and an ICT usage scale (e.g., texting, instant messaging, e-mail, social media). A positive relationship was found between the use of information and communication technologies (ICT) and psychosocial impairment (i.e., social impairment, impulsivity, distraction, depression

11:30 Correlates of Criminal Behavior in Male Prisoners

KELSEY COOK, APRIL FUGETT-FULLER, MARC LINDBERG, Marshall University; cook344@live.marshall.edu
Several criminological theories developed to explain why individuals engage in differing amounts of criminal behavior were tested through path and other analyses. Male inmates (N=211) from a maximum security prison served as participants. Analyses for each existing model will be presented along with a new model.

11:45 In a World Full of Empowered Females, Where Do the Boys Stand?

LAUREN CALDERON, VERONICA MINAHAN, Adler School of Professional Psychology, PHILLIP MONTGOMERY, Roosevelt University; lcalderon@my.adler.edu

In a post-feminism world, where is a young man's place? How does a fatherless son learn what it means to be a man? Self-confidence, manhood, 100% graduation rate from high school are not farfetched ideas for the men of the brotherhood.

PREJUDICE & PREJUDICE REDUCTION

Thursday, 10:30AM-12:20PM Salon 6/7 Moderator: MARY C. MURPHY, Indiana University Bloomington

10:30 Invited Talk

Confronting Sexism Depends on the Goal to be Respected Outweighing the Goal to Be Liked

ROBYN K. MALLETT, KALA J. MELCHIORI, Loyola University Chicago; rmallett@luc.edu

Two experiments test whether respect and liking goals explain responses to sexism. Women seek more respect than liking after being asked sexist, compared to inappropriate, interview questions. Importantly, actual response assertiveness increases along with the motivation to be respected and attenuating (versus enhancing) the need to be liked increases confrontation.

11:00 The Paradoxical Effect of "Stigma-Busting" Message about Mental Illness

LEONARD S. NEWMAN, YING TANG, Syracuse University; ytang02@syr.edu

Two studies conducted to examine the effects of campaigns that aim to change people's attitude about mental illness revealed that people who are high in just world belief, when reading a standard stigma-busting message, may harbor more negative attitude towards mental illness or perceive the message to be less relevant.

11:15 Priming Magical Thinking and Reactions to Stigmas

CHRISTINE D. LEFEVER, JAIME M. EARL, JOHN B. PRYOR, ERIC D. WESSELMANN, Illinois State University; pryor@ilstu.edu
This research used MouseTracker (Freeman & Ambady, 2010) software to examine real-time reactions to stigmatized persons. Priming magical thinking enhanced avoidance reactions to people perceived to be possibly

appropriate targets of negative feelings for participants who were not motivated to engage in deliberative thinking.

11:30 The Role of Religious and Political Beliefs in Attitudes toward Homosexuals

ERIN DEVERS, KAITLYN GUSTAFSON, Indiana Wesleyan University; erinedevers@gmail.com

This research explores the religious and political factors that contribute to a negative attitude toward homosexuals. Results of a large survey of college students suggest that negative attitudes towards homosexuals may be more closely linked to one's political rather than religious beliefs.

11:45 Expertise and Tolerance: Testing Possible Mediators

ERIKA PRICE, Loyola University Chicago; eprice3@luc.edu
The present set of three studies examines several possible mediators of
effect of political expertise on political tolerance. Mediation and moderated
mediational analyses suggest democratic values support and subjective
values importance serve key roles in accounting for the expertise-tolerance
relationship.

12:00 Socialism or Modern (Symbolic) Racism? An Administration under Siege

DIANA M. STEAKLEY-FREEMAN, ERIC D. WESSELMANN, Illinois State University; dmsteak@ilstu.edu

Modern/symbolic racism, which focuses on cultural stereotypes about groups and how these groups may undermine cultural values rather than blatant derogation of these groups (old-fashioned racism), is common in modern society. This study examined the relationship between negative beliefs about President Obama (i.e., he is a socialist) and modern/symbolic racism.

PSYCHOPATHOLOGY

Thursday, 10:30AM-12:20PM Salon 10 Moderator: LISA PAUL, Northern Illinois University

10:30 Invited Talk

A Review of the Agreement between Clinicians' Personality Disorder Diagnoses and those from Other Methods and Sources

DOUGLAS B. SAMUEL, Purdue University; dbsamuel@purdue.edu I review the agreement of treating clinicians' diagnoses with common research methods. The agreement with self-report and interviews across 27 studies ranged from .05 to .36 with an overall median of .23. These results

suggest limited overlap between PD diagnoses assigned in research studies and in naturalistic settings.

11:00 Do Atypical Antipsychotics Improve Quality of Life in Bipolar Disorder?

DAVID M. SCHULTZ, Truman State University; ds6818@truman.edu The present study examined whether or not atypical antipsychotic medication improves quality of life in individuals with bipolar disorder. A meta-analysis of fifteen randomized clinical trials determined that atypical antipsychotics produced small increases in quality of life compared to control groups, with symptoms showing greater levels of improvement.

11:15 Going to Extremes: Dimensional Personality Disorders in Adolescents?

KATRIN ELLEN KLIEME, Illinois State University; FRITZ OSTENDORF, Universitaet Bielefeld, Germany; kekliem@ilstu.edu This study investigated the construct validity of dimensional personality disorders in adolescents. Using a newly developed German item pool, MTMM matrix analyses explored convergent and discriminant validity between four common factors of adaptive and maladaptive traits. Subsequently, a comprehensive model, integrating adaptive and maladaptive traits, was developed and proposed.

11:30 Genetic and Environmental Influences on Gambling Behavior from Late Adolescence to Young Adulthood

SERENA M. KING, Hamline University; MARGARET KEYES, KEN C. WINTERS, MATT MCGUE, WILLIAM IACONO, University of Minnesota; sking02@hamline.edu

The present study examined the genetic and environmental influences on gambling behaviors in a longitudinal twin sample from age 18 to 25. Results suggest that similar factors account for gambling over time in both genders, additive genetic influences increase over time, and non-shared environments are influential at both times.

11:45 Parsing Fear and Inhibition in Social and Nonsocial Contexts MOLLIE N. MOORE, University of Wisconsin, REBECCA J. BROOKER, Montana State University; H. HILL GOLDSMITH, University of Wisconsin; mnmoore@wisc.edu

Toddler behaviors were differentiated into both social/nonsocial and fear/inhibition facets. These dimensions showed different relations with infant psychophysiology as well as later anxious behaviors. Our results underscore the importance of distinguishing between behavioral nuance and context to best identify and target interventions for children at highest risk for anxiety.

12:00 Treatment Considerations for Trauma in Foster Care Children and Adolescents

AMBER NAROLESKI, SANDRA LEMA-STERN, CAROLYN GRALEWSKI, Illinois School of Professional Psychology; sstern@argosy.edu

This paper reviews evidence-based literature for treating trauma with youth in foster care (i.e., developmental impacts, foster care impacts, treatment considerations) for the purpose of proposing a decision-based guide to intervention with emphasis on developmental considerations and contextual factors that must be considered when working in the child welfare context.

WELL-BEING & PROSOCIAL BEHAVIOR

Thursday, 10:30AM-12:20PM Salon 12 Moderator: STEVEN MILLER, Rosalind Franklin University

10:30 Invited Talk

Sustainability and Happiness: The More you Know, the More you Show?

ALISON L. O'MALLEY, Butler University; aomalley@butler.edu
The concurrence of doing good and feeling good is a well-established perk
of existence. But is the natural environment necessarily within the realm of
"doing good? How can environmental education interventions best convey
how human well-being is tied to behavior that respects and promotes the
natural environment?

11:00 The Role of Affect and Blood Pressure in Goal Pursuit among Pessimists

FAWN C. CAPLANDIES, ANDREW GEERS, University of Toledo; COLLEEN GRAHAM, Hartwick College; ALYSSA BECKER, JYRONE REYES, FRED GOLINI, JUSTIN A. WELLMAN, KINHO CHAN, Hartwick College; fawn.caplandies@rockets.utoledo.edu Changes in blood pressure during goal pursuit and varying affective expectations were examined. Optimists expecting anxiety persisted longer, suggesting optimists expect anxiety differently when pursuing goals than those expecting depression. Lower blood pressure of pessimists with a depression expectation indicates that expectation may have made the impossible task less stressful.

11:15 The Theory of Planned Behavior: Predicting Collective Action Support

MARK TRACY, Metropolitan State University; marktracy1@gmail.com

The Theory of Planned Behavior was used to predict intentions to support the social movement "Occupy Wall Street" in Minneapolis, MN. Results suggest that attitudes, subjective norms and sense of moral obligation were strong predictors of support intentions.

11:30 The Relationship between Meaning, Defining Success, and Well-Being

JENNIFER ZIMMERMAN, DePaul University; JACOB BILLITTERI, University of Utah; jzimmer3@depaul.edu

We measured the relationships among the search for and presence of meaning, definitions of success, and well-being. Searching for meaning alone is not related to well-being. However, individuals who search for meaning are more likely to define (and perhaps find) success in meaningful ways, which is related to well-being.

11:45 The Effects of Impression Transference in Groups on Prosocial Behavior

TIMOTHY C. MCCALL, MEGAN K. MCCARTY, WILLIAM G. GRAZIANO, DONAL E. CARLSTON, Purdue University; tmccall@purdue.edu

We investigated whether impressions of groups and their members as helpful or not generalize to decisions to help members of groups. As hypothesized, when a group is seen as helpful, helpful members receive less help and non-helpful bystanders that are members of a helpful group receive more help than controls.

12:00 Investigating the Effects of Metaphor on Perceptions of Meaning in Life

MATTHEW W BALDWIN, MARK J LANDAU, University of Kansas; matthewbaldwinw@gmail.com

We investigated how metaphors for life (e.g., life is a journey) influence perceptions of meaning and overall life satisfaction. Participants who thought about their lives when it was framed as a journey reported more coherence, purpose, and overall life satisfaction compared to those who thought about life more literally.

POWER!

Thursday, 10:30AM-12:20PM Kimball Moderator: SANDRA L. NEUMANN, University of Wisconsin

10:30 To Whom is Power Given? Group-Based Biases When Relinquishing Power

NATHANIEL J. RATCLIFF, THERESA K. VESCIO, JULIA L. DAHL,

The Pennsylvania State University; njr5139@psu.edu

The current research investigates the conditions of when and to whom power is willfully relinquished. Specifically, power is more likely to be relinquished when leaders face unambiguous poor performance and is typically given to those perceived as stereotypically competent to take on the mantle of leadership (e.g., Whites, men).

10:45 What Makes Power Powerful? Interpersonal Resource Control Frames Influence and Intensify Power's Cognitive and Behavioral Effects

TONYA M SHODA, JONATHAN W KUNSTMAN, Miami University; shodatm@miamioh.edu

We examined the unique effects of punishment and reward-framed power on cognition and behavior. Compared to reward-framed power (RFP), punishment-framed power (PFP) benefited creative processes, but hampered sociality. Across four studies, PFP increased creativity, heightened objectification and social distance, and impaired cooperation and empathy.

11:00 Reflecting on the Past: How Power and Counterfactual Thinking Influences Regret

BRITTNEY BECKER, RACHEL SMALLMAN, ELIZABETH SETO, Texas A&M University; beckerbrittney15@gmail.com

Previous research suggests that high power people are more likely to forgive close others because they are less likely to ruminate. Counterfactual thinking (a type of rumination) may increase regret, which in turn may influence forgiveness. The present research examines how power and counterfactual thinking influence both regret and forgiveness.

11:15 Feeling and Thinking about Regret: Validating the Regret Elements Scale

JOSHUA BUCHANAN, JENNY LEHMANN, AMY SUMMERVILLE, Miami University; buchanjp@miamioh.edu

The Regret Elements Scale (RES) distinguishes between the emotional and cognitive elements of regret. The current research investigates the validity of this scale through comparisons to existing measures of regret, guilt, shame, and established patterns of appraisals. These combined results further support the utility of the RES.

11:30 Punishment-framed Power Heightens Moral Disengagement PIRITA E. SEE, JONATHAN W. KUNSTMAN, KURT J. SCHUEPFER, Miami University; seepe@miamioh.edu

Participants empowered with control over punishments evaluated pro-social behaviors as less moral and anti-social behaviors as less immoral than participants empowered with control over rewards. This work suggests that situational factors that affect the nature of power influence morality judgments of social behaviors, with punishment-framed power leading to moral disengagement.

11:45 The Influence of Social Status on Person Perception IVO GYUROVSKI, JASMIN CLOUTIER, University of Chicago; ivogyurovski@gmail.com

The understanding of the effects of social status on person perception remains elusive. Data across three studies reveal that high social status individuals are seen as different from low social status individuals. Importantly, such perceived differences and person construal were contingent upon the dimension of social status (financial, moral, physical).

12:00 From Power to (In)Action: When Power Leads to Paralysis GEOFFREY R. O. DURSO, Ohio State University; PABLO BRIÑOL, Universidad Autónoma de Madrid; RICHARD E. PETTY, Ohio State University; durso.9@osu.edu

Feeling more (versus less) powerful generally makes people more likely to act. We examined whether this relation is moderated by the consistency of individuals' thoughts. When powerful people had consistent thoughts, they were more action-oriented. However, when powerful people had inconsistent thoughts, they were less likely to act.

SYMPOSIUM RECENT ADVANCES IN MATERIALISM RESEARCH

Thursday, 10:30AM-12:20PM Logan Moderator: KENNON M. SHELDON, University of Missouri

This is a symposium designed to showcase some recent findings on psychological materialism. Materialism and conspicuous consumption are becoming ever more problematic as world population increases, resources decrease, and sustainability issues loom. This original symposium will shed new light on both the causes and consequences of this troublesome personality syndrome.

Materialism and Well-being: Meta-analytic Results TIM KASSER; Knox College; tkasser@knox.edu

Exploring the Link between Values and the Psychological Need-

relevance of the Situation

MIKE PRENTICE, University of Missouri; mprent08@gmail.com

Distributing the Costs of Materialism: A Study with Families

MONIKA BAUER, Knox College; mbauer@knox.edu

"Money" Job Lawyers Are Less Happy than "Service" Job Lawyers, Despite Their Higher Income

KENNON M. SHELDON, University of Missouri; sheldonk@missouri.edu

COGNITION & EDUCATION

Thursday, 10:30AM-12:20PM Wilson

Moderator: LINDA TOLLEFSRUD, University of Wisconsin

10:30 Note-Taking Benefits College Students

EEVIN JENNINGS, ROMAN TARABAN, Texas Tech University; eevin.jennings@ttu.edu

College students took notes on a computer, on paper, or simply listened, while viewing a video lecture on language. On four spaced posttests, participants in the computer condition recalled significantly more idea units from the lecture than listening participants; the latter did not differ from either condition.

10:45 Note-taking and Learning

CHRISTOPHER J. DEVERS, Indiana Wesleyan University; JESSICA HOFFMAN, University of San Diego; CHRISTINE LEE, University of California, Los Angeles; EMILY RAGSDALE, Indiana Wesleyan University; christopherdevers@gmail.com

Data suggest that there is a negative association between learning and computer use in class. However, there could be situations that do not produce this negative effect. Therefore, controlling for other variables (i.e., multitasking), this study examined if and how taking notes on a computer affected student learning.

11:00 Enhancing of Learning in Lecture Note-Taking: Outlining and Illustrative Diagrams

DUNG C. BUI, MARK MCDANIEL, Washington University in St. Louis; dcbui86@gmail.com

Different aids were provided to participants during lecture note-taking. Afterwards, a free recall and inference test were administered. For lowability structure builders, outlines improved free recall, but not inferential

learning. However, when provided with an illustrative text, both free recall and inferential learning were improved.

11:15 Mind Wandering and Online Learning: A Latent Variable Analysis

R. BENJAMIN HOLLIS, CHRISTOPHER A. WAS, JOHN DUNLOSKY, DAVID DALTON, Kent State University; rbhollis@kent.edu
This study investigated mind wandering during video lectures in an online course. Working memory capacity and interest were also considered.
Higher mind wandering predicted lower performance. Lower working memory capacity predicted higher mind wandering. Higher interest predicted lesser mind wandering. Social media and technology accounted for 29% of off-task thinking.

11:30 Khan Academy Video Learning

CHRISTOPHER J. DEVERS, CODY REAVES, ALLIE ALAYAN, Indiana Wesleyan University; christopherdevers@gmail.com
Using Khan Academy videos, this research explored, "Do students learn from online videos?" While there was not a statistically significant result, the data are trending toward statistical significance and could be statistically significant given a larger sample.

11:45 Mind the Gap: Extrapolating from Statistical Details During Category Learning

BENJAMIN M. FABER, Saint John's University; bfaber@csbsju.edu Categorization is central to intelligently generalizing from past experiences to new situations. A binary category learning task using familiar or novel stimuli that varied in distributional pattern was used to show that learners extrapolate patterns by combining the input with pre-existing biases rather than simply matching the input distributions.

12:00 Creativity and Behavioral Responses in a Wilderness Environment

FRANK M. FERRARO III, Nebraska Wesleyan University; fferraro@nebrwesleyan.edu

Psychological research supports that exposure to nature is psychologically beneficial. Nature may also improve human creativity. Our research indicates that undergraduate student wilderness trips increase student creativity depending on the type of test used. Other benefits observed include increases in appreciation for wilderness areas, personal self-esteem, and overall motivation.



MPA Invited Research Methods Workshop

THINKING OUTSIDE THE SUBJECT POOL

MICHELLE R. HEBL, Rice University hebl@rice.edu

Many social scientists rely solely on their university's subject pool and laboratory settings for research. This practice is steeped in tradition, cost-efficient, and convenient, but may provide unrepresentative results, overlooked populations, and limitations in questions asked. In this workshop, we will focus attention on alternative samples and modes of data collection.

Thursday, 1:00-2:50PM

Wabash

NEW DIRECTIONS IN CULTURAL PSYCHOLOGY

Thursday, 1:00-2:50PM Salon 1

Moderator: SHAHEEN S. MUNIR, Wartburg College

1:00 The Effects of US Residency, Income and Education on Life Expectations and Wellbeing for Asian Americans

ERANDI HERNDON, CYNTHIA WILLIS ESQUEDA, ROSA HAZEL DELGADO, University of Nebraska-Lincoln; cwillis-esqueda1@unl.edu Different factors can affect the wellbeing and life expectations of Asian immigrants. We studied the number of years in the US, education level, and income on expectations for life outcomes and wellbeing. Results indicated US residency, education level, and income were predictors of life expectations and wellbeing.

1:15 Religious Beliefs, Hopelessness and Race Among Persons with Clinical Depression: A Moderated Mediation Model

PATRICIA MURPHY, Rush University Medical Center;

Patricia_Murphy@rush.edu

Religion/spirituality might be an important component to include in treatment, especially for Blacks. Hayes' macros and approach to moderation and mediation make it possible to perform complex analyses without specialized software.

1:30 Purity Culture as a Potential Antecedent to Rape Culture

KATHRYN R. KLEMENT, Northern Illinois University;

kathryn.klement@gmail.com

Two studies examined the relationship between purity culture and rape culture. Study 1 found that the odds of being raped were significantly increased in states with sexual education programs that stressed abstinence. Study 2 found that participants' value of virginity significantly predicted their rape myth acceptance.

1:45 Patriarchy, Male Competition, and Excess Male Mortality

DANIEL J. KRUGER, University of Michigan; MARYANNE L. FISHER, St. Mary's University; PAULA WRIGHT, University College Cork; kruger@umich.edu

Higher levels of societal patriarchy are associated with greater levels of male mortality in excess of rates for women. The degree of patriarchy reflects both the extent of male control of females as reproductive assets, as well as the degree of male competition for positions of high status and power.

2:00 Does Culture Moderate Media Violence Effects on Aggression?

SARA PROT, CRAIG A. ANDERSON, BEN CHUN PAN LAM, Iowa State University, KANAE SUZUKI, University of Tsukuba, Japan; BARBARA KRAHÉ, University of Potsdam, Germany; XUEMIN ZHANG & WEI LIUQING, Beijing Normal University; POESIS DIANA PETRESCU & ROXANA ANDREEA TOMA, West University Of Timisoara, Romania; WAYNE WARBURTON, Macquarie University, Australia; sprot@iastate.edu

Exposure to violent television shows, movies and video games was found to predict higher levels of self-reported physical and verbal aggression in samples from seven countries. The effect of violent media use on aggression was of similar magnitudes across samples, suggesting that violent media effects generalize across cultures

2:15 Uncertainty Avoidance Strengthens the Economic Growth-Societal Happiness Link

FELIX CHEUNG, M. BRENT DONNELLAN, RICHARD E. LUCAS, Michigan State University; felixckc@msu.edu

A multilevel analysis based on data from 150,933 respondents in 35 societies across the world showed that the association between economic growth and life satisfaction was greater in societies with higher uncertainty avoidance. Economic growth may reduce uncertainty and thus be particularly beneficial to societies with lower tolerance for uncertainty.

2:30 An Exploratory Investigation of Various Aspects of Rural Life

BETHANY MCCORD, Miami University; mccordbl@miamioh.edu This research explored the types of resources that rural residents have access to, the factors involved in isolating them from and connecting them to resources, and the impact of access to resources on mental health. Participants explained limited access to resources in terms of previously unstudied psychosocial factors.

BELONGING & INTERPERSONAL RELATIONSHIPS

Thursday, 1:00-2:50PM Salon 3

Moderator: TRACY DEHART, Loyola University Chicago

1:00 Self-Esteem and Attentional Bias in Response to Potential Relationship Threats

VERONICA M LAMARCHE, SANDRA L MURRAY, University at Buffalo, SUNY; vlamarch@buffalo.edu

We examined whether people automatically regulate their attention towards or away from the partner in times of relationship uncertainty. As expected, people high in self-esteem directed attention away from negative partner traits, showing an automatic tendency to protect their relationship. No effects emerged for low self-esteem. Implications are discussed.

1:15 Too Full of Belonging? Social Aversion in Securely Attached Individuals

JENNIFER VALENTI, SHIRA GABRIEL, University at Buffalo, SUNY; valenti8@buffalo.edu

Research examined whether people will actively avoid social interactions when the need to belong has been satiated. Two studies supported the hypothesis that securely attached individuals who have experienced satiation of belongingness needs actively avoid social interaction and tune out social information.

1:30 Jealousy towards a Romantic Partner's Friends SARAH GOMILLION, SHIRA GABRIEL, SANDRA MURRAY,

University at Buffalo, SUNY; sarahgom@buffalo.edu

A partner's friends can threaten one's central role in one's romantic partner's life and thus elicit jealousy. Two studies showed that people whose partners are highly central to their lives experienced jealousy towards their partner's same-sex friends and that jealousy was exacerbated when they doubted their partner's commitment.

1:45 Need to Belong and Drinking to Fit In

HANNAH HAMILTON, TRACY DEHART, Loyola University Chicago; hhamilton1@luc.edu

Our research revealed that while college students high in need to belong endorsed drinking to fit in to a greater extent, they did not increase their alcohol consumption when doing so. However, college students low in need to belong consumed more alcohol when they endorsed drinking to fit in.

2:00 Mnemic Neglect and Social Anxiety Revisited

BETTINA ZENGEL, JOHN J. SKOWRONSKI, Northern Illinois

University; bettinaz.niu@gmail.com

Mnemic neglect reflects poor recall of self-descriptive negative behaviors that imply traits central to the self-concept. Results from a new study that included a social threat manipulation show that this mnemic neglect effect is moderated by social anxiety and can be specific to behaviors that imply social incompetence.

2:15 Communicating with Confidants Online: Relationship to Loneliness

ELIZABETH A. NECKA, JOHN T. CACIOPPO, University of Chicago; enecka@uchicago.edu

Interacting with confidants online is associated with greater loneliness and less satisfaction with confidants, whereas interacting face-to-face is associated with less loneliness and greater satisfaction. Frequent face-to-face interactions fully explain a positive relationship between internet use and closeness to confidants. The internet may be a tool to improve offline relationships.

2:30 Animacy Aids Free-Recall but Impairs Cued-Recall EARL Y. POPP, MICHAEL J. SERRA, Texas Tech University;

michael.serra@ttu.edu

Research suggests that human memory evolved to better-remember animate than inanimate things because the former had greater relevance for human survival. Although we replicated past effects of animacy on free-recall, participants' cued-recall of paired-associates consistently demonstrated better recall for object-object pairs than for any pairs containing animal words.

MOTIVATION & ETHICS IN ACADEMIC SETTINGS

Thursday, 1:00-2:50PM Salon 5/8

Moderator: DINAH F. MEYER, Muskingum University

1:00 Invited Talk

Non-Cognitive Factors that Predict and Increase Student Motivation and Performance

MEERA KOMARRAJU, Southern Illinois University; meerak@siu.edu How do non-cognitive factors (Big Five personality traits, information-processing strategies, effort-regulation, academic self-efficacy, social integration, and student-faculty interactions) relate to college students' motivation and performance? How can instructors leverage non-cognitive factors to enhance the classroom experience for students? Drawing on my research findings, I offer some answers to these questions.

1:30 Motivation and Self-regulation in Mathematics: A Multivariate Latent Growth Curve Analysis

WONDIMU AHMED, University of Akron; wahmed@uakron.edu This study examined whether changes in motivational beliefs (i.e., self-concept, intrinsic value, attainment value and utility value) are associated with changes in self-regulation in mathematics in a sample of 495 students (51% girls). The findings showed that declining trajectories of motivational beliefs were consistently associated with declining rates of self-regulation.

1:45 Effects of Goal Congruity on Belonging and Math Interest/ Motivation

AIMEE L. BELANGER, AMANDA B. DIEKMAN, Miami University; belangal@miamioh.edu

From a goal congruity perspective, the perception that math does not fulfill one's valued, communal goals results in disinterest in math. We found that congruity with chronically endorsed, but not situationally-activated, communal goals increased belonging and interest in math. Communal goal affordances fostered belongingness and subsequently, math interest.

2:00 Ego Depletion and Academic Motivation

STEVEN J. HOEKSTRA, JOURDIN WATKINS, Kansas Wesleyan University; hoekstr@kwu.edu

The study examined Ego Depletion manipulation and state Self-Control on University Persistence scenarios, Intrinsic/Extrinsic Academic Motivations, and Institutional Commitment. Results indicate significant effects, even when controlling for effects of GPA, Academic Self-Efficacy, Academic and Social Integration, and Religiosity.

2:15 Intentions to Cheat: The Role of Planned Behavior and Goal-Related Personality Facets

DAMIAN J. LONSDALE, AMBER E. LONSDALE, University of South Dakota; Damian.Lonsdale@usd.edu

Perceived friends' and parents' attitudes toward cheating (subjective norms) and perceived ease of cheating (perceived behavioral control) all positively predicted intentions to cheat. Also, behavioral approach and need for achievement through hope of success were positive and negative predictors of cheating intentions, respectively. Sample: 175 mostly Caucasian female undergraduates.

2:30 Academic and Athletic Misconduct of Collegiate Students Participating in Club Sports

MARIYA A. YUKHYMENKO, University of Illinois at Chicago; yukhym@uic.edu

Academic dishonesty is prevalent among students. Likewise, athletic misconduct is widespread among athletes. This study examined self-reported academic and athletic misconduct of collegiate students participating in club sports within an achievement goal framework, controlling for students' gender and identity. Implications, limitations, and future directions are discussed.

STEREOTYPES, PREJUDICE, & GENDER

Thursday, 1:00-2:50PM Salon 6/7 Moderator: MOLLY M. JAMESON, Youngstown State University

1:00 Invited Talk

The Biases that Blind Us: How Gender Stereotypes Constrain Opportunities for Women in Science

CORINNE A. MOSS-RACUSIN, Skidmore College;

cmossrac@skidmore.edu

Despite efforts to recruit and retain more women, a stark gender disparity persists within academic science. In this talk, I will discuss research providing the first evidence of science faculty members' gender biases against female students, and highlight implications for academic meritocracy, diversity, and gender parity across science fields.

1:30 Resolving Belonging Uncertainty: Implications for Women in STEM

JONATHAN M. GALLEGOS, THERESA VESCIO, Pennsylvania State University; jmg599@psu.edu

Belonging uncertainty predicts disparities in achievement between racial minorities and Whites. The current research extends prior work by considering how men and women respond to belonging uncertainty and how they choose to appease it. Implications for the gender gap in STEM (science, technology, engineering, and math) domains are discussed.

1:45 Instructors' Theories of Intelligence as a Subtle Situational Cue to Identity Threat in STEM

JENNIFER A. LACOSSE, Florida State University; MARY C. MURPHY, Indiana University Bloomington; jlacosse14@gmail.com
An experience sampling, longitudinal study and a lab experiment provide evidence that college instructors' perceived theories of intelligence can serve as a subtle situational cue that affects students', and in particular, minority students' motivation and experiences in STEM environments.

2:00 Think Doctor, Think Male: Implicit Gender Associations with Career Prestige

CANDACE B. MEYER, JENNIFER S. JOHNSON, TIFFANY G. MAGLASANG, JOEL T. NADLER, Southern Illinois University Edwardsville; jnadler@siue.edu

In this study we measured implicit and explicit occupational sexism in undergraduate students (N=442) at a Midwest state university. There was a significant implicit gender bias; individuals associated men with more prestigious careers and women with less prestigious careers. Men endorsed explicit traditional gender roles more than women.

2:15 Gender Differences in Sexism, Traditional Roles, and Sexual Harassment Attitudes

MALLORY MAVES, RACHEL STARK, ALEXA KNUTH, CANDACE MEYER, JOEL T. NADLER, Southern Illinois University Edwardsville; jnadler@siue.edu

Undergraduate students (*N*=442) at a Midwestern state university completed measures of sexism, social justice, and sexual harassment attitudes. We found that both men and women have fairly positive ideas towards sexism, gender equality and gender issues. However, gender differences were still present with women more excepting than men.

2:30 Masculinity Threats and Discrimination against Women and Gay Men

KEVIN S. WEAVER, THERESA K. VESCIO, Pennsylvania State University; kvw5101@psu.edu

Masculinity was threatened/assured, then men reported denial of discrimination, acceptance of group-based inequality, endorsement of traditional masculinity norms (MRNS), and gender identification (GID). Both manipulations led to more denial of discrimination against gay men, assured/high MRNS men denied more discrimination against women, and threatened/high GID men accepted more group-based inequality.

EATING DISORDERS, WEIGHT LOSS, & PHYSICAL ACTIVITY

Thursday, 1:00-2:50PM Salon 10

Moderator: KATHY SEXTON-RADEK, Elmhurst College

1:00 Invited Talk

Translating Social Psychological Theory and Findings into Effective Behavioral Weight Loss Interventions

CORRINE I. VOILS, Duke University Medical Center;

corrine.voils@dm.duke.edu

Social psychological experiments have contributed greatly to the understanding of human behavior within the social context. However, translating these findings to behavioral interventions is challenging for several reasons. These challenges will be discussed, followed by illustrative examples of theoretically-informed behavioral weight loss interventions delivered in a primary care setting.

1:30 The Relationship between Eating Disorder Symptoms, Stress Generation, and Suicidality

DORIAN R. DODD, APRIL R. SMITH, Miami University; dodddr@miamioh.edu

Baseline food restriction led to increased negative events at Time 2 (4-6 weeks after baseline), and negative events at Time 2 mediated the relationship between restriction and both belongingness and burdensomeness. This may help explain the higher rates of suicide in individuals with anorexia as compared to other eating disorders.

1:45 Cognitive and Affective Biases to Weight-Classified Stimuli in Women with Binge/Purge Symptoms

MELINDA GREEN, Cornell College; mgreen@cornellcollege.edu
The purpose of the present study was to examine cognitive and affective
biases to weight-classified visual stimuli in women with binge/purge
symptoms versus asymptomatic women. Findings suggest women with
binge/purge symptoms show pervasive cognitive and affective biases
toward weight-related stimuli, providing further support for the cognitive
model of disordered eating.

2:00 Revising the Body Esteem Scale for the Next Quarter Century KATHERINE FROST, STEPHEN FRANZOI, Marquette University; katherineakern@gmail.com

The goal of this study was to revise the Body Esteem Scale (BES; Franzoi & Shields, 1984). Results indicated that an addition of a fourth sexuality component as well as some item level changes were necessary in order for the BES to retain its validity as a body esteem measure.

2:15 Perceptions of Childhood Sports Experiences and Adult Physical Activity

JILL RINZEL, University of Wisconsin; jill.rinzel@uwc.edu
The link between the perceived quality of childhood sports experiences and
adult physical activity was investigated. Approximately 900 adults were
surveyed about the supportiveness of their elementary/middle school sports
experience and current physical activity. Results indicate childhood sport
experiences relate to adult physical activity levels.

2:30 Changes in Cognitions and Physical Activity Following Web-based Program Participation

S.L. KARNES, University of Wisconsin Whitewater; B.B. MEYER, L.K. BERGER, M.J. BRONDINO, University of Wisconsin Milwaukee; karness@uww.edu

Twenty-three adults participated in a study examining changes in cognitions and physical activity (PA) following completion of a novel web-based program. Results indicated changes in cognitions in the expected direction as well as increases in PA. Additional research is needed to test efficacy of the intervention and to refine delivery.



MPA Invited Address

FOOTPRINTS OF REMINDING IN MEMORY

AARON BENJAMIN, University of Illinois asbenjam@illinois.edu

Reminding is the process that enables inference across time and space. Here I discuss the causes and consequences of reminding in basic laboratory memory tasks, with an eye towards using the concept of reminding as a tool in understanding important but enigmatic phenomena in cognition, including the beneficial effects of distributing practice and the interpretation of ambiguous events.

Thursday, 1:30-2:50PM Adams
Moderator: FRANK HASSEBROCK, Denison University (6th floor)

POSTER SESSION APPLIED SOCIAL PSYCHOLOGY PERSONALITY & INDIVIDUAL DIFFERENCES

Thursday, 1:30-2:50PM Exhibit Hall

Moderator: ERIN WINTERROWD, University of Wisconsin Oshkosh

1 Gender Roles and Romantic Relationships for Women in STEM KELSEY CHAPPETTA, JOAN M. BARTH, ALABAMA STEM EDUCATION RESEARCH TEAM, University of Alabama;

kchappetta@crimson.ua.edu

We examined female STEM majors' investment in student and relationship roles in comparison to their partners' investment in these same roles. Women were more invested in student roles than relationship roles, but the opposite was true for men. Within their relationships, men and women were similar on traditionalism.

2 Conflict or Congruence: Self-narratives of Highly Feminist and Catholic Women

JULIA C. NOVOTNY, ED DE ST. AUBIN, Marquette University; ed.destaubin@marquette.edu

This study explores how Catholicism and feminism co-exist within the self-narratives of women. Life story (McAdams, 2010) interviews were conducted on women high in both ideologies. A content analysis system revealed recurrent themes. This study provides evidence for ways that emerging adults incorporate seemingly opposing ideologies into one's value system.

3 Cosmo Girl & Lad Mag Ads: A Content Analysis of Gender & Race BETSY MORGAN, University of Wisconsin La Crosse;

bmorgan@uwlax.edu

The gender and racial composition of the 1952 print ads from one year of Maxim and Men's Health were compared to those from one year of Cosmopolitan and Glamour. Models were overwhelmingly Caucasian (71%). Cosmo girl magazines were more likely to depict female models (88%); whereas lad mags averaged 33%.

4 Reducing Homophobia through Simple Interventions

KRISTIE WIRTH, ERIN WINTERROWD, University of Wisconsin Oshkosh; wirthk03@uwosh.edu

The current research investigated decreasing homophobic attitudes through the use of five audio interventions (educational, empathetic, exposure, meditation, and Cognitive Behavioral Therapy). Given the lack of impact of these interventions, these findings verify the complex nature of attitude change and suggest the need for interventions that are more multifaceted.

5 "Real Beauty" Images and Body Image Dissatisfaction: Is There a Difference?

BRIANA MCELFISH, PENNY KOONTZ, APRIL FUGETT, Marshall University; mcelfish@marshall.edu

Previous research has demonstrated that exposure to the thin-ideal is related to an increase in body image dissatisfaction and negative affect and mood in females. This study attempts to evaluate the impacts of increasingly popular "more realistic" depictions of women in advertisements on body image dissatisfaction and affect/mood in viewers.

6 The Effects on Gender-blind Ideology on Gender-Relevant Beliefs and Attitudes

CAROLYN B. ROONEY, JENNIFER S. HUNT, SUNY Buffalo State; huntjs@buffalostate.edu

153 participants completed measures of gender-blind versus -aware ideologies and other views about gender. Gender-blind ideology was associated with higher perceived discrimination and intentions to reduce gender inequality and lower hostile and benevolent sexism. These patterns differ from associations with colorblind race ideologies, suggesting they may be different constructs.

7 How Charming is Prince Charming? Princess Culture's Influence on Relationships

KATHERINE A. MOSIER, JENNIFER S. HUNT, SUNY Buffalo State; huntjs@buffalostate.edu

Narratives about princess-prince relationships reinforce traditional genderroles and heterosexist ideologies. This research investigates how these images may impact expectations and behaviors. Women and men completed measures of princess-prince identification, relationship expectations, and relationship behaviors. Results indicate princess-prince identification is associated with higher relationship initiation, romanticism, and traditional gender-roles in relationships.

8 Region of Upbringing as a Predictor of Identity Centrality in Lesbian, Gay and Bisexual Adults

STEPHANIE M. EMHOFF, BRITTANY K. LANNERT, Michigan State University; emhoffst@msu.edu

This study examined whether region of upbringing affects LGB social identity. Regression analyses showed rural hometowns to be predictive of higher identity centrality. Past bias victimization was shown to be a

mediator for hometown and identity centrality. Results suggest that region of upbringing may impact LGB individuals' social identity.

9 The Effects of Achievement Attribution When Under Stereotype Threat

MATTHEW COYLE, RANDALL A. RENSTROM, Central College; renstromr@central.edu

This experiment examined the effects of stereotype threat and achievement attribution (effort vs. natural ability) on math scores in women. Results suggest the effects of stereotype threat may be magnified for those believing math performance is dictated by innate or natural ability (as opposed to effort and motivation).

10 Masculine and Feminine Identities Moderate Female STEM Majors' Academic Outcomes

JESSICA L EASTIN, DANA M PENSONEAU, RYAN K JACOBSON, BETINA J CASAD, University of Missouri St. Louis; jessica.l.eastin@umsl.edu

Women are well-represented in biology but remain underrepresented in many science, technology, engineering, and math (STEM) fields. To cope with their minority status, women in male dominated STEM subfields disidentify with gender and endorse androgyny. Women in female dominated STEM domains remain highly identified with gender.

11 Climate Predicts Discounting Among STEM Women Mediated by Identity Integration

BREANNA R. WEXLER, THOMAS N. DUBIS, BETTINA J. CASAD, University of Missouri-St. Louis; breanna.wexler@umsl.edu Although women are well represented in universities, they are underrepresented in the fields of science, technology, engineering, and math (STEM). Negative experiences with social climates predicted women's tendency to discount math and science, and this relationship was mediated by decreased identity integration among women in STEM.

12 To Come Out or Not? A Grounded-theory Model of Coming Out Decision-making among Young Adult Bisexual Women

RACHAEL L WANDREY, MARAL SAFAVI, ERIN MOORE, KATIE E MOSACK, University of Wisconsin Milwaukee; wandrey@uwm.edu This study examined the coming out decision-making process among young bisexual women. Our grounded theory analysis suggested a decision-making model that included four major considerations: assessing the self for readiness, assessing the potential receiver of the information, assessing the context, and assessing the benefits versus the cost of coming out.

13 Similar or Different? An Examination of Narratives About Men and Women

KELLY L LEMAIRE, JOSIE M. KUNZE, DEBRA OSWALD, Marquette University; kelly.lemaire@mu.edu

This study examined the content and arguments made in participant's essays when asked to write about a time when they recognized women and men were similar or different. Individuals identified were similar across conditions; time frames, arguments used and some characteristics varied. Results suggest very few gender differences in essays.

14 Accuracy of Perceptions of Mate Preferences by Different Sexual Orientation Groups

EMILY GRAHAM, TARA YOUNG, ANGELA G. PIRLOTT, University of Wisconsin Eau Claire; pirlotag@uwec.edu

Heterosexual and gay/lesbian men and women rated their mate preferences in short- and long-term relationships, along with their perceptions of the mate preferences of their desired mates. Perceived mate preferences and actual preferences correlated highly, even across sexual orientations, underscoring the accuracy of perceptions of mate preferences.

15 Digit Ratio and Perceived Attraction in Females and Males KELLY L. KANDRA, HAJIRA DOGAR, Benedictine University; kkandra@ben.edu

The current research explored the possible relationship between perceived attraction in association with the 2D: 4D digit ratio. Images of gender-specific right hands were shown to 222 undergraduate students. Chi-square Goodness-of-Fit tests indicated males favored the average 2D:4D female digit ratio and females favored the 2D:4D gender appropriate male ratio.

16 Sexual Victimization among Self-Identified Heterosexual and Non-Heterosexual College Men

SAMUEL C. KLOSSNER, RAEANN ANDERSON, SHAWN P. CAHILL, University of Wisconsin Milwaukee; scklossner@gmail.com
The study examined the prevalence of sexual violence against college men and compared results for self-identified heterosexual and non-heterosexual individuals. Results show that non-heterosexual men reported a larger percentage of victimization than that of heterosexual men. Further research may investigate the relationship between sexual orientation and sexual victimization.

17 Children's Report of Abuse in their Parents' Marital Relationships: A Study of Immigrant and Non-Immigrant Families

NAHEED HASAN, SHAHEED CHOWDHURY, ANDREA ROTH-GEORGHITA, FIO GIOCOMANTONIO, College of DuPage;

ANASTASIA MENDOZA, University of Illinois at Chicago; GERALD REIMER, College of DuPage; hasann@cod.edu

A survey examined 581 college students' report of abuse between their parents. Analyses reveal that mothers use more verbal/mental abuse while immigrant and Asian immigrant fathers use more physical abuse toward their spouses.

18 Why Am I Left Out? Interpretations of Exclusion Affect Anti-Social and Pro-Social Behaviors

AMBER DEBONO, MICHELLE BRYANT, NATARSHIA CORLEY,

Winston-Salem State University; debonoae@wssu.edu

Perceptions of exclusion and resulting emotional states may impact behavioral reactions. Participants were either included or excluded, but excluded participants were informed that the excluders either did not respect or disliked them. The results suggest that exclusion perceptions and emotional states determine whether people react with pro-social or aggressive behavior.

19 Exploring the Effect of Interactive Violent Videogames on Aggressive Cognitions

RANDALL A. RENSTROM, KELSIE EVANS, Central College; renstromr@central.edu

Using a novel manipulation of videogame violence (interactive Wii games that require players to physically act out aggressive or nonaggressive actions), the relationship between videogame violence and subsequent aggressive cognitions was explored. Results support research stating that the link between videogame violence and real-world aggression is rather tenuous.

20 Mindfulness, Emotion Regulation Difficulties, and Child Physical Abuse Risk

KRISTEN THOMPSON, REGINA HIRAOKA, GIM REO, MICHAEL WAGNER, JULIE L. CROUCH, JOEL S. MILNER, JOHN J.

SKOWRONSKI, Northern Illinois University;

kristenleighthompson@gmail.com

This study examined whether parents with higher levels of mindfulness evinced lower child physical abuse (CPA) risk and whether this association was partially mediated through emotion regulation difficulties. Results suggest that mindfulness-based therapies may help at-risk parents improve their emotion regulation abilities and thereby reduce risk of CPA.

21 Partner Violence and Injury: The Moderating Role of Personality Dysfunction

JODY ROSS, RACHEL ZACHAR, KIRSTIE BARBIER, AMY BLACKFORD, KIMBERLY HERZOG, Indiana University-Purdue University Fort Wayne; rossj@ipfw.edu

Antisocial and borderline personality traits were examined as moderators of the relation between frequency of intimate partner violence (IPV) perpetration and victim injuries among a sample of male and female IPV offenders. Significant moderating effects were found for both types of personality dysfunction, but only among female perpetrators.

22 Sexual Assault History and Emotion Regulation in the Prediction of Adolescent Dating Violence

JACKSON GRAY, JESSICA HOUSTON, JOHN GRYCH, Marquette University; jackson.gray@marquette.edu

This study focused on adolescent dating violence and the mechanisms that make victims of assault vulnerable to later victimization. We looked at the roles that sexual assault history and emotion regulation play in predicting victimization and emotion regulation as a moderator in the relationship between sexual assault history and victimization.

23 Aggressive Behavior as a Function of Personality and Provocation JAY W. JACKSON, LUCAS A. MILLER, Indiana University-Purdue University Fort Wayne; ZACHARY C. ROTH, Western Illinois University; jacksonj@ipfw.edu

We examined how different personality traits are related to provoked versus unprovoked aggression. Participants completed measures of the "dark triad" and the Big 5. They then received insulting or positive feedback from an online partner. As predicted, narcissism and neuroticism interacted with feedback on measures of aggression and anger.

24 Ethno-racial Comparisons of Women's Exposure to Intimate Partner Violence

HANNAH M. DURBIN, SANDRA A. GRAHAM-BERMANN, ANDREW C. GROGAN-KAYLOR, MARIA M. GALANO, University of Michigan; NORA MONTALVO-LIENDO, Friendship of Women, Inc.; hdurbin@umich.edu

Reports of intimate partner violence (IPV) exposure by race are mixed due to disparate sampling techniques. The current study compares indicators of injury, psychological aggression, sexual coercion, and physical assault for Latina, African-American, and white women. Analyses indicate that IPV varies in type, rate, and severity according to racial group.

25 Dark Personality Features and Sexual Aggression in Men CHRISTOPHER J HOLDEN, ANDREW HOLUB, BRIAN ENJAIAN, VIRGIL ZEIGLER-HILL, Oakland University; cjholden@oakland.edu Certain personality features (e.g., narcissism) have been shown to be associated with sexual aggression. We investigated whether other dark personality features are associated with sexual aggression in men. Results suggest that men who have inflated self-views, are manipulative, withdrawn, and avoid intimacy are more likely to be sexually aggressive.

26 Sexual Assault Responsibility Attributions: The Moderating Effect of Victim Empathy

SAPIR SASSON, JENNIFER M. MILLIKEN, LISA A. PAUL, Northern Illinois University; ssasson@niu.edu

This online vignette study examined rape responsibility attributions given assault characteristics and participants' victim empathy. Victim empathy, perpetrator use of force, perpetrator identity, and the interaction between identity and empathy predicted attributions of victim responsibility. Victim empathy, perpetrator identity and the interaction between them predicted perpetrator responsibility.

27 Acceptability/Morality of Verbal Harassment towards Homosexual University Students

STACEY BRADBURY, ALAN DAVIS, JACLYN LEITH, NOVA HINMANN, LISHAM ASHRAFIOUN, JACOB BURMEISTER, DRYW DWORSKY, Bowling Green State University; sbradbu@bgsu.edu Universities have tried to make campuses safer for sexual minorities, but homosexual students are more often the targets of harassment compared to non-homosexuals. We found that level of comfort with sexual minorities and one's own involvement with perpetrating social and physical bullying is related to greater acceptability of verbal harassment.

28 Violent Experiences Questionnaire Predictors of Low Base-rate Aggressive Acts

ALAN R. KING, University of North Dakota; alan.king@und.edu Child physical abuse portended an increased risk (RR \sim 3 to 9) of physical fighting, violence-related trouble, inflicting violent injury, and threat(s) to kill among college students (n = 171). Corporal punishment elevated the risk (RR \sim 2 to 4) of physical fighting or inflicting violent injury to another.

29 Levels of Social Anxiety and Animal Appearance on Aggression Levels

DENISE D. GUASTELLO, LAURA EIRICH, CASEY MCMAHON, AARON NEITZEL, ANDREW RAPINCHUK, Carroll University; dguast@carrollu.edu

Covert and overt aggression levels based on social anxiety and animal appearances were investigated. Overt and covert aggression were significantly influenced by social anxiety. High social anxiety participants

were more aggressive. In addition, covert aggression was influenced by animal appearance. Participants who viewed the sad slideshow were more covertly aggressive.

30 Effects of Parental Rejection, Attachment, and Emotional Dysregulation on Aggression

ROBERT CASSELMAN, Winona State University; MELISSA MCKENZIE, Northern Illinois University; rcasselman@winona.edu This study examined the relationship between young adults' perceived parental rejection, insecure adult attachment, emotional dysregulation, and aggression. Results indicated that father and mother rejection had indirect effects on aggression via insecure adult attachment and emotional dysregulation. It is concluded that parents, attachment security, and emotional functioning may impact aggression.

31 Personality and Perceptions of Stigma in Parents of At-Risk Youth RENÉE M. TOBIN, ADENA B. MEYERS, JENNIFER L. ENGELLAND, ALEXANDER L. CORBIN, BRENDA J. HUBER, Illinois State University; rmtobin@ilstu.edu

The present study examined the relations among parent personality and perceptions of stigma in parents of youth who screened positive for mental health issues. Specifically, agreeableness was inversely related to stigmatizing cognitions and behaviors, whereas neuroticism was positively related to these cognitions. Implications of these results will be discussed.

32 Personality and Blood Pressure: What Is Their Role in Pain? LAURA M. SMART, IAN A. BOGGERO, TRACEY C. KNIFFIN,

University of Kentucky; lauramsmart@uky.edu

Previous studies have shown that neuroticism and blood pressure are positively correlated with pain tolerance. The current study examined the roles of these variables on pain tolerance in pain-free adults. Results revealed no significant main effects; however, neuroticism was found to moderate the relationship between blood pressure and pain tolerance.

33 The Influence of Revised-RST Subsystems on Social Anxiety Symptoms

SAM KRAMER, KRISTIN WIGGS, BENJAMIN RODRIGUEZ, Southern Illinois University Carbondale; slkramer@siu.edu

Research regarding the role of the BAS in social anxiety has been mixed. The current study examined the influence of Revised Reinforcement Sensitivity Theory systems on social anxiety. Results indicated that high BIS and FFFS sensitivity combined with lower BAS sensitivity predicts social interaction anxiety and social observation anxiety symptoms.

34 Effects of Age and Prison Sentence on Intrapersonal Traits in Offenders

LUCI L. DUMAS, University of Northern Iowa; dumasl@uni.edu Male offenders who reside in a residential correctional facility were interviewed on certain intrapersonal factors. Analyses based on the general linear model assessed the predictive relationship between age, prison sentence, LOC, and personality. Results showed that age significantly predicted key personality traits, such as reported levels of extraversion.

35 Career-Life Preparedness: Criterion Validity of Big Five Personality Facets

RONALD FELDT, DENNIS DEW, JEN LEE, REBECCA LOUISON, NIKOLA UTINKOVA, KYLA LINDLEY, ALLISON ROE, MEGAN TIMM, Mount Mercy University; rfeldt@mtmercy.edu

The study investigated relationships between facets of the Big Five Inventory (BFI) and measures of career-life preparedness during the exploration stage of development in college students. Evidence supports use of BFI facet scores for predicting career adaptability, career optimism, and career decidedness.

36 Big Five Personality Traits and Eating Habits

PENG ZHANG, TSAMCHOE DOLMA, HELEN C. HARTON, NICHOLAS T. SCHWAB, BROOKE AMMERMAN, University of Northern Iowa; zhangpab@uni.edu

College students living in the residence halls completed a survey assessing their Big Five personality traits and eating habits. Students who were higher in neuroticism or lower in conscientiousness reported more problematic health behaviors, such as eating fewer fruits and vegetables and eating while watching browsing the internet.

37 Personality Through Pictures: Judgments of Personality on Photoblogging Sites

JEREMY ASHTON HOUSKA, REBECCA YEVCHAK, Centenary College of New Jersey; houskaj@centenarycollege.edu
People make inferences about others based on information visible on social media sites. Participants viewed a series of photos related to material consumption or travel, and were asked to rate the Tumblr profile owners' personality based on those photos. Effects emerged for openness to experience and emotional stability.

38 The Impact of Dispositional Aggression on Subjective Well-Being KATHARINA KLUWE, FRED BRYANT, Loyola University Chicago; kkluwe@luc.edu

We investigated potential mechanisms through which dispositional aggression influences individuals' subjective well-being. Although physical aggression, verbal aggression, and anger did not predict well-being, social support mediated the negative impact of hostility on life satisfaction, and social connectedness mediated the impact of hostility on happiness and depression.

39 The Interactive Effects of Anthropomorphism and Loneliness on Paranormal Beliefs

CHRISTINA M. GRUENWALD, JEFFREY B. BROOKINGS, Wittenberg University; jbrookings@wittenberg.edu

Lindeman and Aarnio (2007) defined paranormal beliefs as "category confusions." We tested a model in which paranormal beliefs were hypothesized to derive jointly from loneliness and a predisposition to anthropomorphize. The model was supported for two types of beliefs: alternative medicine and spiritualism.

40 Intolerance for Uncertainty and Creativity

JASON W. HART, LAURA LITTLE, SARAH MINES, KAYLA JEWETTE, SHIQUEEN BROWN, CASEY TEW, Christopher Newport University; jason.hart@cnu.edu

The present study examined the relationship between intolerance for uncertainty and creativity. As predicted, intolerance for uncertainty was inversely related to creativity. A subsequent regression found that only one factor of intolerance for uncertainty predicted creativity. Implications of these findings for future research are discussed.

41 It's [Not] in Our Blood: Exploring Blood Type and Personality REBECCA ANDERS BUCKNER, JOHN ERNEST BUCKNER V,

Livonia, Michigan; rbuckner@carhartt.com

This study furthers personality and blood-type research by addressing many of the shortcomings of previous studies. Volunteers (199) in Michigan and Louisiana completed a big-five personality measure and indicated their blood type, sex, and age. No link between blood-type and personality was found.

42 Backing the Wrong Horse: Worldview Threat Reduces Predicted Age of Death

JOHN H. YOST, John Carroll University; KATHLEEN M. PATTON, Ohio State University; jyost@jcu.edu

The hotly contested and divisive 2012 Presidential Election provided an opportunity to examine worldview threat (cf. Terror Management Theory). As predicted, ardent Romney supporters predicted an earlier age of death

(vs. ardent Obama supporters). The election outcome caused Romney supporters to experience a diminished sense of personal longevity.

43 Emotional Life, Criticism, and Vulnerable Narcissism STEPHANIE D. FREIS, ROBERT M. ARKIN, Ohio State University; stephanie.fr08@gmail.com

Negative feedback left grandiose narcissists confused while those low in vulnerable narcissism were angry and ashamed. Those high in vulnerable narcissism were angrier after ambiguous feedback, particularly when authenticity was low. Findings conflict with past research, suggesting that social-threat salience is critical in understanding narcissistic subtypes' emotional life.

44 Disinhibited Traits among College Students with Parental Risk for Alcoholism

AMY J. FAHRENKAMP, Kent State University; SCOTT R. CARLSON, University of Minnesota Duluth; afahrenk@kent.edu Impulsive personality traits predict drinking behaviors and family history is linked to individuals' increased likelihood to drink. This study examined relatively new conceptualizations of impulsivity in undergraduates with and without parental history of alcoholism. Individuals with family history of alcoholism scored higher on some traits (i.e., Negative Urgency and Disinhibition).

45 Evidence for a Critical Period in Skilled Performance: The Case of Piano Sight-Reading

ELIZABETH J. MEINZ, Southern Illinois University Edwardsville; DAVID Z. HAMBRICK, Michigan State University; TODD A. VOGEL, ERIN M. GOURLEY, DAVID A. GRYBINAS, Southern Illinois University Edwardsville; emeinz@siue.edu

Adult pianists completed measures of practice motivation, cumulative practice, and sight-reading skill. As expected, motivation predicted cumulative practice, which predicted skill. However, the effect of early starting age on skill could not be entirely explained by accrued practice, suggesting a possible critical period for the development of musical skill.

46 Belief in "The Great Myths of Psychology" among College Students ELIZABETH J. MEINZ, WHITNEY A. DOMINGUEZ, JENNIFER L. TENNISON, Southern Illinois University Edwardsville; emeinz@siue.edu To investigate predictors of belief in psychological myths, Introductory-and Senior-level psychology students completed measures of psychomythological beliefs, cognitive abilities, intellectual openness, and psychology experience. Overall, belief in the myths was strong, although

Seniors believed fewer myths than Introductory students. In addition, crystallized abilities and Intellectual Openness predicted beliefs.

47 Relationships between Personality and Attitudes toward Guns and Mental-Health Services

RANDALL A. RENSTROM, MOLLY AMMERMAN, Central College; renstromr@central.edu

Relationships were examined among various personality traits (individualism-collectivism, authoritarianism, death anxiety) and attitudes towards guns, crime, and the perceived usefulness of mental health services. Results are discussed in terms of personality profiles that typically have more (vs. less) favorable attitudes toward expanding gun rights and the utility of mental-health services.

48 The Relationship between Personality Characteristics and Sarcasm Use

SEAN PRIHODA, RANDALL A. RENSTROM, Central College; renstromr@central.edu

This study found relationships between various styles of sarcasm (aggressive, self-defeating, affiliative) and personality traits. Overall, more negative or biting forms of sarcasm were correlated with negative personality traits (such as high emotional instability and low agreeableness). Results are discussed in terms of sarcasm usage among different personality types.

49 The Dark Triad and Curiosity about Negative Events

EMILY E. ADAMS, DAVID J. LANE, JACOB M. STOLMEIER, Western Illinois University; ee-adams@wiu.edu

A survey of college students revealed that sensation seeking may explain the relationship between the Dark Triad and morbid curiosity. The Dark Triad did not correlate with interest in negative social events, suggesting that negative social situations are merely opportunities for novel experiences for those high in the Dark Triad.

50 Race-Based Contingent Self-Esteem Moderates Stress and Psychological Adjustment

THOMAS D. EWING, AMY NOSER, VIRGIL ZEIGLER-HILL, Oakland University; tdewing@oakland.edu

Researchers are interested in the relationship that race-related stress has with psychological adjustment. The current study investigated whether race-based contingent self-worth moderated the association between race-related stress and psychological adjustment. Results indicate that individuals with high levels of race-based contingent self-worth reported especially poor adjustment when they experience race-related stress.

51 Exploring Potential Mediators between Personality Features and Subjective Well-Being

NOAH POLLOCK, AMY NOSER, CHRISTOPHER HOLDEN, VIRGIL ZEIGLER-HILL, Oakland University; ncpolloc@oakland.edu We tested the hypothesis that the way in which people seek happiness (e.g. through a life of pleasure, engagement, or meaning) would mediate the relationship between personality features and subjective well-being indicators. Multiple mediation analyses demonstrated that a life of meaning partially mediated the relationship between extraversion and life satisfaction.

52 Religion, Faith in Intuition, Mystical Experiences, and Pseudoscientific Belief

STEVEN J. HOEKSTRA, Kansas Wesleyan University; hoekstr@kwu.edu Researchers measured beliefs (pseudoscientific, supernatural, religious, etc.), Need for Cognition, Faith in Intuition, Mystical Experiences and Religiosity. Neither NFC nor FI predicted belief endorsement. Mystical Experiences related to religious beliefs but not other subscales. Religiosity related only to religious beliefs, but Indiscriminant Proreligiosity related to a variety of paranormal beliefs.

53 Quit Giving Us Bad Data! Academic Entitlement, Aggression, and the Big Five as Predictors of Counterproductive Research Behaviors JUSTIN M. TAYLOR, SARAH F. BAILEY, LARISSA K. BARBER, Northern Illinois University; jtaylor.psych@gmail.com Counterproductive research behaviors (e.g., careless responding, absences) are detrimental to psychological research. This study examined academic entitlement (AE) as a predictor of counterproductive research behaviors, as well as incremental predictive validity beyond implicit aggression, hostility, and the Big 5. AE predicted counterproductive research behaviors, but did not add incremental validity.

54 Academic Entitlement, Self-Control, and Academic Performance BLAIR GJEVRE, LAUREN A. LARUE, RANDALL A. GORDON, University of Minnesota, Duluth; rgordon1@d.umn.edu As predicted, academic entitlement was negatively correlated with course grades and self-control was positively related to grades. The relationship between entitlement and academic performance was shown to be primarily a function of male participant responses. Potential mediators of the relationship between entitlement and academic performance are discussed.

55 Openness to Change as an Agentic Value

MICHAEL GURTMAN, MONICA JOHNSON, University of Wisconsin Parkside; gurtman@uwp.edu

Openness to Change (OC) can be conceptualized as an Agentic value directed toward individuation and self-expansion. We examined OC within the broader context of personality traits, motives, goals, and self-construals. The results link OC, as a value priority, to a variety of Agency-themed personality variables.

56 Psychological Trauma and Health: Impact of Gender and Dispositional Forgiveness

MOLLIE C. KENNEDY, WHITNEY K. JETER, LAURA A. BRANNON, Kansas State University; wjeter@ksu.edu

Despite consequences of trauma, it remains unclear why individuals develop negative health outcomes. The current study identified dispositional forgiveness as a moderator to health symptoms following trauma for women and men. Results show dispositional forgiveness impacts health differentially based on gender. Contributions of these findings and future research are discussed.

57 What Does the Rejection Sensitivity Questionnaire Composite Score Measure?

JEFFREY B. BROOKINGS, CLIFFORD E. BROWN, Wittenberg University; jbrookings@wittenberg.edu

The Rejection Sensitivity Questionnaire (RSQ) is scored by averaging the product of two responses (anxiety, expectation) to 18 items, but our analyses show that these responses are largely independent. The RSQ scoring algorithm should be revisited to clarify our understanding of rejection sensitivity and its implications for close relationships.

58 Development of a Brief Scale to Measure Maslow's Needs JARED RUCHENSKY, GARY LEAK, LAURA FINKEN, Creighton University; gkl@creighton.edu

We validated an author-constructed short form of Maslow's hierarchy of needs. We predicted and found that the brief version of each need scale had equivalent validity coefficients as the established measure when correlated with daily goal strivings reflecting one's motivation in daily life.

59 Examining MACI Personality Scales as Predictors of Criminality in Juveniles

KAYLEE NEWBY, PAUL INGRAM, TRACY SCHMIDT, University of Kansas; kaylee.newby@ku.edu

Research examining personality as a predictor of delinquency has produced mixed results. The present study provides support for predicting serious

non-violent offenses using the MACI personality scales. Findings suggest considerations are needed in interpreting MACI profiles when making treatment recommendations for juveniles to reduce criminal recidivism.

60 Negative and Positive Urgency May Both Be Risk Factors for Compulsive Buying

PAUL ROSE, DANIEL J. SEGRIST, Southern Illinois University Edwardsville; prose@siue.edu

Multiple analyses of data obtained from 514 online survey respondents demonstrated that individual differences in tendencies to act rashly while in bad moods (i.e., negative urgency) and individual differences in tendencies to act rashly while in good moods (i.e., positive urgency) independently predicted compulsive buying with similar strength.

61 Genre Differences in the Effects Video Games Have on Cyber Bullving

JORGE A. BLANCO-HERRERA, CHRIS BARELETT, SARA PROT, OLIVIA BERCH, SHEA MCCOWEN, CLARISSA ADAMS, GOLDINA, Iowa State University; jorgeb@iastate.edu

Given the rise of cyberbullying across the world, this study aims to provide preliminary data to highlight videogame genres with violent content as a correlated variable requiring more investigation. Results supported predictions given by the General Aggression Model and showed a gender difference in video games effects to offline bullying.

62 Driving Behavior Change as a Function of Population

MONTGOMERY C. LYONS, AMBER L. SCHRAMM, SUNDÉ M. NESBIT, University of Northern Iowa; mclyons18@gmail.com
This study investigates whether population density of the area within which people drive predicts specific kinds of driving behavior. Population density significantly predicted drivers' perceptions of their own abilities and predicts risky driving behaviors. This research has implications for the identification of the predictors of aggressive behaviors on the roadways.

63 Driving Anger Predicted by Commute, Forgiveness, and Considerations for Consequences

AMBER L. SCHRAMM, MONTGOMERY C. LYONS, SUNDÉ M. NESBIT, University of Northern Iowa; schramma@uni.edu
This study evaluated trait forgiveness and dispositional consideration of future consequences as predictors of driving anger for commuters.
Participants responded to items measuring typical driving experiences, future considerations, and forgiveness. Results showed that forgiveness and tendency to consider future consequences directly impacts trait driving anger.

64 Attributions Made by Trait Angry Drivers

CORINA KLEIN, University of Northern Iowa; KEVIN BLANKENSHIP, Iowa State University; SUNDÉ M. NESBIT, University of Northern Iowa; kleincae@uni.edu

Trait angry drivers experience more roadway anger and aggression; however, little is known about their associated cognitive attributions toward other drivers. Higher DAS scorers were expected to endorse more dispositional and negative attributions within provoking situations. High DAS participants reported more persecutory attributions and more generalized attitudes about other drivers.

65 Students Anxiety about and Use of Electronic Devices during Class SHELIA P. GREENLEE, DOROTHY C. DOOLITTLE, STARR ESHLEMAN, KAITLIN MITTON, CHRISTINA MARTIN, MARIE TATE, ASHLYN BRADY, Christopher Newport University; sgreenle@cnu.edu

Students' use of and anxiety about cell phone and laptop use in the classroom is reported. Excessive use can be detrimental to grades and emotionally upsetting. Results show differences in usage and anxiety by gender. Students' grade point averages and texting averages are reported.

66 Student Perceptions of Phone and Laptop Distractions in the Classroom

DOROTHY C. DOOLITTLE, SHELIA P. GREENLEE, STARR ESHLEMAN, KAITLIN MITTON, CHRISTINE MARTIN, MARIE TATE, ASHLYN BRADY, Christopher Newport University; dolittle@cnu.edu

Students in a study of texting in the classroom completed a survey that measured their perceptions of cell phone and laptop use as distracting. Females found many of the activities more distracting than did males. Students felt they could pay attention and text, even though they rated activities as distracting.

67 Consent Form Length and Presentation Affects Study Knowledge but not Attitudes

MICHAEL MINTZ, HELEN C. HARTON, ASHA GANESAN, ANITA GORDON, DANIELLE STUCK, KRISTIN BROUSSARD, WAYVA LYONS, University of Northern Iowa; mintzm@uni.edu

Previous clinical studies have shown that participants may not fully understand information presented in consent forms. We found that, across 3 types of samples, recall of consent document information after a psychology study was greater when it was presented in a short consent paragraph vs. a traditional consent form.

68 Perceptions of Legal Policy and Sex Offender Treatment

KIRSTEN S. ENGEL, KARYN PLUMM, University of North Dakota; kirsten.s.engel@my.und.edu

Sex offender policy, treatment, and public perception are intertwined in policies regarding sex offenders. Participants received varying amounts and types of information to examine how receiving accurate information may influence their perceptions, understanding, and agreement. The findings revealed a complex view of what it may take to influence these ideas.

69 College Students' Academic Performance and Coping Strategies Predict Institutional Commitment

JOSHUA LAMBERT, Eastern Illinois University; BIANCA YOUNAN, RANDIE C. CHANCE, MEERA KOMARRAJU, Southern Illinois University Carbondale; meerak@siu.edu

Students employ various coping strategies in order to handle the many stressors that they experience during their college years and this may influence students' commitment to their institution. Our study of 532 students found that cumulative GPA and avoidance coping strategies were significant predictors of institutional commitment.

70 Vendor Trust Impacts on Online Shopping Behaviors: US and China

WEI ZHOU, KAREN HUDZINSKI, Cleveland State University; LUMING YANG, Yunan University China; MU WU, Pennsylvania State University; zwsmn@yahoo.com

US (n=458) and Chinese (n=428) survey respondents showed that US and Chinese consumers differ both in the nature of vendor trust and in the consequences of trust dimensions for online shopping. Implications are drawn for cross-cultural generalization theories of consumer behavior.

71 Cafeteria Wasteland: Convincing Diners to Discard Less Food TERRANCE L. STEELE, CAROLE J. HETZEL, Cardinal Stritch University; tlsteele@stritch.edu

Two experiments determined the effects of signage on promoting food waste reduction in a university cafeteria. Posters depicted large quantities of waste generated in a previous year. Results showed signs were ineffective in reducing waste, suggesting knowledge of discarded food might not encourage conservation. Principles of reactance theory are explored.

72 Perceptions of Research Ethics among Undergraduates, Faculty, and the Public²

ASHA GANESAN, HELEN C. HARTON, DANIELLE B. STUCK, WAYVA W. LYONS, ANITA M. GORDON, KRISTIN A. BROUSSARD, MICHAEL MINTZ, University of Northern Iowa; ganesana@uni.edu Reactions to ethics-related research scenarios across undergraduates, faculty, and lay-persons were compared. Faculty rated most issues as problematic. Relative to lay-persons, psychology undergraduates viewed unethical practices as less problematic. Results suggest undergraduates may not understand the consequences of unethical practices. Generational differences in perceived severity of unethical practices are possible.

73 Stalking Perceptions: Impact of Gender and Level of Threat KATLIN J. RHYNER, CAROLYN A. UHL, CHERYL A. TERRANCE, University of North Dakota; katlin.rhyner@my.und.edu Perceptions of stalking (N = 145) were examined using scenarios that systematically varied threat level (explicit vs. implicit) and victim gender within the context of a heterosexual relationship. Main effects for both variables were evident for severity ratings and the extent to which scenarios reflected stalking. Implications are discussed.

74 Perceptions of Police Officer Behavior and Role of Gender-Based Expectations

CAROLYN A. UHL, KATLIN J. RHYNER, CHERYL A. TERRANCE, University of North Dakota; carolyn.uhl@my.und.edu
Participants' (N = 312) perceptions of the use of force used by a police officer was examined. Using vignettes, gender of officer and assailant were varied. Consistent with gender-based expectations, results support differences in perceptions of police officer behavior as a function of officer and assailant gender. Implications are discussed.

75 Responses to a Nuanced Media Portrayal of Intimate Partner Violence

JILL M. COLEMAN, Roosevelt University; RENAE FRANIUK, Aurora University; ALICIA DOTY, DAN FLAVE-NOVAK, LINDSAY SYCZ, Roosevelt University; jcoleman@roosevelt.edu
Participants who were asked to reflect on a popular song featuring a nuanced portrayal of intimate partner violence did not endorse partner violence myths more than participants who did not reflect on the song. Greater familiarity with the song was associated with greater recognition that the song was about violence.

² Graduate student paper award winner.

76 Person- and Thing-orientations Impact Learning Depending on the Medium

RUNKANG HU, MEGHAN E. NORRIS, JEONGHO HAN, Purdue University; meghan@purdue.edu

This experiment explored whether person- and thing- orientations differentially predicted learning of financial information depending on informational medium (video or text). High levels of person-orientation predicted learning when information was presented through a person-based medium (video), but not when presented via text. High levels of thing-orientation did not predict learning.

77 What Matters When Choosing Where To Live: Neighborhood Or Money?

DENNIS L. POEPSEL, WOODY GARDINER, YU MEN, GREG SCHEETZ, Truman State University; dlpoep@gmail.com
Past work suggests properties with refunds are only preferred in "bad" neighborhoods. Two rental properties had their neighborhood, price, and the presence of a refund on rent varied. Results show preference for good neighborhoods above and beyond all other factors, suggesting limitations on the influence of protective refunds.

78 Age Differences in Emotional Decision-Making: Gender Matters A. KATHERINE HARRINGTON, University of Akron; AMY R. LEMELMAN, University of Alabama Birmingham; JENNIFER TEHAN STANLEY, University of Akron; akh36@zips.uakron.edu In addition to age, gender influences whether physiological and affective styles relate to emotional decision-making. Older women with poor decision-making were the only group to exhibit a link between discriminatory skin conductance for bad versus good choices. Additionally, young adult women who are more optimistic performed better on decision-making.

79 Personal Factors and Engagement with an App-based, Gratitude Intervention

JASON D. RUNYAN, DOUGLAS A. DAUGHERTY, TIMOTHY A. STEENBERGH, SARAH RINGENBERG, Indiana Wesleyan University; doug.daugherty@indwes.edu

Smartphones are increasingly ubiquitous and a growing body of research supports the clinical merits of app-based interventions for fostering behavioral change. However, relatively little is known about individual factors associated with the use of these apps. We examined various personal factors and identified several associated with (gratitude-)app engagement.

80 Felicidad at Work: Perception of Happiness Among Latino and US Born Miamians

PATRICIA ITURRIAGA, TONI DIDONA, Carlos Albizu University; patri0319@yahoo.com

The researchers hypothesized that there is a significant difference between Latino immigrants and born-in-America individuals in their perception of happiness at work. This study took place in Miami. A convenient quota sample of 100 participants was given a Likert Scale Questionnaire. The t-test results did not prove the researchers' hypothesis.

81 Psychometric Properties of a Modified Attitudes towards Dating Violence Scale

CARIN K SMITH, GEORGE A. GAITHER, -YI LIN, ALYSSA M. SPURLING, Ball State University; cksmith@bsu.edu

The current study examined the psychometrics of a modified Attitudes Towards Dating Violence Survey with separate items for attitudes towards male vs female perpetrated violence. Reliabilities for both set of items were good (a = .88 and .89) and there was no significant difference by sex of the perpetrator.

82 Effects of Romantic Narratives and Parasocial Relationships on Relationship Evaluations

ARIANA F. YOUNG, SHIRA GABRIEL, University at Buffalo; afyoung@buffalo.edu

We hypothesized that parasocial relationship (i.e., one-sided psychological connection) status with fictional couples would moderate the effects of romantic narratives on individuals' evaluations of their own relationships. Results revealed that people who had a parasocial relationship with the characters in a romantic narrative experienced boosts to their relationship commitment.

83 Parasocial Breakup from Twilight

AIMEE ADAM, University of Southern Indiana; asadam@usi.edu The purpose of this study was to investigate predictors of emotional distress after the loss of parasocial relationships. I administered an online survey to self-selected Twilight fans as the last Twilight movie aired. Results indicate that the type of parasocial attachment is related to parasocial breakup distress.

84 Thou Shalt (Not) Help Others? Testing the Impact of Religious Primes on Pro-social Behavior

SUSAN MARKUNAS, ROBERT PULLEN, ANIKO BLAKE, NICOLE KOWALSKI, JOSEPH R. FERRARI, DePaul University; smarkuna@depaul.edu

A study investigating how religious priming and status affect pro-social behavior, moral attribution, and spiritual well-being produced thought-provoking results. Neither religious priming nor religious status had an effect on pro-social behavior. In addition, participants who identified as religious reported lower scores on a spiritual well-being scale.



American Psychological Association Invited Workshop

MASTERING APA STYLE

JEFF HUME-PRATUCH; APA Manuscripts Office

Knowledge of APA Style is a must for those who hope to publish. But it can be hard to keep up with all the ins and outs of style as new resources and publishing formats proliferate. Wouldn't it be great to have an APA Style Expert at your elbow? That's just what you'll get in this session, led by a manuscript editor from one of APA's flagship journals. In addition to providing an overview of the basics, we'll cover some of the most frequently asked questions about APA Style. This session is recommended for those who are new to APA Style, need a refresher on the changes in the sixth edition of the APA *Publication Manual*, or advise students about APA Style. Come and bring your questions!

MPA greatly thanks the American Psychological Association Publications and Communications Board for sponsoring this workshop.

Thursday, 2:00-2:50PM Marshfield



MPA Invited Statistics Workshop

HACKING PROCESS: SOME ADVANCED AND UNDOCUMENTED APPLICATIONS IN MEDIATION AND MODERATION ANALYSIS

ANDREW F. HAYES, Ohio State University hayes.338@osu.edu

This workshop illustrates some advanced uses of the PROCESS procedure for SPSS and SAS not documented in Introduction to Mediation, Moderation, and Conditional Process Analysis (The Guilford Press, http://www.guilford.com/p/hayes3). Examples include multicategorical independent variables and moderators, probing moderated curvilinear associations, complex contrasts between indirect effects, and moderated serial mediation.

Thursday, 3:00-4:50

Wabash

PHYSIOLOGY & BEHAVIORAL NEUROSCIENCE

Thursday, 3:00-4:00PM Salon 1 Moderator: DOUGLAS WALLACE, Northern Illinois University

3:00 Invited Talk

Sweet Revenge: Unintended Metabolic Consequences of Non-Caloric Sweeteners

SUSAN E. SWITHERS, Purdue University; swithers@purdue.edu Non-caloric sweeteners have been promoted as one solution to the obesity epidemic. However, consumption of such sweeteners seems to exacerbate metabolic disturbances, rather than reducing them. This counterintuitive result may occur due to interference with basic learning processes that normally operate to regulate energy balance.

3:30 Behavioral Differences Between Rats Bred for High and Low Running

DENNIS K. MILLER, JACOB D. BROWN, ANAMARIJA FILIPI, REBECCA WILDING, MATTHEW J. WILL, FRANK W. BOOTH, University of Missouri; millerden@missouri.edu

Our research team has developed strains of rats selectively-bred for high and low voluntary wheel running (HVR and LVR). The present study investigated groups of male and female HVR and LVR rats in standard animal models of the symptoms of depression, anxiety, hypersensitivity to pain and cocaine abuse.

3:45 The Role of Glutamate in Pavlovian Valuation

JONATHAN J CHOW, JOSHUA S BECKMANN, University of

Kentucky; jonathan.chow@uky.edu

Reward-predictive stimuli can elicit sign- and goal-tracking responses. These different response types are thought to be mediated by different valuation systems. We used different stimuli to specifically elicit different response types to investigate the relative valuation of a stimulus and examined the role of glutamate in these processes.

ATTACHMENT, ROMANTIC RELATIONSHIPS & INFIDELITY

Salon 3 Thursday, 3:00-5:00PM

Moderator: SHIRA GABRIEL, University at Buffalo

3:00 Sweet Taste Influences Initial Romantic Perceptions

DONGNING REN, KENNETH TAN, XIMENA B. ARRIAGA, Purdue University; KAI OIN CHAN, Behavioral Science Institute, Radboud University Nijmegen; dren@purdue.edu

Terms of endearment such as "sweetie", "honey", "sugar" are commonly used in the context of close others. The current research explores how taste sensations might influence hypothetical relationship evaluations. Results showed that participants rated a hypothetical relationship more favorably when experiencing sweet taste, relatively to when experiencing non-sweet taste.

3:15 Material Objects as a Defense against Attachment Anxiety LUCAS A. KEEFER, MARK J. LANDAU, TOBIN J. JENNINGS,

University of Kansas; lkeefer1@ku.edu

Do objects effectively help individuals cope with attachment anxiety? We present three studies building on prior research demonstrating the negative effects of this anxiety on growth motivation. Across three studies, we found that reminders of both significant objects and close others were effective at buffering the effects of attachment anxiety.

3:30 Age Mate Preferences across Perceiver Ages: Comparing Heterosexual, Bisexual, and Gay/Lesbian Men and Women

ANGELA G. PIRLOTT, EMILY GRAHAM, TARA YOUNG, University of Wisconsin Eau Claire; pirlotag@uwec.edu

We examined whether heterosexuals' age preferences replicate for bisexuals, given their interest in both men and women, and gay men and lesbians. Our findings strongly support evolutionary predictions suggesting sex differences drive mate preferences as age preferences remained stable across perceivers' sexual orientation and target sex.

3:45 Be Mine: Attachment Orientations Predict Relationship Functioning on Valentine's Day

WILLIAM J. CHOPIK, University of Michigan; chopik@umich.edu Many cultures designate specific holidays to celebrate love and affection, such as Valentine's Day in Western culture. Few studies have examined how relationship evaluations vary when assessed on Valentine's Day. In two studies, reminders of relationships on Valentine's Day enhanced relationship functioning, and individuals' attachment orientations moderated these responses.

4:00 Predicting Relationship Closeness Following Non-Marital Romantic Relationship Breakup

KENNETH TAN, CHRISTOPHER R. AGNEW, Purdue University; LAURA VANDERDRIFT, Syracuse University; S. MARIE HARVEY, Oregon State University; tan84@purdue.edu

This study examined post-romantic relationship closeness longitudinally. 143 individuals completed questionnaires assessing relationship quality with a romantic partner and again after breaking up. Results validated a latent construct of post-relationship closeness and showed that high commitment prior to breakup was associated with greater post-relationship closeness after relationship dissolution.

4:15 Of Homewreckers and Cuckolds: Differences in Judgments of Infidelity

ABIGAIL L. HARRIS, Saint Louis University; HELEN C. HARTON, University of Northern Iowa; aharri32@slu.edu

This study extends previous research on perceptions of infidelity. Targets varied in infidelity role, gender, and justification for infidelity. Significant effects of infidelity, target gender, infidelity by justification, and infidelity by target gender by justification were found, suggesting distinct differences in perceptions of "original" and "other" person.

4:30 Approval or Behavior? Exploring Gender Differences in Norms and Infidelity

PRISCILLA FERNANDEZ, EDDIE M. CLARK, Saint Louis University; pferna10@slu.edu

Data from college and older samples suggest that norms can influence engaging in unfaithful behavior. Male cheating is driven by descriptive norms, whereas females exhibit a more complex interaction between injunctive and descriptive norms dependent on the type of cheating.

4:45 Colors of Love: Predictors of Forgiveness Following Hypothetical Infidelity

MICHELLE HASAN, EDDIE M. CLARK, Saint Louis University; mhasan1@slu.edu

This study examined the impact of Love Styles (Hendrick & Hendrick, 1986) on forgiveness, following hypothetical infidelity. Participants were randomly assigned to an infidelity scenario (emotional or sexual) and completed measures assessing love styles and forgiveness. Results indicated that different love styles predicted forgiveness for the different types of infidelity.

SOCIAL EXCLUSION, REJECTION, & OSTRACISM

Thursday, 3:00-4:50PM Salon 6/7

Moderator: SHANE PITTS, Birmingham-Southern College

3:00 Stress Biomarkers and Defensive Analgesia Following Social Exclusion

ELLYN BASS, University of Nebraska at Omaha; SARAH STEDNITZ, Humboldt State University; KEVIN SIMONSON, University of California at Irvine; TORI SHEN, ETHAN GATHAN, Humboldt State University; ecbass@unomaha.edu

This study examined activation of physiological stress responses and adaptive modulation of affect and empathy through defensive analgesia following social exclusion. Results support distinct neuroendocrine pathways for cortisol and sAA social exclusion responses, with the sAA pathway responding more rapidly. Support for the activation of defensive analgesia was not conclusive.

3:15 The Way I Make You Feel: Social Exclusion and Interpersonal Emotion Regulation in Social Interactions

ELAINE O CHEUNG, WENDI L GARDNER, Northwestern University; elainecheung2015@u.northwestern.edu

After social exclusion, people are motivated to connect with others. In a face-to-face coaching session, excluded participants were more effective at energizing their partners. Furthermore, their partners reported higher levels of partner liking after the interaction, suggesting that this greater

effectiveness at regulating others' emotions may serve to facilitate reconnection.

3:30 The Effect of Ostracism by Strangers on Romantic Relationship Evaluations

MAAYAN DVIR, DONGNING REN, KIPLING D. WILLIAMS, Purdue University; mdvir@purdue.edu

How does a brief episode of ostracism affect evaluations of relationship partners? We found that ostracism by strangers affects men and women differently: Ostracism led women to evaluate their relationships more positively, whereas men evaluated their relationships more negatively. Differential priorities for belonging and control are discussed as possible mechanisms.

3:45 Sweet Taste Experiences Facilitate Recovery from Ostracism DONGNING REN, MADISON A. HERMAN, KIPLING D. WILLIAMS, Purdue University; KAI QIN CHAN, Radboud University Nijmegen; XIMENA B. ARRIAGA, KENNETH TAN, Purdue University; dren@purdue.edu

Ostracism threatens basic human needs and increases antisocial behaviors toward the sources of ostracism. We investigated whether sweet taste experiences facilitate recovery from ostracism and increase prosocial responses. Ostracized individuals (via Cyberball) reported more needs satisfaction and indicated more prosocial intentions after experiencing sweet taste compared to experiencing neutral taste.

4:00 Understanding Sources of Family Ostracism

JOAN R. POULSEN, Indiana University-Purdue University Columbus; ASHLEY F. BEGLEY, Ball State University; ANNA F. CARMON, Indiana- Purdue University Columbus; jpoulsen@iupuc.edu Why do people ostracize family? Narratives about ostracizing family were content analyzed to reveal motives which replicate and extend current models. In families, sources of ostracism were likely to be ostracized themselves. Finally, being forgiving plays a unique role in sources in reducing negative factors associated with ostracism.

4:15 Investigating the Burden-Ostracism Link: The Burdensome Individual's Perspective

JAMES H. WIRTH, Ohio State University Newark; DONALD F. SACCO, University of Southern Mississippi; CHARLOTTE GALLAGHER, University of North Florida; wirth.48@osu.edu
Based on a burden-ostracism link, we tested if burdensome individuals may

feel ostracized. In two studies, participants performed better, equal, or worse than a group on a between-participants basis. Worse performers felt

more burdensome, less basic needs satisfaction, and more negative mood, compared to equal or better performers.

4:30 Ostracized but Nobody's Fool: Social Context Matters in Decision-Making

THOMAS TIBBETT, KAILEIGH BYRNE, DARRELL WORTHY, ADRIENNE R CARTER-SOWELL, Texas A&M University; tptibbett@gmail.com

Research indicates ostracism has deleterious effects but few focus on cognitive impact. Two experiments determined inclusion boosted decision-making performance except when misleading social information was introduced. In these cases, ostracized participants performed better with localized processing as a mechanism. Implications for ostracism's function, global precedence, and behavior will be discussed.

SYMPOSIUM CULTURALLY COMPETENT PSYCHOLOGICAL ASSESSMENT AND INTERVENTION WITH IMMIGRANTS & REFUGEES

Thursday, 3:00-4:50PM Salon 10 Moderators: JACQUELINE NEWMAN, Tennessee State University

This symposium examines topics related to barriers, considerations, research needs, and best practices for culturally competent psychological assessment and treatment with refugee and immigrant children, families, and adult clients. Culturally appropriate psychological assessment models, working in legal and interdisciplinary contexts and considerations for specialized training will be discussed.

Immigrant and Refugee Children with Authorized and Unauthorized Parents

JACQUELINE NEWMAN, Tennessee State University; Jacqueline.a.newman@gmail.com

Culturally Appropriate Psychological Evaluation Models for Use With Immigrant Populations

AMY B. BERMAN, Tennessee State University; amybberman@gmail.com

Immigration Issues and Their Impact on the Family Experience JOAN POPKIN, Tennessee State University; jpopkin@gmail.com

Barriers, Complications, and Considerations for Immigrant Psychological Assessment

JORGE BOERO; jorgevb@bellsouth.net

GENDER & PARENTHOOD IN THE WORKPLACE

Thursday, 3:00-4:50PM Salon 12 Moderators: JOEL T. NADLER, Southern Illinois University Edwardsville

3:00 Invited Talk

No Person is an Island: Social Influences on the Work-family Interface ELIZABETH M. BOYD, Indiana University-Purdue University Indianapolis; drlizboyd@gmail.com

I will present results from two studies exploring how aspects of the social environment affect the work-family interface. The first study explores attributions of responsibility for work-family conflict events, and the second explores how social comparison may affect perceptions of work-family conflict.

3:30 Investigating the Dimensionality of Strain-based Work-family Conflict

KRISTIAN M. VEIT, JOSEPH M. HANKS, Olivet Nazarene University; kveit@olivet.edu

This study investigates the dimensionality of strain-based work-family conflict, and also explores individual differences as it pertains to WFC (strain). Results from this survey-based research project indicate that strain is multi-dimensional and that different people may experience WFC strain in different ways.

3:45 Job Satisfaction: The Effects of Gender and Workplace Advancement

HOLLY REED, Valparaiso University; ROSEY MORR, JOEL T. NADLER, Southern Illinois University Edwardsville; jnadler@siue.edu Men and women differ on job satisfaction and its antecedents. We examined (N=3,502) workers' job satisfaction as influenced by advancement opportunities and gender. We found a gender and achievement influenced job satisfaction, but men and women did not differ in the relationship between advancement and job satisfaction.

4:00 Women's Attire and Hiring: Impact of Sexism and Gaze Fixation

ROSEY MORR, TIFFANY EDWARDS, JORDAN BLACKHURST, TODD VOGEL, JOEL T. NADLER, Southern Illinois University

Edwardsville: inadler@siue.edu

Men (N = 25) viewed images of women in business casual or suggestive attire as their gaze fixations were tracked and then rated the images. Participants rated business casual women as more hirable and warmer yet less attractive. However, overall attractiveness was the only significant predictable of hirability.

4:15 Communally Constrained Decisions and Implications for Gender Disparities in Leadership

MEGAN K. MCCARTY, MARGO J. MONTEITH, Purdue University; CHERYL R. KAISER, University of Washington; mccarty1@psych.purdue.edu

Three experiments provide evidence that people who strongly value communal goals (women more than men) are averse to the low communal work environments that often characterize leadership positions.

Consequently, the low communal nature of work environments serves as a barrier constraining their decisions to pursue positions of leadership.

4:30 Perceptions of STEM Colleagues: Impact of Gender, Parenthood, & ADHD

STEFFANIE NORRIS, MICHELE ACKER, Otterbein University; macker@otterbein.edu

Extending work on the motherhood penalty, 157 male and female professors evaluated a tenure portfolio of a STEM candidate who was a mother/father of a child with ADHD. Results demonstrated gender and ingroup bias, and stigma associated with medicating an ADHD child. Results considered in terms of Stereotype Content Model.

SYMPOSIUM WHAT CAN PSYCHOLOGY SAY ABOUT POLITICS?

Thursday, 3:00-4:50PM Kimball Moderators: CARL L. PALMER, ERIC D. WESSELMANN, Illinois State University

In recent years, scholars of political behavior have turned to psychological theories in an effort to open up the black box of cognition in individual decision-making processes. These inroads have provided additional theoretical richness to explanations of political phenomena, and offer exciting areas of collaborative research between psychologists and political scientists. With this symposium, we aim to facilitate a dialogue between researchers in both psychology and political science to encourage collaborations at both the theoretical and empirical level. The presenters represent both academic fields and are united by their shared interest in understanding individuals' political affiliations, perceptions of political issues, and politically motivated behaviors. Researchers interested in diverse topics like how personality/individual differences, social cognition, persuasion, and intergroup conflict will find relevance in our presenters' research.

Political Intellectual Humility

VICTOR C. OTTATI, ERIKA PRICE, CHASE WILSON, SOYEON KIM, Loyola University Chicago; vottati@luc.edu

Reducing Serious Intergroup Conflict: A Role for Religious Messages of Tolerance?

GABRIELLE FILIP-CRAWFORD, STEVEN L. NEUBERG, BENJAMIN J. BROOME, ANNA BERLIN, CAROLYN M. WARNER, Arizona State University; Gabrielle@asu.edu

Tell Me Something I Don't Know: An Experimental Investigation of Novel Frames and Expert Attitudes

AMELIA C. ANDREWS, Purdue University; andrewa@purdue.edu

Caught in the Crossfire: The Competing Influence of Outcomes and Beneficiaries on Perceptions of Antipoverty Spending

CARL L. PALMER, Illinois State University; clpalme@ilstu.edu

SYMPOSIUM BRINGING THE PSYCHOLOGY OF RELIGION & SPIRITUALITY INTO COMMUNITY PSYCHOLOGY

Thursday, 3:00-4:50PM Wilson Moderators: ERIC D. WESSELMANN, EROS R. DESOUZA, Illinois State University

Religious and spirituality-based affiliations represent powerful and diverse types of communities that have the ability to inspire the best (or worst) in individuals. Thus, it is important for psychologists interested in social action and change to consider the rich theory and methods employed in the psychology of religion/spirituality. In this symposium, we aim to encourage interest in studying religion/spirituality from different areas of

psychological science. We also hope to open a dialogue between various branches of psychology to consider future avenues of research for both the basic psychological understanding of religion/spirituality and the potential for this understanding to impact positively individuals and their communities.

Associations among Religiousness and Community Volunteerism in National Random Samples of American Adults

MEGAN C. HAGGARD, Baylor University; megan_haggard@baylor.edu

Lockdown Legacy: A Qualitative Investigation of Incarceration, Re-Integration, and Faith Communities

DÉ BRYANT, Indiana University South Bend; dbryant@iusb.edu

Religious Serpent Handling and Community Relations

W. PAUL WILLIAMSON, Henderson State University; williaw@hsu.edu

Links between Workplace Spirituality, Job-Related Attitudes, and Value Fit in a Non-Profit Agency

KIMBERLY T. SCHNEIDER, Illinois State University; ktschne@ilstu.edu

Discussant

JOSEPH R. FERRARI, DePaul University; jferrari@depaul.edu

POSTER SESSION COGNITIVE & DEVELOPMENTAL PSYCHOLOGY

Thursday, 3:00-4:50PM Exhibit Hall

Moderator: JOAN SCHILLING, Edgewood College

1 Differences in Language Ability and Cognitive Abilities in Math Achievement in Latino Students

TANYA AUGUSTE, KIMBERLY MCCUE, MEGAN MIMS, ROBERT SCHLESER, Illinois Institute of Technology; tauguste@hawk.iit.edu Study expands upon gaps in the literature by focusing on the different relationships between language skills, cognitive abilities, and academics among Latino students. Results suggest that specific amount of semantic clustering ability influence the relationship between memory and Mathematics in Latino students which may depend when language is taught.

2 Perceptual Learning of Cochlear Implant Simulations of Speech and Environmental Sounds

ZOUA XIONG, JEREMY L. LOEBACH, St. Olaf College; loebach@stolaf.edu

The purpose of this study is to evaluate the materials used in a 5-day training program aimed to help new adult CI users learn to hear. We examined the intelligibility of talkers and environmental sounds to determine whether they are suitable for use in the rehabilitation program.

3 Acoustic Analysis of Talker Intelligibility

SALLY GILDEHAUS, JEREMY L. LOEBACH, St. Olaf College; loebach@stolaf.edu

This study investigates the effects of talker intelligibility on speech processed with a cochlear implant simulation. Subjects who underwent a 5-day training program improved compared to a 1-day control group. An acoustic analysis of talkers revealed characteristics that influence intelligibility both in the clear and in cochlear implant simulations.

4 Phonological Similarity Effects Vary in Native and Non-native Speakers

GARY E RANEY, JOANNA C. BOVEE, KRISTA MILLER, SPENCER J. CAMPBELL, LILY FAYZ, KATE BRILL-SCHUETZ, University of Illinois at Chicago; geraney@uic.edu

Native and non-native English speakers read lists of similar or dissimilar sounding letters and recalled the lists. Lists were read silently or while saying "one, two, three, four" out loud (suppression). Participants showed phonological similarity, serial position, and suppression effects, but non-native speakers were less affected by the suppression task.

5 The Efficacy of Implicit vs. Explicit Learning and Retention

JOHN L. WESTBROOK, University of Illinois at Urbana-Champaign; GARY E. RANEY, University of Illinois at Chicago; jwestb2@illinois.edu We explored the strength of implicit and explicit strategies in vocabulary learning using a word-study task. Participants learned words using either/both of the strategies and completed a posttest. Results showed that explicit learning allowed for faster meaning acquisition, while implicit learning allowed for better retention over periods of thirty minutes.

6 A Rubric for Measuring Literary Argumentation: Evidence for Construct Validity

STEPHEN W. BRINER, CANDICE BURKETT, University of Illinois at Chicago; CAROL D. LEE, Northwestern University; SUSAN R. GOLDMAN, University of Illinois at Chicago; JOSEPH P. MAGLIANO, Northern Illinois University; stephenbriner@gmail.com
This study tests the validity of a set of rubrics for measuring argumentation about literary texts. Secondary students wrote essays about literary stories,

and we correlated rubric scores of their essays with counts of the number of the essays' claims and evidences. Results suggest that our rubrics possess construct validity.

7 Can Psychopathic Factors Predict Response Time to Emotional Words?

ROSA DELIMA WITAN, HIROKO SOTOZAKI, Western Illinois University; rd-witan@wiu.edu

The study examine whether psychopathic factors (F1: callous-unemotional; F2: antisocial/impulsivity) are related to certain affective words.

Participants are college students. Psychopathic factors are assessed with Levenson Self-Report Psychopathy Scale. Regression analyzes indicate that psychopathic traits predict response time to different affective words in a primed lexical decision task.

8 Is Working Memory Accuracy Affected by the Valence and Arousal? GERLY KUKK, KAIRI KREEGIPUU, JAANUS HARRO, University of Tartu; NELSON COWAN, University of Missouri; gerly.kukk.001@ut.ee This study demonstrates on a large-scale sample (n=376) that valence and arousal of the probes have an effect on working memory accuracy. The hitsfalse alarms measure was the highest in medium valence or medium arousal conditions. Comparison of valence and arousal effects revealed that valence explained the variance in accuracy.

9 Survival Processing Advantage and Memory

STEPHEN BUSKIRK, KIMBERLY FENN, Michigan State University; buskirk5@msu.edu

The survival processing advantage has shown that memory is enhanced for survival-relevant information. The present study replicated the survival processing advantage and showed that the memory advantage persists for 48-hours, suggesting that survival encoding may affect consolidation to increase long term retention.

10 Supporting the Working Memory of Students with Mild Intellectual Disability

CASEY HORD, University of Cincinnati; YAN PING XIN, Purdue University; SAMANTHA MARITA, University of Cincinnati; casey.hord@uc.edu

The researchers describe how sixth grade students with mild intellectual disability used strategic diagramming to support their working memory as they solved area and volume word problems while receiving the read-aloud accommodation. Diagramming and problem-solving accuracy improved as the participants' content and strategy knowledge increased.

11 Explaining the Release of Proactive Interference (RPI) for Highlighted Text

KAITLYN KNIGHT, ROBIN ZIMMERMAN, SUSAN SYMONS, MICHAEL A SKELLY, Edinboro University; mskelly@edinboro.edu
The effect of a boxed line around the perimeter of items in the fourth trial in the RPI paradigm was investigated. Results suggest that our previous observations of a RPI for highlighted text may be due to the highlighter producing a subtle change in display area that causes a RPI.

12 Individual Differences in ADHD-Related Symptoms Predict Working Memory Training Success

ROBERT W. MILLER, DAWN M. GONDOLI, BRADLEY S. GIBSON, REBECCA A. MORRISSEY, University of Notre Dame; CHRISTINE M. STEEGER, Yale University; rob101409@hotmail.com

The current study investigated whether specific ADHD-related symptoms predicted success in working memory training for adolescents with ADHD. Forty-five adolescents and their mothers participated. Mothers reported adolescent inattention, hyperactivity, and oppositional/defiant behavior. Adolescents completed five weeks of training. Both inattention and oppositional/defiant behavior were found to predict cognitive training success.

13 Individual Differences in WMC, Need for Cognition, and Motivation Predict Successful Categorization

MAKS KOZIOL, SEMIR KADHIM, JARED RAMSBURG, University of Illinois at Chicago; mkozio3@uic.edu

The purpose of this study was to examine working memory, cognitive flexibility, need for cognition, and motivation as predictors for categorization performance. Our results indicate that cognitive flexibility is not a significant predictor. Motivation, need for cognition, and lower working memory scores were predictive of successful categorization.

14 Factors Influencing Prospective Person Memory for Age Progressed Images of Missing Children

WILLIAM BLAKE ERICKSON, JAMES MICHAEL LAMPINEN, University of Arkansas; CHARLIE FROWD, University of Winchester; GREGORY MAHONEY, Boston Police Department; arrakeensun@gmail.com

We examined the influences of age-range and artist experience on recognition rates of age-progressed images of missing children. Eight forensic artists progressed childhood images from age 5-12, 5-20, and 12-20. Images were shown to participants before a Prospective-Person Memory task. Outdated and Current photos outperformed age progressions.

15 Motor Dynamics in a Joint Action Task

STEVE CROKER, RUBINA DHILLON, KAITLYN VOGEL, J. SCOTT JORDAN, Illinois State University; s.croker@ilstu.edu

We examined the effects of joint action on mouse movements in a Simon task. We observed task facilitation when participants responded to the same stimulus dimension as their partner, and interference when participants responded to a different stimulus dimension to their partner.

16 Problem Difficulty and Cognitive Dynamics in the Balance-Scale Task

STEVE CROKER, CORINNE ZIMMERMAN, ASHLEY BOAZ, RYAN POMPER, AUSTIN ZAMORA, KLAUDIA PAJOR, Illinois State University; s.croker@ilstu.edu

We examined the effects of problem difficulty on mouse movements using a computer-based balance scale task. Participants demonstrated greater deviation towards distracter responses on trials with a low torque difference between the two arms of the balance scale.

17 Researcher Looking for Meaningful Relationship with Smartphone User: Data Suggest Long-Term Possibility

TIMOTHY A. STEENBERGH, SARAH RINGENBERG, HANNAH WOODARD, TIFFANY LEFEVER, EMILY RAGSDALE, JASON RUNYAN, DPHIL, DOUGLAS DAUGHERTY, Indiana Wesleyan University; tim.steenbergh@indwes.edu

Psychological research using ecological momentary assessment/intervention (EMA/I) is increasing, but we know little about how these approaches will be received. We distributed and tested three versions of an iPhone EMA/I app using an experimental pretest-posttest design. Study participants had little problem using the app and the majority found it enjoyable.

18 A Systematic Review of Wheelchair Related Studies in Psychology MELISSA TROYK, CARLA KUNDERT, EUN-JEONG LEE, Illinois Institute of Technology; mtroyk@hawk.iit.edu

The purpose of this study is to address the current volume of wheelchair related research in psychology and point out the importance of knowledge translation between psychology and assistive technology.

19 Marching to a Different Drummer? Musical Experiences and Divergent Thinking

ERIN SOVANSKY, University of Illinois at Chicago; MAREIKE WIETH, Albion College; JENNIFER WILEY, University of Illinois at Chicago; esovan2@uic.edu

The current study sought to investigate individual differences between nonmusicians, expert performing musicians (non-improvisers), and expert creating musicians (improvisers) on creativity tasks (e.g. divergent thinking). Improvisers showed greater creativity compared to non-improvisers and non-musicians, suggesting that enhanced creativity in musicians is related to specific domain practices rather than expertise.

20 How Expertise and Trust Affect False Memory in Social Media NICHOLAS GRIFFIN, CORY FLECK, KIMBERLY FENN, Michigan State University; griff437@msu.edu

We investigated the effect of false information in Twitter feeds on memory. Experiment 1 found lower false memory from a Twitter feed than control and Experiment 2 found that Twitter can increase correct memory if the source is knowledgeable.

21 Testing Effect as a Factor of Test Delivery Mode and Question Format

ANNA PRISACARI, SHANA CARPENTER, THOMAS HOLME, Iowa State University; annacari@iastate.edu

This study investigates the relationship among the format of test questions, test delivery mode, and students' learning of the first semester General Chemistry material. Overall, taking open-ended questions compared to multiple-choice questions initially boosts performance on the later tests whether the initial tests are delivered on paper, computer, or iPad.

22 Examining Lexical Access via a Crossword Task: Independent or Coactive Routes?

KEJKAEW THANASUAN, SHANE T. MUELLER, Michigan Technological University; ketnas.wawa@gmail.com
Orthographic and semantic information has been used to investigate lexical memory access. In this study, we examined the effect of semantic information as orthographic information increased, via a crossword-puzzle task. Results support an independent route hypotheses in expert players.

23 The Effects of Emotional Words on Word Recall

RICHARD PLUMMER, MEGAN BEURSKENS, CATHERINE DAUS, Southern Illinois University Edwardsville; rplumme@siue.edu We examined the relationship between valence (positive or negative meaning) and arousal (emotional strength) of words/images on memory recall. We found a significant main effect of arousal on recall, and a significant interaction such that words paired with stronger negative images were recalled less well.

24 Familiarity versus Sequence Effects on Motor Imitation

JUSTINE M. PRABUCKI, DAVID P. KATZ, ALIYAH GHOUSE, MARIUS CUCIULAN, CHRISTINA M. TRI, LISA H. LU, Roosevelt University: iprabucki@hotmail.com

The present study examined familiarity and sequence effects on imitation ability as assessed through a newly developed task, the Roosevelt Motor Imitation Task. There was an interaction between sequence and familiarity, such that longer sequences had a greater influence on imitation of familiar versus unfamiliar items.

25 The Development of Memory Editing Strategies

KARA MOORE, JAMES M. LAMPINEN, University of Arkansas; DAVID GALLO, University of Chicago; ANA BRIDGES, PAULA SHEPARD, University of Arkansas; knm005@email.uark.edu We examined the development of memory editing strategies in children. The role of recollection abilities and the prefrontal cortex in the use of memory editing strategies were examined. Children of all ages use memory editing strategies but the use of these strategies increases with age.

26 The Influence of a Brief Mindfulness Exercise on Encoding of Novel Words in Female College Students

KRISTIN K. BONAMO, BREANNA BOHLIN, KARLEY FEIST, JACOB GESSLER, PATRICK MCNALLY, JOHN-PAUL LEGERSKI, University of North Dakota; Kristin.Bonamo@my.und.edu

Female undergraduate students were randomly assigned to a 20 minute body scan meditation, a 45 minute body scan, or a control group prior to learning Swahili-English word pairs. Results showed significantly more correct English translations recalled by members of the meditation groups compared to members of the control group.

27 Self-Generated Stories Enhance Long-Term Retention of Textbook Material

DAN JOHNSON, BRANDIE HUFFMAN, MEREDITH ROBERTS, ERIC SHUMAN, Washington and Lee University; johnsondr@wlu.edu Imagery has not proven effective in enhancing memory for abstract textbook material. Results showed that generating a brief 2-3 sentence story at encoding increased long-term retention for abstract material.

28 Improving Name Learning with Distributed Retrieval Practice MICHELLE L. BUFFIE, DANIELLE E. ANDERBERG, HANNAH J. ZYLSTRA, ELIZABETH HELDER, Augustana College; elizabeth.babcock@augie.edu

Younger and older adults used distributed retrieval practice when learning names. Both age groups benefited significantly from this technique after just a short training period, even when name learning was combined with an additional processing task. Thus, distributed retrieval practice is fast, simple, and effective for learning names.

29 I Tapped That: A Study of Emotional Freedom Techniques RACHEL A. HUDSON, ALICIA LIMKE, RON WRIGHT, PAUL JONES, Southern Nazarene University; rhudson@mail.snu.edu The present study compared Emotional Freedom Techniques (EFT; Craig, 1995) to its component therapeutic parts and a control. Neither EFT nor its component parts effectively reduced test anxiety, general symptomatology, or subjective distress related to test anxiety in undergraduate students at

30 Blocking vs. Interleaving: The Effects of Simultaneous Presentation on Learning Foreign Language Pronunciations

CHAD FERNANDEZ, SHANA CARPENTER, Iowa State University; chadfz@iastate.edu

one-week followup. Limitations and implications are discussed.

Participants learned pronunciation rules in French that were presented simultaneously and either blocked by rule (breton, renard, penaud... chétif, gémir, méfiant... gênant, fêtard, vêtu), or interleaved (breton, chétif, gênant... renard, gémir, fêtard... penaud, méfiant, vêtu). No interleaving advantage was observed, whether pronunciation proficiency was tested immediately or 2 days later.

31 Improving Metacomprehension Accuracy for Science Text in Middle School

ALLISON J. JAEGER, ANDREW TAYLOR, JENNIFER WILEY, University of Illinois at Chicago;ajaegel@uic.edu
This study investigated how JOLs are affected by evaluation prompts, whether information is presented as a single text or set of multiple texts, and the inclusion of an analogy. Results suggest that an analogy and the type of evaluation prompt given can affect students' ability to accurately judge their understanding.

32 Do Goals Matter When Learning from the Web?

KATY RUPP, DYLAN T. BLAUM, PATRICIA WALLACE, M. ANNE BRITT, Northern Illinois University; krupp@niu.edu
It is challenging to learn an explanation from single documents but even more challenging to learn from multiple documents. We investigated whether providing appropriate goals can help. We are finding that goals help readers read more actively. We are also examining the quality of essays and think-aloud results.

33 Tip-of-the-Tongue States in Bilinguals and Monolinguals

WALAA TOUT, MICHAEL HOLLEY, ZEINA MIKHAEL, LINDA CHAALAN, ARLO CLARK-FOOS, University of Michigan Dearborn; wtout@umich.edu

Tip-of-the-tongue (TOT) describes a retrieval failure accompanied by an intense FOK. Previous research has established that bilinguals experience more TOT states than monolinguals. Using a methodology devised by Yaniv and Meyer (1987) we found that this effect may depend on the way in which TOT states are induced.

34 Interpersonal Reality Monitoring: The Devil is in the Details ROSLYN MORRIS, KATIE KRAJEWSKI, JON WHITLOCK, KATHERINE I. PFANNES, WALAA TOUT, ARLO CLARK-FOOS, University of Michigan Dearborn; kpfannes@umich.edu Interpersonal reality monitoring (IRM) is our ability to decide if others' memories are real. Our study investigates which language cues people use when making IRM judgments. We find that people will not only use cues predicted by SMF but often rely on specific words or phrases to support their judgments.

35 Ask the Cryptkeeper: Unconscious Plagiarism is Affected by Personal Interest

WILLIAM ISOM, JACOB COLLISON, JAMILAH ALHASHIDI, ZEINA MIKKHAEL, KIRSTEN ABBATICCHIO, KATHERINE I. PFANNES, WALAA TOUT, ARLO CLARK-FOOS, University of Michigan Dearborn; kpfannes@umich.edu

Unconscious plagiarism (cryptomnesia) occurs when generating something novel that actually originated from another source. This study investigated whether participants' interest in content area changed the degree to which they unconsciously plagiarized. Important educational applications emerge from our results, which suggest that people unconsciously plagiarize less interesting content more often.

36 The Effect of Distraction on Emotional Appraisal

KATHERINE I PFANNES, WALAA TOUT, KATIE KRAJEWSKI, DANIELLE LAS, ARLO CLARK-FOOS, University of Michigan Dearborn; kpfannes@umich.edu

Is emotional appraisal a controlled process? We asked participants to rate ANEW words under full or divided attention. Negative stimuli were rated as significantly more arousing under divided attention, indicating that extraneous sources of arousal can increase arousal rating of another stimulus. Implications for emotional memory enhancement research are discussed.

37 Quantity versus Quality: Teasing Apart Recollection and Metamemory

LAUREL D. SARFAN, STEPHEN J. GRAY, DAVID A. GALLO, University of Chicago; ldsarfan@uchicago.edu

We investigated the extent that people can use confidence judgments to differentiate between correct and incorrect memories, while manipulating the memorability of the target events. Our findings revealed that confidence accuracy tracked differences in recollection quality more than recollection quantity, consistent with monitoring processes observed in false memory tasks.

38 The Fading Affect Bias for President Obama's Re-Election RODNEY J. VOGL, TAYLOR S. GOODE, ALLISON DAVIS, Christian Brothers University; W. RICHARD WALKER, Winston-Salem State University; rvogl@cbu.edu

We examined people's memories for the re-election of President Obama. An inverse Fading Affect Bias occurred in that positive emotion faded more than negative emotion over time. In fact, negative emotions gained in intensity over time (especially for people who voted in the election). Also, emotional impact showed little fading.

39 Need for Cognition and Definitive Conclusions from News Stories SEAN P BURRIDGE, RICHARD L. PHEND III, ANNA M. AHO-PYNTÄRI, ALEXANDRA N. L. EVANS, PATRICK R. RICH, MARIA S. ZARAGOZA, Kent State University; prich1@kent.edu We assessed whether individual differences in Need for Cognition predicted the kinds of conclusions people draw from news stories that provide inconclusive evidence. As predicted, participants who were high in Need for Cognition were more likely to recognize the ambiguity in the evidence and less likely to draw definitive conclusions.

40 The Use of Recollection Rejection in the Misinformation Paradigm KARA MOORE, JAMES M. LAMPINEN, PAULA SHEPARD, KATHERINE LEE, University of Arkansas; knm005@email.uark.edu The misinformation effect is a phenomenon that leads people to report false information that is encountered after witnessing an event. One way that misinformation may be rejected is through the use of recollection rejection. Our results indicate that recollection rejection is used to reject misinformation.

41 Instruction Bias and Eyewitness IdentificationJAMES M LAMPINEN, BRAD ZEILER, University of Arkansas; lampinen@uark.edu

Participants viewed a mock crime and then were shown a lineup after receiving one of three types of instructions. Mistaken identifications were significantly less common when participants were given detailed lineup instructions than when they were given standard lineup instructions.

42 The Effects of Distance and Feedback on Eyewitness Confidence BRITTANY N RACE, JAMES M LAMPINEN, University of Arkansas; racebrittanyn@gmail.com

The post-identification feedback effect refers to the finding that feedback a witness receives after an identification can influence their retrospective confidence. In the present experiment we examined the interactive effects of confirming feedback and distance on retrospective confidence.

43 Evidence for Directed Forgetting using the RPI Paradigm ROBIN ZIMMERMAN, MICHAEL A SKELLY, Edinboro University; mskelly@edinboro.edu

A modified release of proactive interference (RPI) paradigm was implemented to assess whether directed forgetting would RPI for fourth trial items. The results indicate a significant RPI occurred when participants were cued to forget versus remember items presented in trials 1-3. Accordingly, the RPI paradigm can effectively measure directed forgetting.

44 Remembered Affordances Do Not Depend on Remembered Objects BRANDON J THOMAS, MICHAEL J RILEY, University of Cincinnati; thomab9@mail.uc.edu

Affordances are opportunities for an organism to behave in its environment. Individuals are capable of perceiving affordances for remembered objects. In two experiments, memory for relevant object properties was not related to remembered affordance estimates. The results have implications for theories of tool representation.

45 Differences in Online Learning and Test Anxiety

SARAH JO DAVID, ANTHONY ROBERSON, Truman State University; sjd2418@truman.edu

We investigated the differences between methods of online teaching and their effects on test scores and test anxiety. Participants (N=96) were exposed to course material in one of three ways: video lecture, PowerPoint with narration, or PowerPoint. Test scores from the PowerPoint condition were significantly higher than other conditions.

46 Cultural Differences in the Perceptions of Cognitive Test Anxiety: Iran and the United States

MATTHEW H. GREEN, Ball State University; PURYA BAGHAEI, Islamic Azad University, Mashhad; W. HOLMES FINCH, JERRELL C. CASSADY, Ball State University; mhgreen@bsu.edu The cognitive test anxiety scale (CTAS-17) was translated into Persian in order to measure Iranian undergraduate students' levels of text anxiety in comparison with students from the United States. Differential item functioning (DIF) was employed to examine differences by gender, country, and gender x country.

47 How Does This Work? Improving Memory for Scientific Explanations

DYLAN BLAUM, KATHRYN RUPP, PATRICIA WALLACE, M. ANNE BRITT, Northern Illinois University; krupp@niu.edu

We investigated whether a task-model tutorial helps students learn scientific explanations. We found that students who were given the tutorial recalled more relevant key concepts than those who were not. This result indicates that helping students create task goals may lead to better comprehension of scientific explanations.

48 Doubling Statistical Reasoning Performance with Icons and Frequentist Interpretations of Ambiguous Numbers

GARY L. BRASE, Kansas State University; gbrase@ksu.edu Four experiments used Bayesian reasoning problems, expressed in an ambiguous format (chances) and with different pictorial representations, to evaluate rival hypothesis about statistical reasoning. Abstract icons and pictographs improved performance more than roulette wheel diagrams, and a frequency interpretation also promoted superior performance. These findings support the evolutionary frequency hypothesis.

49 Confidence/Accuracy Correlations are Different for Related Remember Judgments

VIRGINIA A. DIEHL, SHANNON WACHTER, Western Illinois University; v-diehl@wiu.edu

Using two sets of paired multiple choice questions (one in Phase 1 and one in Phase 2), we looked at the effects of question relatedness and answer choice similarity while measuring confidence, accuracy, and Remember, Know, and Guess. Accuracy/confidence correlations suggested that Remember, Know, and Guess judgments are qualitatively different.

50 Gender Differences in Realism of Spatial Imagery and Spatial Performance

VIRGINIA A. DIEHL, DENIS CHAPMAN, MARIE ERIKSON, Western Illinois University; v-diehl@wiu.edu

Women score higher than men on object imagery and men score higher than women on spatial imagery (Blazhenkova and Kozhevnikov, 2008). This might explain why, in the present study, women did not differ from men on their ratings of visualization realism, but did more poorly on spatial imagery performance.

51 Sex, Handedness, and Virtual Navigation

CAROL A. LAWTON, SARAH N. BROCKMAN, ELIZABETH A. GOEBEL, ASHLIN M. LONG, ELIZABETH L. PHILLIPS, RYAN E. HARVEY, SETH L. KIRBY, HEATHER H. ROSBRUGH, Indiana University-Purdue University Fort Wayne; lawton@ipfw.edu We examined the relationship between sex, handedness, and use of color cues for navigation in a virtual building. Right-handed women with strong left-handed tendencies showed more efficient navigation than moderately and strongly right-handed women, but only in the presence of color cues. There was no effect of handedness for men.

52 Egocentric and Allocentric Perspective Taking

JENNIFER SIEDJAK, DAVID RAPP, Northwestern University; rapp@northwestern.edu

People default to their egocentric perspective when describing spatial relations. This study examined whether individuals are less likely to apply an egocentric orientation when spatial scenes include authority figures. Participants overall exhibited egocentric processing, but this pattern was reduced depending on the looking direction and identity of figures in scenes.

53 Age of Starting Video Game Playing as a Predictor of Unmanned Aerial Vehicle Pilot Skills

KATHRYN A. FELTMAN, F. RICHARD FERRARO, JOSEPH MILLER, THOMAS PETROS, University of North Dakota;

kathryn.feltman@my.und.edu

Age of starting video game play predicted performance on two of the four tasks on the Multiple-Attribute Task Battery-II (Comstock & Arnedgard, 1992), which consists of tasks that are generalizations of piloting tasks and may be predictive of performance operating an unmanned aerial vehicle (UAV).

54 Effects of the Media Ideal on a Lexical Decision Task

STEPHANIE A. HENLEY, TERESA A. MARKIS, CONOR T. MCLENNAN, Cleveland State University; stephanie833@sbcglobal.net The "media ideal" is unrealistic and unobtainable. Five minutes of exposure can lead to body dissatisfaction. Little research has investigated internal mechanisms associated with body dissatisfaction. In the present study, we

examined the effect of the "media ideal" on perception of body words in females and males.

55 Moderation of Attention to Affective Pictures by the Behavioral Inhibition and Activation Systems

KRISTIN WIGGS, SAMUEL KRAMER, GILBERT, Southern Illinois University at Carbondale; kristin.wiggs@siu.edu

Trait behavioral inhibition system (BIS) but not behavioral activation system (BAS), predicted attention to highly arousing simultaneously-presented aversive and positive images during the first 767ms of the dual-picture presentation. High BIS predicted eye tracking-assessed aversive-pictures gaze avoidance. Attentional bias may be related to BAS attention patterns to different types of images.

56 Abstractly Defined Cue-Target Linkages Impede Unconscious Attention Guidance

TERRY PALMER, MATTHEW SIMPSON, JOCELYN FINKELSTEIN, Truman State University; tpalmer@truman.edu

Unconscious multimodal attention guidance was tested for the case in which cued visual regions are defined on the basis of abstract spatial relationships (viz., "left of" and "right of"). Results suggest the necessity of consciousness in mediating guidance involving abstractly defined spatial relationships between cue and target.

57 Examining the Negativity Bias for Neutral Words in Negative Intonation

MAURA L KRESTAR, CONOR T MCLENNAN, Cleveland State University; m.krestar@csuohio.edu

This study investigated younger adults' susceptibility to the negativity bias in two word judgment tasks by varying attention to emotional intonation. Percent correct and reaction times across tasks indicate negativity bias only when negative intonations are distracting and irrelevant to the task, suggesting an early processing account of negativity bias.

58 Empathy and Social Awareness affect Change Detection of Emotional Expression

JEREMY SCHWOB, JOSEPH PAUSZEK, PETER ODUWOLE, KAITLIN GALLUP, JAMIE FLANNERY, SUSAN DAVIS, SCOTT WAGONER, University of Dayton; sdavis1@udayton.edu Change detection is impacted by social awareness and empathy when there is a gradual transformation in expressions of facial emotions. Paradoxically, confidence is exaggerated even when detection of these changes is low. Subjective reports and eye tracking data support the important role of relatively oblivious attention in avoiding change blindness.

59 Examining the Effects of Talker Variability and Listeners' Gender on the Perception of Spoken Taboo Words

SAMANTHA E. TUFT, CONOR T. MCLENNAN, MAURA L. KRESTAR, Cleveland State University; s.tuft@vikes.csuohio.edu We examined the gender differences of taboo words influence on the pattern of talker effects. Participants' reaction times were analyzed in an easy lexical decision task. For females, talker effects emerged (consistent with an attention-based hypothesis), but not for males (consistent with a time-course hypothesis).

60 Mindfulness and Explicit and Implicit Attitudes about Sexual Minorities

BARRY UNIS, ROBERT SCHLESER, Illinois Institute of Technology; bunis@hawk.iit.edu

Heterosexual male college students completed explicit questionnaires and an implicit computer program (Implicit Relational Assessment Procedure) about heterosexuals, homosexuals, and bisexuals. Mindfulness was investigated as a moderator of the concordance between these two types of attitudes.

61 Predicting Reading with Conservation of Number and Substance MEGAN MIMS, CONNOR PICHETTE, TANYA AUGUSTE, Illinois Institute of Technology; mmims@hawk.iit.edu

Research has demonstrated that CDL predicts reading achievement performance. This study assessed the differential relationship of conservation of number (CON) and conservation of substance (COS) tasks on reading performance by ethnicity. Results indicate that CDL differentially predicts reading performance and that this relationship differs by race.

62 Ethnic Differences on Conversation of Number and Conservation of Substance Tasks: Implications for IQ Gap

TANYA AUGUSTE, MEGAN MIMS, ROBERT SCHLESER, Illinois Institute of Technology; tauguste@hawk.iit.edu

Research has shown an IQ gap exist across race in the United States. This study determined which IQ subtests were best predicted by Conservation of Substance and Conservation of Number performances, while also considering ethnic differences. Results indicated that the IQ gap across races may better be explained by CDL.

63 Explaining the Achievement Gap: Conservation of Number versus Substance

MEGAN MIMS, TANYA AUGUSTE, ELLEN HURDISH, Illinois

Institute of Technology; mmims@hawk.iit.edu

Research has demonstrated that CDL predicts math achievement performance. This study assessed the differential relationship of conservation of number (CON) and conservation of substance (COS) tasks on math performance by ethnicity. Results indicate that CDL differentially predicts math performance and that this relationship differs by race.

64 The Effect of Conservation on Social Desirability and Perceived Competence

TALISSA DORSAINT, KIMBERLY MCCUE, ROBERT SCHLESER, Illinois Institute of Technology; talidors@gmail.com

This study examined relationships between social desirability and perceived competence using Piagetian constructs in school-age children. Results showed that neither ethnicity nor gender had a main effect on how cognitive developmental level predicted children's scores on measures of social desirability and perceived competence. However, results found an interaction between ethnicity.

65 Vision for Perception and Action in Toddlers: A Longitudinal Study of Shape Sorting

SANDRA Y. STREET, University of Wisconsin Whitewater; KARIN JAMES, Indiana University; NICK FEARS, Tulane University; SUSAN JONES, LINDA B. SMITH, Indiana University; streets@uww.edu In their second year, children become active users of objects. These actions require integration of the visual properties of objects with motor control. Three longitudinal experiments examined toddlers' ability to perform action and perceptual tasks. Results reveal a developmental progression and suggest a dissociation between perception and action.

66 How Parent Behavior during Infant Object Play Can Support Learning³

MAUREEN MCQUILLAN, CHEN YU, LINDA B. SMITH, BATES, Indiana University; memcquil@umail.iu.edu

Children who attend to an object, hear its name, and sustain attention learn object names. Mothers who name the target object and then pause help their child sustain attention and learn. These findings indicate that sustained attention, fostered by maternal responsiveness, predicts language acquisition, key for self-regulation and school readiness.

67 The Impact of Statistical Training on Children's Inductive Reasoning

³ Graduate student paper award winner.

SUSAN L. STANLEY, CHELSEA KIELER, CHRIS A. LAWSON,

University of Wisconsin Milwaukee; shlocke@uwm.edu
Our study examines the influence of statistics training on preschooler's
inductive generalizations. We found that providing young children with a
short lesson about some basic statistical principles (e.g. sample size)
increases their use of statistical properties of evidence to make inductive
inferences.

68 Can Children Apply Evidence Based Diversity Principles? CHELSEA A. KIELER, CHRIS LAWSON, University of Wisconsin

Milwaukee; cakieler@uwm.edu

We examined whether limitations in children's inductive reasoning, specifically the preference to generalize from diverse rather than non-diverse samples, are best construed as developmental or evidential. In support of the latter we found that young children respect the diversity principle of induction when input engages serial, rather than parallel processes.

69 Parent-Child Conversations and Children's Transfer of STEM Knowledge

MARIA MARCUS, LEILA JONES, AMELIA S. AUCHSTETTER, CATHERINE A. HADEN, Loyola University Chicago; DAVID H. UTTAL, Northwestern University; mmarcus@luc.edu

We investigated the mechanisms through which parent-child conversations are linked to children's transfer of STEM knowledge. Some dyads heard special engineering information when visiting a construction exhibit at a children's museum. Those in the engineering-information group talked the most about engineering and mathematics days later during an at-home building project.

70 Parents Scaffolding Preschoolers during Problem-Solving: Negative Moods and Mind-Related Comments

BRENDA L. LUNDY, GRACEE FYFE, Indiana University-Purdue University Fort Wayne; lundyb@ipfw.edu

Parental scaffolding effectiveness was explored in relation to negative moods and the frequency of mind-related comments (i.e., autonomy-supportive) within the context of a problem-solving task. The results of a mediation analysis revealed that frequency of parents' autonomy supportive comments mediated the relationship between depressive moods and scaffolding effectiveness.

71 Adult Attachment Representations, Personal Distress, Perspectivetaking and Empathic Concern

BRENDA L. LUNDY, GRACEE FYFE, Indiana University-Purdue University Fort Wayne; lundyb@ipfw.edu

Adult attachment representations were explored in relation to personal distress, perspective-taking and empathic concern. Analyses revealed a significant relationship between fearful attachment representations and empathic concern, and this relationship was mediated by distress and perspective-taking, in serial. Secure attachment representations predicted more perspective-taking and, in turn higher empathic concern.

72 Avoiding Label Overlap Across the Senses

JENNA L WALL, WILLIAM E MERRIMAN, Kent State University; JASON SCOFIELD, University of Alabama; jwall4@kent.edu Four-year-olds' tendency to avoid label overlap across the senses depends on whether they are allowed to express their discovery of the cross-modal match before extending a novel label. An expectation or desire to talk about the matching object interferes with the processes that support avoiding label overlap.

73 Motor Dynamics and Rule Learning in Children with ASD DAISY BUENO, STEVE CROKER, Illinois State University; dbueno@ilstu.edu

The current study investigates whether children with ASD exhibit superior performance on a computerized inductive reasoning task in which accurate responses require attention to detail. Based on the weak central coherence theory, we predict that children with ASD will demonstrate an advantage in learning specific rules.

74 Academic Achievement and Motivation among College Students from Two Cultures

SHAHEEN S. MUNIR, Wartburg College; shaheen.munir@wartburg.edu
The relationships of academic achievement and motivation among
American and Indian males and females were examined. Academic
achievement related to extrinsic and intrinsic motivation among American
males and females and Indian males, but not among Indian females.
Results have implications for the role of culture and gender on achievement.

75 Frequency and Topics of Worries during Pregnancy and Early Postpartum

JACQUELYN E STEPHENS, KIMBERLY W KLEE, SUSANNE N BIEHLE, DePauw University; jacquelynstephens_2014@depauw.edu The influence of worry topics and frequency was examined in 118 first-time mothers. Mothers were found to worry more frequently overall in the postpartum period than during pregnancy. However, mothers worried more

about money, the transition to parenthood, their relationships, and their own health during pregnancy than at 1-month postpartum.

76 Unexpected Life and Relationship Changes in First-time Mothers KIMBERLY W KLEE, JACQUELYN E STEPHENS, SUSANNE N BIEHLE, DePauw University; kimberlyklee_2014@depauw.edu Expectations about parenthood were assessed in 118 first-time mothers. Unmet expectations within the domains of life changes, the baby, and relationship with partner were examined. Results indicated that marital status and income level influenced the reporting of unmet expectations. These findings provide a more accurate understanding of new mothers experiences.

77 Investigating Breastfeeding Expectations and Efficacy in First-time Mothers

LAURA Y KOOIMAN, DePauw University; ALEXANDRA CHONG-KISKOWSKI, Kent State University; SUSANNE N BIEHLE, DePauw University; KRISTIN D MICKELSON, Kent State University; laurakooiman_2014@depauw.edu

This study examines changes in breastfeeding efficacy over time and the relationship between breastfeeding expectations and mental health. Results indicated that breastfeeding efficacy at 4-months postpartum was significantly higher than at 1-month or 9-months postpartum. Additionally, mothers who fulfilled their breastfeeding expectations reported more positive affect at 9-months postpartum.

78 Argument Topics and Frequency in First-time Mothers and Fathers CHELSEA C SCHUMACHER, SUSANNE N BIEHLE, DePauw University; BRIAN P DON, KRISTIN D MICKELSON, Kent State University; cschumacher_2015@depauw.edu

The current study examined argument topics and frequency in 84 first-time parent couples. Our results indicate mothers and fathers were remarkably similar in their reports of argument frequency and topics of arguments, with both reporting arguing most about the division of labor and money in the early months of parenthood.

79 Arousal and the DRM: Enhanced Veridical Memory, Reduced False Memory

ANTHONY N. CORRERO II, STEVEN J. BYERS, CARRIE E. MASSURA, KRISTY A. NIELSON, Marquette University; anthony.correro@marquette.edu

The present study investigated the effect of arousal after learning in the Deese-Roediger-McDermott (DRM) task. Results indicate that post-learning arousal enhances veridical memories and decreases false memories

due to an increase in discriminability and a more conservative response bias. Thus, item-specific, verbatim encoding is actively enhanced by arousal.

80 WISC-IV Factor Index Score Incremental Validity

GARY L. CANIVEZ, Eastern Illinois University; glcanivez@eiu.edu Incremental validity (Hunsley, 2003; Hunsley & Meyer, 2003) of WISC-IV factor index scores using hierarchical multiple regression found the FSIQ accounted for the largest portions of WIAT-II variance; while the factor index scores added only trivial to small increments of achievement variance. Thus, primary interpretation should be of the FSIQ.

81 Factor Structure of ASCA Chinese Mandarin Version with Intellectually Disabled

GARY L. CANIVEZ, Eastern Illinois University; YI DING, Fordham University; PAUL A. MCDERMOTT, University of Pennsylvania; glcanivez@eiu.edu

Exploratory factor analysis of the Chinese Mandarin version of the Adjustment Scales for Children and Adolescents with 246 Chinese children with intellectual disability is reported. Two factors extracted and rotated with Promax and Varimax showed factorial independence and the latent structure was similar to the ASCA standardization and other samples.

82 Identifying Latent Knowledge in a Geographic Paired-Learning Task via Cultural Mixture Modeling

YIN-YIN TAN, SHANE T. MUELLER, Michigan Technological University; yinyint@mtu.edu

Building on previous research using Cultural Mixture Modeling, we test whether participants trained on specific geographic knowledge can be automatically classified into their training groups based on response time patterns. Results show that in addition to response patterns, response time can be used to perfectly identify cultural groups.

83 Social and Academic Influences on Student Retention at Marietta College

ANDREW GUIMOND, CHRISTOPHER KLEIN, Marietta College; ahg001@marietta.edu

The current study shows variables predicting student retention at Marietta College heavily rely on pre-college attributes and social support for Fall-Fall retention, while Fall-Spring retention predictive ability relies on a wider range of variables. This shows the importance of students developing a connection to the college within the first year.

84 Development of a Community Influence Measure for First Year Undergraduates

MELISSA A. NEWBERRY, SEAN M. CAMERON, ELIZABETH SCALLY, Southern Illinois University Carbondale; seancameron@siu.edu The scale development and validation of the Community Influence of Student Experience measure for college students is discussed. The scale was designed to measure a student's academic, social, and faculty interactions based on the individuals living in their residence hall environment. Future uses for this scale are described.

85 How Do Researchers Use the Edinburgh Handedness Inventory? MARCUS L. LEPPANEN, ROBIN J. FAIN, JAMES M. EDLIN, RYAN P. HACKLAENDER, KEITH B. LYLE, University of Louisville; keith.lyle@louisville.edu

Researchers commonly report using the Edinburgh Handedness Inventory to measure behavioral laterality, but our review of 931 articles revealed that usage is highly variable and nonstandardized. Researchers freely change items, length, and response format--sometimes in nonreproducible ways. This presents serious challenges to replicability and comparability of research.

86 Psychometric Properties of the Roosevelt Motor Imitation Task CHANDNI SINGH, CHRISTINA M. TRI, DAVID P. KATZ, ALIYA GHOUSE, MARIUS CUCIULAN, JUSTINE M. PRABUCKI, LISA H. LU, Roosevelt University; csingh@mail.roosevelt.edu The present study evaluated psychometric properties of the Roosevelt Motor Imitation Task (RMIT), a newly developed task used to assess imitation ability. Results indicated that the RMIT has reasonably high internal consistency and is an adequate measure of imitation ability among healthy individuals, aged 4 years old to adulthood.

87 Online Survey Data: Effects of Setting on the Self-Reporting of Sensitive Measures

DANA BURGAN, GEORGE GAITHER, Ball State University; ggaither@bsu.edu

Self-report measures can be threatened by several factors, such as evaluation apprehension, which is especially relevant to studying sensitive issues. This study examined the effect of setting (online anywhere vs. in a computer lab) on patterns of responses to sensitive self-report measures. Results showed few differences in reporting between conditions.

88 Predictive Power of Easily-Calculated Early Warning Measures in Gateway Mathematics

MARK AMOS, GREGORY BUDZBAN, HEATHER JAFFE, Southern Illinois University Carbondale; heather.jaffe@siu.edu
Students' proctored SIU mathematics placement exam score, homework/quiz score and first exam score were combined to develop a

weighted metric. Based on this metric calculated in week 3 of the semester, students were informed of the likelihood that their standing would result in successful completion of their remedial mathematics course.

SOCIAL COGNITION

Thursday, 3:15-4:50PM Salon 5/8

Moderator: RANDALL A. RENSTROM, Central College

3:15 The Effects of Friendship Level on the Use of the Anchoring Heuristic

RYAN J WALKER, Miami University; MAREIKE B WIETH, N CHRISTOPHER, JACQUE J CARLSON, Albion College; walkerrj@miamioh.edu

This research examined how social processes impact the use of the anchoring heuristic. Pairs of friends and strangers individually completed 5 anchoring questions. Participants were led to believe that the anchors were generated by the other participant. Responses showed that anchoring decreased for strangers and close friends.

3:30 Heads I Am Selected, Tails I Am Not. Social and Cognitive Factors Affecting Selection Decision

CHANDRIMA BHATTACHARYA, JOHN D JASPER, University of Toledo; chandrimab84@gmail.com

Findings of our research suggest that selection of candidates for a position (quiz bowl game ,basketball game) when associated with some stereotype can be affected by the stereotype involved, selection strategy used such as inclusion or exclusion and different shifting standards used by the selectors for evaluating candidates.

3:45 Shared Alternative Reality

HYEMAN CHOI, KEITH D. MARKMAN, Ohio University; blestman@hotmail.com

We investigated the effects of social others on the content of counterfactual thinking (i.e., thoughts of what might have been). We hypothesized and demonstrated that people feel easier to generate counterfactuals and view an alternative outcome as more plausible and certain in a group than individual context.

4:00 The Role of Implicit Theories in the Pursuit of Expertise RUTH POGACAR, JOSHUA J. CLARKSON, University of Cincinnati; MARY C. MURPHY, Indiana University; ruth.pogacar@gmail.com Two experiments demonstrate that incremental (entity) theorists seek out experiences offering knowledge breadth (depth), as these experiences maximize (develop) their existing expertise. These findings outline an important distinction in the way individuals seek to accrue knowledge and

4:15 Beanfest Meets the iGASSP: Weighting Bias in Spontaneous Evaluative Inferences

thus offer insight into alternative means by which learning occurs.

ERICA D. SCHNEID, Purdue University; EVAVA S. PIETRI, Yale University; DONAL E. CARLSTON, RUSSELL H. FAZIO, Ohio State University; schneid@purdue.edu

The current studies examine the effect of an individual's weighting bias on overall evaluative impressions when presented with two pieces of evaluatively incongruent information. The results show that individual bias in weighting positive and negative information can have an influence on the ultimate evaluative impression we form of a target.

4:30 Examining Time-Construal Associations in the Past and Future SARA GREAVES, KENTARO FUJITA, J. CHEAVENS, K. DARWENT, S. LAZARUS, Ohio State University; saragreaves156@aol.com CLT suggests people construe distant events abstractly in both the future and the past, although this prediction has never been tested. We tested this distinction between past and future time-construal associations and found that people hold similar time-construal associations for the past and future.

TEACHING AND PSYCHOLOGY

Thursday, 3:15-4:50PM Marshfield

Moderator: KRISTIN FLORA, Franklin College

3:15 Fitting In and Feeling Satisfied: Important Predictors of Firstvear Students' Success

DUSTIN NADLER, MEERA KOMARRAJU, Southern Illinois University; dnadler10@gmail.com

We examined Person-Organization fit within the student-university context to predict student GPA and intention for retention. Regression analyses indicated that university satisfaction significantly predicted both GPA and retention intention for 303 first-year students. Higher SES students, with stronger independent motives and a greater sense of fit reported higher university satisfaction.

3:30 Predicting Student Commitment to a College Major: Applications of the Investment Model

BRIAN COLLISSON, Marian University Indianapolis;

bcollisson@marian.edu

The investment model of close relationships was used to predict student commitment to a college major. Findings revealed that students' commitment to a college major was a function of how satisfied they were with the major, how much they had invested in it, but not perceived quality of alternative majors.

3:45 Learning Beyond the Highlighter: Improving Summary Writing of Scientific Research

BRYCE SOMMER, DYLAN BLAUM, PATRICIA WALLACE, ANNE BRITT, Northern Illinois University; brycesommer@yahoo.com
The purpose of these studies was to develop a tutor that teaches students what information to include when summarizing scientific journals across 4 components (hypothesis, method, results, linking hypothesis and results). In two experiments, 2(condition) X 4(component) ANOVAs showed that students include method and results information over hypothesis and link information.

4:00 Pre-service Teacher Perspectives on Assessment, Accountability, and Personnel Policies

JULIANNA M. ALITTO, University of Wisconsin; julianna.alitto@uwc.edu

This study examined attitudes regarding current educational reform issues. Two studies were conducted utilizing the Contemporary Issues in Education questionnaire as well as Education Next and Harvard University's Program on Education Policy and Governance (PEPG) survey. The implications of pre-service teacher attitudes regarding education reform will be discussed.

4:15 Students' Demographics and Attitudes towards Psychological Research

RAY WETHERELL, MALLORY MAVES, TAYLOR, JOEL T. NADLER, Southern Illinois University Edwardsville; jnadler@siue.edu We surveyed undergraduate students (N = 749) at a Midwest state university asking their opinions on student participation in academic research. We found positive relationships with women, those with higher GPA and those with higher levels of academic motivation having more positive attitudes towards participation in academic research.

4:30 Applying Value-Instrumentality Theory to Evaluating Undergraduate Psychology Programs

JOHN D. EDWARDS, Loyola University Chicago; jedward@luc.edu The Value-Instrumentality Theory of attitudes was employed to evaluate affective outcomes for students of an undergraduate psychology program. Results indicated some substantial inconsistencies between student ratings of personal importance of values and the relevance of majoring in psychology to value attainment. Implications for psychology program curricula and pedagogy are discussed.

SOCIAL HOUR Thursday 5:00-7:00PM Empire Ballroom

Please join colleagues, students, and new friends at the MPA social hour. All are welcome! The Empire Room is adjacent to the main lobby of the Palmer House.

FRIDAY, MAY 2, 2014

Registration in Exhibit Hall 8:00AM - 2:45PM

RACE & ETHNICITY

Friday, 8:30-10:20AM Crystal

Moderator: LUCAS TORRES, Marquette University

8:30 Race Based Expectations for Involvement with the Criminal Justice System

CYNTHIA WILLIS ESQUEDA, ROSA HAZEL DELGADO, DAVID OROZCO GARCIA, University of Nebraska Lincoln; cwillis-esqueda1@unl.edu

In the current study, we examined university students' minority status and perceptions of future involvement in the justice system. Participants completed questions concerning law enforcement, policing, the criminal justice system, and related topics. Results indicated minority students' overall attitudes towards the criminal justice system remained negative, compared to non-minority students.

8:45 Risk and Resilience among Latino Adolescents: Impact on Daily Mood

STEPHANIE A. TORRES, STEPHANIE K. BREWER, ANNE K. FULLER, CATHERINE DECARLO SANTIAGO, Loyola University Chicago; storre625@gmail.com

This study examined the impact that certain risk and resilience factors can have on daily negative mood among low-income Latino adolescents. Results suggested that ethnic identity seemed to play a distinct role in various contexts and discussion will include the theoretical and practical implications of the findings.

9:00 Asian, Black, Latino/a, and White Perspectives on Racial/ Ethnic Categorization

SELENA KOHEL, Cottey College; sk237@nyu.edu

Intergroup relations are strained in the U.S. Increasing racial/ethnic identity salience and national identity salience have been proposed. Findings from an on-line survey suggest that intergroup discord could decrease if particular identities were made salient in preparation for or during interactions depending on the different racial/ethnic groups involved.

9:15 Asymmetries in Racially Stereotyping People and Places

CAITLYN YANTIS, COURTNEY M. BONAM, University of Illinois at Chicago; cyantis88@gmail.com

The current study investigated stereotypes about both people and spaces. Black areas were stereotyped as dangerous and dirty whereas White areas were stereotyped as safe and clean. These findings contribute to existing work on Black space stereotypes and also introduce novel findings about White space stereotypes.

9:30 Examining Mental Illness Stigma from a Multicultural Perspective LINDZI L. SHANKS, University of Chicago; MICHAEL J. SERRA, Texas Tech University; michael.serra@ttu.edu

We examined people's stigma for mental disorders as a function of their own gender and race, as well as that of the patients. Although participants exhibited different levels of stigma based on their own gender and race, surprisingly, the gender and race of the patients did not influence participants' ratings.

9:45 Invited Talk

Immigrant Children in a Newcomer Community: How Discrimination, Ethnic Identity, and Academic Outcomes are Shaped by School Context

CHRISTIA SPEARS BROWN, University of Kentucky; christia.brown@uky.edu

Research with Latino immigrant children living in a predominantly White community shows that the school climate and teachers' attitudes about diversity impact children's perceptions of discrimination and the development of their ethnic identity. These processes influence children's academic attitudes and performance, but the impact is exacerbated by certain school contexts.

INTERGROUP RELATIONS & PREJUDICE

Friday, 8:30-10:20AM Salon 1 Moderator: JAMES H. WIRTH, Ohio State University Newark

8:30 Invited Talk

The Threat of Well-performing Women in Masculine Domains
THERESA K. VESCIO, Pennsylvania State University; tkv1@psu.edu
I will present theory and research showing when and with what
consequences well performing women in masculine domains pose threats to

men's masculinity. Work will be presented showing the consequences for threatened men and threatening women.

9:00 Rasch Analysis of the Literature Epistemology Scale (LES) MARIYA A YUKHYMENKO, STEPHEN BRINER, University of Illinois at Chicago; SARAH LEVINE, Northwestern University; JOE MAGLIANO, Northern Illinois University; CAROL D. LEE, Northwestern University; SUSAN R. GOLDMAN, University of Illinois at Chicago; vukhym@uic.edu

The Literature Epistemology Scale (LES) is a new measure of readers' beliefs and dispositions toward literature. Rasch analysis was conducted to further assess its internal validity, showing that there were desirable psychometric properties. The LES can be used to measure middle and high school students' epistemological beliefs about literary texts.

9:15 Who Is Thought To Ridicule and Hurt Gay/Lesbian People? DOUG KRULL, Northern Kentucky University; krull@nku.edu The current results suggest that many people, especially those low in intrinsic religiosity, think that very religious people are more likely to ridicule or physically hurt gay/lesbian people. This misperception might prevent gay and lesbian people from realizing who is actually more likely to

9:30 Distinguishing the "Other": Numeric Status Threat and Group Inclusion Standards

ridicule and physically hurt them.

CLAIRE R. GRAVELIN, University of Kansas; cgravelin@ku.edu Whites respond to threats to their numeric status differently depending on the threatening out-group. Whites experienced greater threat and decreases in perceived similarity to the out-group when the threat was a Hispanic majority (Study 1). Perceived dissimilarity directly influenced White's categorization of targets based on skin tone (Study 2).

9:45 Does Savoring Intergroup Interactions Encourage Intergroup Friendship Formation?

PATRICK R. HARRISON, JACQUELYN P. HILL, FRED B. BRYANT, ROBYN K. MALLETT, Loyola University Chicago; pharrison1@luc.edu Research is just beginning to highlight factors that increase intergroup friendship formation. The present research shows that manipulating White individuals to savor experiences they have with Blacks is not effective at increasing intergroup friendship willingness but that the more individuals savor in their lives, the higher their intergroup friendship willingness.

10:00 The Effects of Counter-prejudice Training in Implicit Prejudice Regulation

XIAOQING HU, GALEN V. BODENHAUSEN, Northwestern University; xhu@u.northwestern.edu

The present study employed an associative training task to study the effect of counter-evaluative vs. counter-stereotypical training in implicit prejudice regulation. We found that compared to placebo training groups, participants in both active training groups could significantly reduce their implicit stereotypes and evaluations as measured on IATs.

SYMPOSIUM WOMEN AND WORK: BARRIERS TO EQUALITY

Friday, 8:30-10:20AM Salon 3

Moderator: CAREY S. RYAN, University of Nebraska Omaha

The purpose of this symposium is to highlight how differences between women and men in work goals, work experiences, and the ways in which women and men are viewed contribute to inequality in the workplace.

Ambition for What? Gender Differences in Intrinsic and Extrinsic Career Ambitions

REBECCA L. SHIVELY, CAREY S. RYAN, University of Nebraska Omaha; rlshively@unomaha.edu

A Goal Congruity Perspective on Career Preferences: What Do Women Want?

AMANDA DIEKMAN, Miami University; diekmaa@miamioh.edu

Judging a Book by its Cover: Feminine Women in STEM are Deemed Less Likely to be Scientists

 $SARAH\ BANCHEFSKY,\ BERNADETTE\ PARK,\ University\ of\ Colorado\ Boulder;\ Sarah.Banchefsky@colorado.edu$

Sexist Conference Climates and their Contribution to Women's Academic Career Intentions

JACKLYN BIGGS, University of Kansas, PATRICIA H. HAWLEY, Texas Tech University, MONICA BIERNAT, University of Kansas; jacklynbiggs@ku.edu

Do You See What I See? Consequences of Sexual Objectification at Work

SARAH J. GERVAIS, RICHARD L. WIENER, JILL ALLEN, KATLYN FARNUM, KATHERINE KIMBLE, University of Nebraska Lincoln; sarah.gervais@gmail.com

SEXUAL ATTRACTION

Friday, 8:30-10:20AM Salon 5/8 Moderator: ANGELA G. PIRLOTT, University of Wisconsin Eau Claire

8:30 Source Memory for Potential Mates: Better for Functionally Important Attributes?

JOSHUA E. VANARSDALL, JAMES S. NAIRNE, Purdue University; jvanarsd@purdue.edu

This study investigated the role of functional biases in source memory for faces, specifically for mating-relevant information like level of resources. It was found that women consistently rated wealthy male faces as more attractive and among male faces, remembered wealthy ones best. As expected, no similar pattern emerged for men.

8:45 A Method of Homogeneously Manipulating Men's and Women's Sexual Arousal

JAMES K. AMBLER, ELLEN M. LEE, BRAD J. SAGARIN, Northern Illinois University; jkamblerniu@gmail.com

Past research on the effects of sexual arousal often used gender-specific arousal manipulations. We offer methods of increasing and decreasing sexual arousal that cause homogenous changes in sexual arousal in men and women. Further results examine effects of orgasm on sexual arousal and effects of sexual arousal on sexual disgust.

9:00 Stress, Sex, and BDSM

ELLEN M. LEE, BRAD SAGARIN, LARISSA BARBER, JAMES K. AMBLER, Northern Illinois University; EllenMorganLee@gmail.com This study was designed to better understand how stress (tension and depletion) impacts the sexual activities within the general population and the BDSM community. Results demonstrated that tension was negatively related to sexual activity only for BDSM practitioners, whereas everyone experienced reductions in sexual activity when depleted.

9:15 Differences in Sexual Knowledge, Attitudes and Behaviors by Sexual Orientation

MARLA BROWN, LAUREN YADLOSKY, ERIN PLUNKETT, ALISON HANLEY, ED DE ST. AUBIN, Marquette University;

ed.destaubin@marquette.edu

Non-heterosexual university students scored significantly higher than heterosexuals on Knowledge of Human Sexuality and Masturbation frequency. Heterosexual students scored higher on anti-gay attitudes. Also quite revealing, there were no group differences in giving oral sex or partner

committedness. Sex differences in these areas were also discovered and discussed.

9:30 Women's Sexual Perceptions Mediate the Dark Triad-Mate Retention Efforts Relationship

JACOB M. STOLMEIER, Western Illinois University; THOMAS L. HANSON, Gateway Technical College; JOHN M. ELDER, Western Illinois University; jstolme@gmail.com

The Dark Triad of personality is positively related to mate retention efforts; however, this relationship has not been theoretically explained for female samples. This study examines the mediating role sexual perception has in this relationship. Women rated sexual interest within a female/male dyad photograph. Results support sexual perception's mediating role.

9:45 Tattoos and Sexual Attraction

DANIEL J. DELANEY, STEVEN J. SCHER, Eastern Illinois University; sjscher@eiu.edu

Koziel et al. (2010) proposed that tattoos signal mate quality. Tattooed individuals had lower levels of fluctuating asymmetry than non-tattooed persons. Contrary to this, our Ps rated people who actually had a tattoo less attractive. Whether or not a tattoo was showing did not affect ratings of attractiveness.

10:00 Who is Man's Best Friend for Attracting Women?

DANIEL J. KRUGER, University of Michigan; JESSICA SLOAN, University of Toledo; SIGAL TIFFERET, Ruppin Academic Center; kruger@umich.edu

Dog ownership differentially influences men's attractiveness to women depending on the length of the relationship sought and the type of dog. Friendly looking dogs decrease perceptions of high mating effort in socially dominant men and decrease attractiveness of both dominant and prestigious men for short-term romantic and brief sexual relationships.

SYMPOSIUM INTERSECTIONS OF SEXUALITY & IDENTITY IN ADULT MEN

Friday, 8:30-10:20AM Salon 6/7 Moderator: J. MICHAEL BAILEY, KEVIN J. HSU, THEODORE L. SEMON, Northwestern University

The purpose of this symposium is to present diverse research on the ways in which sexuality and identity interact in adult men. The presentations will address attraction toward heavier partners and disgust toward women in gay men and a type of sexual attraction that is directed toward the self in some male cross-dressers. The relations between these aspects of sexuality and identity will be discussed along with their implications.

Bears, Otters, Chubs, and Chub-Chasers: Body-Specific Gay Identities and Their Psychological, Cultural, and Sexual Attributes DAVID A. MOSKOWITZ, New York Medical College; david_moskowitz@nymc.edu

A Possible Route to Bisexual Identity: Reduced Inhibition to Women Among Homosexually-oriented Men

THEODORE L. SEMON, Northwestern University; theodoresemon 2012.@u.northwestern.edu

Gender and Sexual Identity in Autogynephilic Men

KEVIN J. HSU, Northwestern University; khsu@northwestern.edu

Discussant

J. MICHAEL BAILEY, Northwestern University; jmbailey@northwestern.edu

ATTENTION & INTERACTIVE MEDIA

Friday, 8:30-10:20AM Salon 12 Moderator: TIMOTHY A. STEENBERGH, Indiana Wesleyan University

8:30 Invited Talk

Video Games as a Tool to Train Perception and Attention

REBECCA ACHTMAN, Denison University; achtmanr@denison.edu Do you play video games? Do you wonder what effect, if any, playing these games might have? I will present research demonstrating that individuals who play action video games show superior performance compared to their non-game playing peers on a range of vision and attention tasks.

9:00 What Would My Avatar Do? Gaming, Pathology, and Decision Making

KIRA BAILEY, University of Missouri-Columbia; ROB WEST, Iowa State University; baileyki@missouri.edu

The current study examined the relationship between pathological and non-pathological video game use, impulsivity, and risky decision making. Consistent with previous work, approximately 7% of the current sample of college-aged adults met criteria for pathological video game use. Pathology predicted increased impulsivity and greater risk-taking in laboratory tasks.

9:15 Toddlers' Learning from Touchscreens: Object Retrieval Using Interactive vs. Non-Interactive Video

KOEUN CHOI, ELIZABETH L. SCHROEDER, HEATHER L.

KIRKORIAN, University of Wisconsin Madison; kchoi38@wisc.edu This study explored the impact of different types of interactivity on object-retrieval task using touchscreens. Older children (33-42 mos) performed equally well across conditions. Younger children (24-33 mos) only demonstrated greater-than-chance performance with specifically interactive video, suggesting the importance of guiding toddler's attention to the most relevant information on screen.

9:30 The Effect of Televised Distractors on 3-year-olds' Task Progress and Attention

KATHRYN J. O'TOOLE, KATHLEEN N. KANNASS, Loyola University Chicago; kotoole2@luc.edu

The goal of the project was to investigate how televised distraction (adult-vs. child-directed programs) and no distraction affected task progress and attention in 3-year-olds. Results suggest that both types of programs are disruptive; the presence of child-directed programs in the background is especially detrimental to 3-year-old's progress and attention.

9:45 The Attentional Blink for Same- and Other-Race Faces KURT SCHUEPFER, KURT HUGENBERG, Miami University; schuepferk@gmail.com

The attentional blink procedure, designed to measure early visual attention, was used to measure differences the extent to which rapidly presented same- and other-race faces enter conscious awareness. Two studies employing White participants found that rapidly presented White faces were more likely to enter awareness than were Black faces.

10:00 Set-Specific Capture Effects are Modulated by Associative Learning

ELIZABETH WIEMERS, RAHAF DAMRA, KATHERINE MOORE,

Elmhurst College; katherine.moore@elmhurst.edu

Set-specific capture is a severe form of contingent attentional capture, occurring when more than one goal is concurrently pursued. We determined that while training can reduce set-specific capture, it is very specific to low-level associations; flexible task-switching skills are not improved.

SPECIAL TOPICS IN HEALTH PSYCHOLOGY

Friday, 8:30-10:20AM Wilson

Moderator: W.H. DAVIES, University of Wisconsin Milwaukee

8:30 "It Worked for Me!" Normative Influence and Placebo Responding

LINDSAY ROBERTS, JASON ROSE, ANDREW L. GEERS, University of Toledo; lindsay.rae.roberts@gmail.com

We examined how social norms impact performance in a placebo context. Participants told that a high percentage of their peers had improved after consuming a sham energy drink outperformed low-percentage and pure placebo conditions, indicating that placebo responding is enhanced when participants believe that most others experience a given outcome.

8:45 Subjective Social Status, Well-Being, and Risk Behavior: The Role of Referent Abstraction

HEATHER M HAUGHT, JASON ROSE, JILL A. BROWN, ANDREW L. GEERS, University of Toledo; heather.m.haught@gmail.com
Subjective Social Status (SSS) is an important predictor of health and wellbeing. We explored whether the links between SSS, health risk behavior, and well-being varied as a function of the referent used for comparison (concrete vs. abstract). Implications are discussed in terms of comparison processes and public health.

9:00 Ironic Effects of Stigmatizing Tobacco Smoking

JOHN R. CAYER, JOHN B. PRYOR, ERIC D. WESSELMANN, Illinois State University; pryor@ilstu.edu

In a sample of smokers, the amount of social encouragement to quit from close friends was a significant predictor of quitting intentions. Perceiving a public stigma associated with smoking was related to having more "smoking buddies" among one's close friends, which was related to less encouragement to quit smoking.

9:15 College Students' Perceptions Towards Smoking SYDNEY XINNI CHAN, JOSEPH DAKE, University of Toledo;

xinni.chan@rockets.utoledo.edu

This qualitative study explored the insights of nonsmokers regarding smoking behavior to uncover the factors that prevent them from smoking. Findings revealed that nonsmokers have an "I don't mind" attitude toward their family and friends who smoke but they would be very disappointed with them if nonsmokers started to smoke.

9:30 Insomnia Symptom Severity, Treatment Acceptability, and Willingness to Change

SHELBY AFFLERBACH, Minnesota State University Mankato; shelby.afflerbach@mnsu.edu

The purpose of this study is to examine the effects of insomnia symptom severity, change, treatment acceptability, and outcomes on patient improvement. Archival data from thirty-one patients in the upper Midwest was used. Results of this study indicate that these variables do not predict patient improvement for individuals experiencing insomnia.

9:45 Promoting Equal Rates of STI-Testing for LGB Individuals CINDY GREEN, Eastern Michigan University; RANDAL D. BROWN, University of Nevada, Reno; NATALIE DOVE, Eastern Michigan

University; ndove@emich.edu

How can the spread of STIs among LGB populations be curbed? We tested marketing campaigns that compared self-, partner-, and relationship-focused STI-prevention messages and found that the partner- and relationshipfocused messages were most effective and motivated more participants to obtain an STI-screening. Implications for future STI-testing related campaigns are discussed.

10:00 Risk Communication on Demand: A Plea for Extended Tailoring FRAUKJE E. F. MEVISSEN, REE M. MEERTENS, ROBERT A. C.

RUITER, Maastricht University; fraukje.mevissen@maastrichtuniversity.nl Several studies showed the effectiveness of tailored risk information above general, non-tailored risk information in changing people's perceptions and behavior. By presenting three studies, we show that the effectiveness of risk communication can be enhanced by not only tailoring the content of the message but also its delivery and timing.

SYMPOSIUM SOCIAL COMPARISON, SELF-EVALUATION, & WELL-BEING

Friday, 8:45-10:20AM Salon 9 Moderator: JUSTIN BUCKINGHAM, Towson University

Sixty years after the publication of Festinger's (1954) theory, social comparison remains central to social psychological processes. This symposium examines the role of social comparison in understanding how people evaluate themselves, maintain well-being, and make decisions. The first three presenters examine the effect of social comparison on self-evaluations. The final two presenters examine the role of social comparison in the context of health and well-being. Together, this symposium highlights the continued importance of social comparison in contemporary social psychological research.

The Role of Referent Ability in Social Comparison Effects ETHAN ZELL, University of North Carolina Greensboro, MARK D. ALICKE, Ohio University; e zell@uncg.edu

Social Media, Social Comparison, and Self-Esteem ERIN VOGEL, JASON P. ROSE, LINDSAY ROBERTS, KATIE ECKLES, University of Toledo; Erin.Vogel@rockets.utoledo.edu

Self-Esteem Moderates the Effect of Social Comparison on Women's Appearance Contingent Self-Worth

JUSTIN BUCKINGHAM, ALLISON SYPHER, Towson University; jbucking@towson.edu

A Correlational and Experimental Investigation of Mindfulness, Envy, and Subjective Well-being

DAVID R. SCHURTZ, Stevenson University, JENNIFER M. BATES, University of Maryland Baltimore County; dschurtz@stevenson.edu

Choosing with Others in Mind: Health Decision-Making when Considering Close or Distant Others

JILL A. BROWN, HEATHER HAUGHT, ANDREW GEERS, University of Toledo; jill.anne.brown@gmail.com



MPA Invited Address

HOW REAL AND IMAGINED PHYSICAL EXPERIENCES INFLUENCE SOCIAL JUDGMENT AND BEHAVIOR

JOHN BARGH, Yale University john.bargh@yale.edu

There have been many demonstrations recently of physical experiences influencing more abstract, higher order cognitive processes as well as social behavior, in a metaphorical or analogic manner. For example briefly holding something warm induces a tendency to appraise others (and consumer products) in a socially 'warm' fashion. It is argued that the early learning of the physical nature and qualities of the world lays a groundwork of mental concepts on which later developing social and abstract concepts are 'scaffolded' or built. This creates strong associative connections such that physical experiences as well as motivations (such as for safety and disease avoidance) exert an influence on our social attitudes and behavior.

Friday, 9:00-10:20AM Grand/State

Moderator: ALLEN R. MCCONNELL, Miami University

COGNITIVE NEUROSCIENCE

Friday, 9:30-10:20AM Salon 10 Moderator: STEVE CROKER, Illinois State University

9:30 Seeing a Felt Size in a Mirror Biases an Unseen Felt Size GIOVANNI F. MISCEO, GORDON A. WELIVER, Benedictine College; gmisceo@benedictine.edu

Thirty-eight participants felt the widths of two objects, one in each hand. Half could see and half could not see one hand in a mirror. The seen-felt width in the mirror biased their subsequent estimate of the object's felt width in their unseen hand.

9:45 Encoding Strategy Can Overpower Stress Effects on Retrieval SARA L. BAGLEY, Loras College; sara.bagley@loras.edu

This study investigated if different encoding strategies used at encoding could ameliorate the stress-induced memory retrieval impairments commonly incurred. Data from sixty-seven participants showed no differences in memory performance from stress, but strong differential memory performance from encoding strategy used.

10:00 The Interaction Between Outcome and Expectancy in Feedback Processing

STEVE J. ANDERSON, ROBERT WEST, Iowa State University; synapse7@iastate.edu

To better understand observed differences in the FRN waveform between Bust and Loss outcomes in Blackjack, the effects of subjective expectancy and agency on feedback processing were examined. The ERP data revealed that FRN amplitude is sensitive to both violations of expectation and the direction of those violations.



MPA Invited Address

THE REMARKABLE ADVANCES IN THE SCIENCE OF HAPPINESS

EDWARD F. DIENER, University of Illinois ediener@illinois.edu

The field of subjective well-being has moved from a focus on demographic correlates of happiness to analyzing processes such as adaptation. A new major focus is the outcomes of happiness, such as health, relationships, work productivity, and citizenship. National accounts of well-being are being adopted by nations, allowing psychologists to demonstrate the applied benefits of their science.

Friday, 10:30AM-11:50AM Grand/State

Moderator: JOHN B. PRYOR, Illinois State University

OSTRACISM: SOCIAL DEATH

Friday, 10:30AM-12:20PM Crystal Moderator: JASON THEMANSON, Illinois Wesleyan University

10:30 Prejudice Predicts Stereotype Application Following Social Exclusion

MICHAEL J BERNSTEIN, Pennsylvania State University; HEATHER M CLAYPOOL, Miami University; mjb70@psu.edu

Research shows that excluded individuals apply stereotypes less than others do, but only if the target is perceived as a reasonable affiliation partner. Here, we found that individual differences in prejudice predicted differential stereotyping of a target following exclusion. The implications for the exclusion-stereotyping relation are discussed.

10:45 Self-Presentation Moderates the Relationship between Exclusion and Self-Esteem

TAYLOR TUSCHERER, Miami University; MICHAEL J. BERNSTEIN, Pennsylvania State University; HEATHER M. CLAYPOOL, Miami University; STEVEN G. YOUNG, Fairleigh Dickinson University; DONALD F. SACCO, University of Southern Mississippi; CHRISTINA M. BROWN, Arcadia University; tuschetr@miamioh.edu Researchers disagree about whether exclusion lowers self-esteem. Many studies exclude participants publically, likely triggering self-presentational concerns (SPCs) that may discourage reports of lowered self-esteem. Accordingly, we found exclusion reliably lowered self-esteem when SPCs were low, but not when SPCs were high. Thus, exclusion lowers self-esteem, but SPCs obscure this effect.

11:00 Aggressive and Prosocial Responses Following Ostracism HAYLEY M SKULBORSTAD, Miami University; ALLEN MCCONNELL, Miami University; hskulborstad@gmail.com Participants were included or excluded (Cyberball) then played either a game that allowed prosocial or aggressive behaviors. In the aggression game, ostracized individuals felt the greatest social needs fulfillment when they were more aggressive. In the prosocial game, ostracized people felt greater social needs fulfillment when they were more prosocial.

11:15 Acetaminophen Dampens Social Pain but Not Conflict Detection: A Test of the Neural Alarm System Hypothesis

IAN D. ROBERTS, BALDWIN M. WAY, Ohio State University; roberts.1134@osu.edu

Acetaminophen dampens neural (i.e. anterior cingulate; ACC) and self-report responses to social exclusion (DeWall et al., 2010). Based on theories of ACC function, it has been proposed that acetaminophen may affect conflict detection processes. In the presented work, acetaminophen reduced hurt feelings but not conflict detection. Alternative mechanisms are discussed.

11:30 The Impact of Ostracism on Perceptual Judgments of Distance JAMES A CLINTON, JOHN J SKOWRONSKI, KATJA WIEMER,

Northern Illinois University; jmclntn22@gmail.com

We investigated whether a perceiver's ostracism experiences or inclusion experiences affect subsequent judgments of how far away a social target is from the perceiver. When the targets were at close range, relative to judgments made about chairs: (1) ostracized participants lengthened distance judgments, and (2) included participants shortened distance judgments.

11:45 Solitude Seeking after Ostracism

DONGNING REN, Purdue University; KIPLING D. WILLIAMS, Purdue University; dren@purdue.edu

Ostracism has been found to induce cognitive depletion, emotional numbness, prosocial or antisocial behaviors. This research investigated whether individuals prefer solitude after ostracism. Correlational data showed that participants who reported more ostracism experiences indicated more solitude preferences; two experiments demonstrated that ostracism increases the desire to be alone.

12:00 Burdensome Individuals Surprisingly Endorse Hierarchies JAMES H. WIRTH, Ohio State University Newark; EMILY M. ZITEK, Cornell University; wirth.48@osu.edu

High-ranking individuals like hierarchies, but what about individuals who are burdensome (i.e., perform poorly) and therefore will have low ranks? In two studies, participants imagined performing better, equal, or worse than the group. Better and worse performers endorsed group hierarchy, with feeling ostracized mediating the relationship for worse participants.

GENDER FORMATION & GENDER OUTCOMES

Friday, 10:30AM-12:20PM Salon 1
Moderator: ELAINE BLAKEMORE, Indiana University-Purdue University

Fort Wayne

10:30 Invited Talk

Gender Polarization as a Motivated Process

JENNIFER K. BOSSON, University of South Florida; jbosson@usf.edu Gender polarization is the tendency to view masculinity and femininity as opposite ends of a single continuum. In this talk I discuss research demonstrating that men (more than women) use gender polarization to keep femininity at bay, especially following experiences that threaten their gender status.

11:00 The Influence of Perceived Goal Achievement of the Women's Rights Movement on Feminist Identification

ABIGAIL A. MITCHELL, Nebraska Wesleyan University; ALICE H. EAGLY, Northwestern University; amitche2@nebrwesleyan.edu Drawing from social identity theory, this research examines whether the perceived goal achievement of the women's rights movement can explain decreasing levels of feminist identification. An experimental study found that perceptions of greater goal achievement by the women's rights movement caused lower levels of feminist identification.

11:15 Presidencies of Psychological Associations: How Far Have Women Come?

CLAIRE A. ETAUGH, COURTNEY SIEMSEN, Bradley University; cetaugh@bradley.edu

During the late 1960's and 1970's, the American Psychological Association (APA) took initiatives to enhance women's status in psychology. We hypothesized that one consequence would be a significant increase in women elected as presidents of APA and the three oldest regional associations starting in the 1980's. The hypothesis was supported.

11:30 Gender-typing of Grandparents in 21st-Century Children's Picture Books

CLAIRE ETAUGH, EGLE STRAVINSKAITE, NICHOLE PIENTKA, Bradley University; cetaugh@bradley.edu

We examined portrayals of grandparents in 21st-century children's picture books. Compared to grandfathers, grandmothers appeared more frequently, especially with granddaughters, performed more domestic and child care activities, fewer outdoor activities, and were equal in activity level and affectionately touching grandchildren. These portrayals reflect the changing societal roles of grandparents.

11:45 Emerging Adults' Self and Parental Body-Image Perceptions and Parent Relationships

CLAIRE A. ETAUGH, KELLY HERNANDEZ, EGLE STRAVINSKAITE, COURTNEY THOMAS, Bradley University;

cetaugh@bradley.edu

Emerging adult women's body image and body esteem correlated positively with their perceptions of parents' views of their current and ideal bodies, and with women's relationships with their parents. These associations were weaker for emerging adult men. Findings suggest possible gendered ideologies of subclinical eating problems in emerging adulthood.

12:00 Children's Gendered Selections of Toys: Theory, Research, and New Directions

ERICA WEISGRAM, University of Wisconsin Stevens Point; MEGAN FULCHER, Washington and Lee University; LISA DINELLA, Monmouth University; Erica.Weisgram@uwsp.edu

Preferences for gender-typed toys among preschool children were explored with two experiments. Results indicated that toy type (masculine/feminine) and toy color (masculine/feminine) played causal roles in children's preferences for familiar and novel toys. In particular, pink served as a marker for girls' interest in items. Theoretical implications will be discussed.

SOCIAL COMPARISON & OBJECTIFICATION

Friday, 10:30-11:45AM Salon 3

Moderator: JONATHAN W KUNSTMAN, Miami University

10:30 Invited Talk

From People to Sex Objects: The Causes and Consequences of Sexual Objectification

SARAH J. GERVAIS, University of Nebraska Lincoln; sgervais2@unl.edu This talk will ask two related questions: 1) Why, when, and with what consequences do people sexually objectify others? 2) What are the adverse consequences of being sexually objectified by others? Implications for sexual harassment and sexual violence will be considered.

11:00 The Impact of Self-regulatory Resources on Sexual Objectification

JAMES TYLER, Purdue University; RACHEL CALOGERO, University of Kent; tyler@purdue.edu

We reasoned that if "doing" sexual objectification is habitual, then sexually objectifying a woman should consume minimal regulatory resources, whereas overriding such impulses should deplete resources. Results across three studies show that overriding the urge to sexually objectify a woman and replacing it with less objectifying behavior depletes self-regulatory resources.

11:15 Money Matters Less Than You Think: External Incentives Weigh More in Planning Than Doing

KAITLIN WOOLLEY, AYELET FISHBACH, University of Chicago Booth School of Business; kwoolley@chicagobooth.edu
Four studies showed external incentives mattered more in planning than pursuing an activity. People erroneously chose to purse activities high on external incentives, compromising intrinsic interest. However, persisted less and slacked more on these activities that lacked the internal incentives to keep them engaged during pursuit.

11:30 Effects of a Smartphone-Delivered Gratitude Intervention Assessed by Ecological Momentary Assessment

TIMOTHY A. STEENBERGH, JASON D. RUNYAN, A. DAUGHERTY, HANNAH WOODARD, TIFFANY LEFEVER, EMILY RAGSDALE, Indiana Wesleyan University; jason.runyan@indwes.edu While studies of gratitude interventions have shown promise, their methods have limitations. This study used ecological momentary intervention and assessment (EMA/I) to address some of those limitations by providing the intervention in the moment, and assessing mood immediately afterward. We report in the moment effects on mood level and variability.

DEVELOPMENTAL PATHWAYS: CHILDHOOD THROUGH EMERGING ADULTHOOD

Friday, 10:30AM-11:30AM Salon 5/8

Moderator: JILL RINZEL, University of Wisconsin

10:30 Early Pathways: Home-Based Therapy for Young Children in Poverty

SARA HARRIS, ROBERT FOX, JOANNA LOVE, ANNE STOCKER, Marquette University; sara.harris@mu.edu

Early Pathways: Home-Based Therapy for Young Children in Poverty (EP; formerly known as Parenting Young Children) is an evidence-based program for the treatment of externalizing behaviors. Efficacy study results revealed significant improvements in both parent and child behavior measures in the treatment group as compared to waitlist control.

10:45 Meta-analysis of Mental Health Promotion Programs for Higher Education Students

ALEXANDRA C. KIRSCH, COLLEEN S. CONLEY, Loyola University Chicago; akirsch@luc.edu

This meta-analysis investigated the effectiveness of universal promotion and prevention programs for higher education students on a range of adjustment outcomes. Results indicate that skills oriented programs are more effective than non-skills oriented and psychoeducational interventions, and that there are certain features of interventions that improve effectiveness.

11:00 Sexual Orientation and Gender Impact on Predictors of Eating Symptomatology

ALEXANDRA C. KIRSCH, COLLEEN S. CONLEY, Loyola University Chicago; akirsch@luc.edu

This study considered the interaction of gender and sexual orientation on specific elements of body image and disordered eating. Results revealed indicated significant differences in gender and sexual orientation for dieting and bulimic symptomatology, as well as differences in muscularity and body fat elements of body image for males.

11:15 Mothers' Dieting Talk and Weight-Related Pressure Predicts Daughters' Body Image

ERIN E HILLARD, DAWN M GONDOLI, ALEXANDRA F CORNING, REBECCA A MORRISSEY, University of Notre Dame; ehillard@nd.edu This study investigated girls' body image and disordered eating as a function of mothers' encouragement to lose weight and discussion of maternal dieting. Girls whose mothers encouraged them to lose weight showed greater body dissatisfaction and drive for thinness, and were more likely to engage in dieting behavior.

SOCIAL INFLUENCE & SOCIAL PERCEPTION

Friday, 10:30AM-12:20PM Salon 6/7 Moderator: HELEN HARTON, University of Northern Iowa

10:30 Invited Talk

Missed Programs (You Can't TiVo this One):

Why Psychologists Should Study Media

BRADLEY M. OKDIE, Ohio State University Newark; Okdie.2@osu.edu We read media, we watch media, we create media, and we interact with others using media. So, why don't we study it? This talk argues for the increased study of media by psychologists and outlines a theoretical framework from which psychologists can approach the study of media.

11:00 Ingroup Associated Product Marketing: The Case of Alcohol Advertising

CHRIS LOERSCH, University of Colorado; BRUCE D. BARTHOLOW, University of Missouri; TIFFANY A. ITO, University of Colorado; chris.loersch@colorado.edu

Alcohol manufactures frequently associate their products with major U.S. universities, attempting to "join" students' ingroup. In a series of studies, we demonstrate that exposure to this marketing strategy changes the perceived safety of beer and creates an attentional processing bias that predicts changes in drinking a month after the experiment.

11:15 The Role of Expertise in the Emergence of Minority Influence RILEY G. DUGAN, JOSHUA J. CLARKSON, The University of Cincinnati; duganrg@mail.uc.edu

The present research demonstrates that experts (novices) are more vulnerable to minority (majority) influence, as reliance on these different sources validates one's subjective expertise. These findings are consistent with an emergent social identity perspective on the presence of minority influence effects in persuasion.

11:30 Political Partisanship Biases the Mental Representation of a Presidential Candidate's Face

ALISON I. YOUNG, KYLE G. RATNER, RUSSELL H. FAZIO, Ohio State University; young.1415@osu.edu

Do Republicans and Democrats see Mitt Romney's face differently? Using reverse correlation image classification, we estimated participants' mental representations of Romney's face at the height of the 2012 election. Independent judges rated the visual images generated by Democrats as less trustworthy than those from the minds of Republicans.

11:45 Investigating Moral Conflict in Anticipated Social Interactions BRITTANY E HANSON, LINDA J SKITKA, University of Illinois at Chicago; bhanso5@uic.edu

We studied how people anticipate they will react to moralized versus nonmoralized political discussion. People anticipate that moralized interaction will be negative, demanding, and want to avoid it when the disagreed versus agreed with an imagined discussion partner. Nonetheless, moralization predicted interest and engagement in political discourse.

12:00 Coherence in Negative Experiences Sustains Meaning in Life SAMANTHA J. HEINTZELMAN, LAURA A. KING, University of

Missouri, Columbia; sjhgh2@mail.missouri.edu

Patterns and coherence foster meaning in life. The current work extends these findings to negatively valenced experiences. Participants encountering negative stimuli in a patterned or coherent manner rated their lives as significantly more meaningful compared to those who encountered the same stimuli in a random manner.

SYMPOSIUM LATINO CULTURAL EXPERIENCES & MENTAL HEALTH: ETHNIC IDENTITY, ACCULTURATION, & DISCRIMINATION

Friday, 10:30AM-12:00PM Salon 10

Moderator: LUCAS TORRES, Marquette University

Latinos continue to be one of the fastest growing populations living in the United States. As such, it is important that empirical research focus on the cultural factors that contribute to Latino mental health. The presentations in the current symposium address different variables that are associated with mental health conditions, including depression and alcohol use. The research findings will focus on identifying protective and risk factors related to adjustment and psychological well-being. The strength of the current symposium involves the various methodologies and variables examined to better understand the complex interplay of cultural variables among various samples of Latino adults from the community. The theoretical and practical implications of all of these findings will be discussed within a stress and coping framework.

Latino Cultural Factors Associated with Success in the United States CLAIRE BIRD, Marquette University; claire.bird@mu.edu

Ethnic Identity in Relation to Thriving and Discrimination AMARDEEP KHAHRA, Marquette University; amardeep.khahra@mu.edu

Attributions to Discrimination of Ambiguous Stimuli: The Role of Ethnic identity and Acculturation
JESSICA SANDOVAL, Marquette University; Jessica.sandoval@mu.edu

Evnovioness of Pagial/Ethnia Migrographs and Latina Montal

Experiences of Racial/Ethnic Microaggressions and Latino Mental Health

 $FRANCES\ ALFONZO,\ Marquette\ University;\ frances. alfonzo@mu.edu$

SYMPOSIUM COGNITION, METACOGNITION, AND KNOWLEDGE ACQUISITION: CURRENT APPROACHES TO LEARNING IN COMPLEX COGNITIVE DOMAINS

Friday, 10:30AM-12:20PM Salon 12 Moderator: THOMAS H. CARR, Michigan State University

Cognitive psychologists and cognitive developmentalists have become increasingly interested in doing research and developing theories that lead to applications in the real world. Nowhere has this been more evident than in the investigation of education-relevant problems, such as those represented here: foreign language acquisition, learning in academic courses, differences in learning across cognitive domains, and the role of different kinds of learning activities in maximizing achievement. Our symposium brings together four different takes on what such research is like and what it might contribute to theory and to application, plus a discussion that aims to rise above the details to focus on what this "new wave" of applied cognitive psychology is all about.

Blocking Benefits Foreign Language Pronunciation Learning More Than Interleaving

SHANA CARPENTER, Iowa State University; shacarp@iastate.edu

Successive Relearning Improves Course Exam Performance and Long-Term Retention

KATHERINE RAWSON, Kent State University; krawson1@kent.edu

Test-Enhanced Learning across Domains: The Strange Case of Visuospatial Memory

THOMAS H. CARR, Michigan State University; carrt@msu.edu

From Action to Abstraction: Using the Hands to Learn Math SUSAN GOLDIN-MEADOW, University of Chicago; sgsg@uchicago.edu

Evidenced-Based Education Reform: Promising Approaches and New Directions

JOHN DUNLOSKY, Kent State University; jdunlosk@kent.edu

POSTER SESSION BIOPSYCHOLOGY & NEUROSCIENCE

Friday, 10:30AM-12:20PM Exhibit Hall

Moderator: DAVID C. RICCIO, Kent State University

1 Psychophysiological and Neuroendocrine Correlates of the Acute Stress Response

STEPHANIE R. POTTS, WILLIAM T. MCCUDDY, ROBERT C. HARR, MAUREEN M. TRAUDT, BRIAN P. KEMP, NATALY AGUIRRE, BRADLEY T. ZASTROW, ANTHONY J. PORCELLI, Marquette University; anthony.porcelli@marquette.edu Multiple stress induction techniques have been used to elicit acute stress in lab. Passarch supposts that resulted by including and payment decimal.

Multiple stress induction techniques have been used to elicit acute stress in lab. Research suggests that psychophysiological and neuroendocrine responses to stress may vary based on the technique utilized. The goal of the current study was to compare the biological profiles of the stress response by method of stress

2 Investigation of Trial Number on Flavor Aversions in A+/AX+Conditioning

W. ROBERT BATSELL, JR., IAN GOOD, DANA ALLSWEDE, KATHERINE CURLEY, Kalamazoo College; rbatsell@kzoo.edu In flavor-aversion conditioning, A+/AX+ conditioning yields synergistic results (augmentation) rather than the expected competitive outcome of blocking. To produce blocking, we increased trial number during A+ conditioning or AX+ conditioning. Yet, augmentation occurred in both studies; trial number is not the determining factor in the expression of blocking or augmentation.

3 Examining Emotion Processing Differences in Individuals with Alexithymia Using Psychophysiological Measures

MASU OMURA, ELIZABETH KIEBEL, CHRISTINA PRAHLER, KEARSTON BARWEGEN, HIROKO SOTOZAKI, SANDRA MCFADDEN, Western Illinois University; m-omura@wiu.edu Skin conductance responses, heart rate changes, and event related potentials were measured as participants viewed emotionally charged photos and completed emotion labeling and arousal rating tasks. Results were compared between high and low Alexithymia groups (based on Toronto Alexithymia Scale scores) to assess behavioral and physiological differences in emotion processing.

4 Patients Prefer Oral Acne Prescribers to Psychotropic Prescribers TYLER KITSON, EUGENE BOTANOV, University of Kansas; tikitson@ku.edu

We examined how individuals perceive the quality, quantity and adequacy of information received from medication prescribers. Individuals prescribed antidepressants, compared to oral acne medication, reported receiving significantly less information and experiencing a poorer quality of treatment. These differences in prescriptive habits may play an important role in pharmacotherapy nonadherence.

5 Effects of Environmental Enrichment on d-Amphetamine Self-Administration Following Nicotine Exposure

SARAH E. EWIN, MEGAN M. KANGISER, CHRIS A. SALVATORE, KAITLIN A. DOUGHERTY, MARKUS N. PFAFF, MARSHALL K. SCHROEDER, DUSTIN J. STAIRS, Creighton University; dustinstairs@creighton.edu

The purpose of the present study was to determine if enrichment alters nicotine-induced increases in amphetamine self-administration. Enriched and impoverished rats were pretreated with nicotine or saline and tested for levels of amphetamine self-administration. Results indicate that enrichment decreases the ability of nicotine exposure to alter the amphetamine self-administration

6 Environment and Food Deprivation Moderate Naltrexone's Effects on Food-maintained Responding

REBECCA S HOFFORD, HAILEY WALTERS, NICOLE KLEIN, MOLLY LISTERMAN, MICHAEL T BARDO, University of Kentucky; rshofford@gmail.com

Given opioids' role in social behavior and motivation, this study examined the role of rearing environment on naltrexone's ability to decrease food-maintained responding. Naltrexone effectively decreased food-maintained responding in both food sated isolated and enriched rats. However, when rats were food deprived, naltrexone decreased food-maintained responding in enriched rats only.

7 Effect of Social Cues on Reinstatement of Cocaine Seeking

VIRGINIA WEISS, University of Kentucky; JUSTIN YATES, Northern Kentucky University & University of Kentucky; LOGAN ROBERTS, MICHAEL BARDO, University of Kentucky; v.weiss@uky.edu This study looked at the effects of using a conspecific as a cue for cocaine self-administration, specifically reinstatement elicited by a cocaine- or saline-paired rat. Results revealed that the mere presences of a conspecific may be sufficient to reinstate responding, regardless if they were previously paired with cocaine or saline.

8 Prenatal Methamphetamine Effects During Postnatal Cocaine Place Conditioning in Cockerels

MICHAEL BAKER, MACKENZIE DONNELLY, NICHOLE GEVOCK, SARA HEIZER, ERINN HOEL, AMBER MUNDT, MATHEW BAILEY, Coe College; mbaker@coe.edu

Fertile eggs were injected with Methamphetamine (MA), 0.0 or 16.0 mg/kg, on E7-9. On PHD 6-11, cockerels received cocaine, COC, (0.0 or 4.0 mg/kg) with a CS+. MA/COC chicks were more active. On PHD 12, chicks received a 5-min CPP trial. Both COC groups spent more time with the CS+.

9 Correlation of Complex Figure Process Scores and Executive Functioning

BRITTANY SWANSBORO, ELLEN DAY, ERIKA GOBBI, MICHELLE CASCIO, AMIR POREH, Cleveland State University;

b.swansboro@vikes.csuohio.edu

The present study describes performance of older adults (N=60) on complex figure tasks, confirms that strategy scores correlate with executive functioning, and shows that strategy scores predict the ability of subjects to recall the figure. The study examined the validity of the Bennett-Levy scoring system on the above tasks.

10 Hemispheric Differences in Functional Creativity JACLYNN SULLIVAN, ERIC PRICHARD, DOUG LANNING,

University of Toledo; jaclynn.sullivan@rockets.utoledo.edu
This study investigates creative responding as a function of handedness.
Participants complete the Word Association Norms Task, the Alternate
Uses Task, and the Edinburgh Handedness Inventory. It is predicted that
inconsistent handers will show greater levels of overall creativity as
compared to consistent handers.

11 Left Hemisphere Sensitivity to Detection of Weak Associates TIMOTHY GEORGE, University of Illinois at Chicago; HENK HAARMANN, University of Maryland; timothygg@gmail.com This experiment tested for hemispheric asymmetry in detecting weakly-related meaning by laterally presenting either weakly related or unrelated word pairs. Participants made relatedness judgments and signal detection measures were calculated. Results indicated higher left than right hemisphere sensitivity to detecting weak associates, inconsistent with theories of right hemisphere coarse coding.

12 Cognitive Conflict: Viewing Images of High versus Low Fat Food KATHERINE HARDY, SARAH BJORK, CHELSEA DEHNKE, MELISSA WARLOW, ANGELA OAKS, KEESAHN RHEINGANS, University of Wisconsin Stout; MICHAEL P.W. DONNELLY, Sulcus Scientific Consulting; DESIREE BUDD, University of Wisconsin Stout;

buddd@uwstout.edu

Participants brain responses to 30 pictures of food preceded by a low fat label and the same 30 pictures preceded by a generic label were measured using ERPs. Participants high on BIS scale showed greater sensitivity to the fat content of food than those low on the BIS scale.

13 Lies, Damned Lies, and the N200

DANIEL COMSTOCK, BRETTINA DAVIS, KAITLYN OLSON, ADRIENNE SULMA, PAUL KRAUSE, LINDSEY DOMAGALA, University of Wisconsin Stout; MICHAEL P.W. DONNELLY, Sulcus Scientific Consulting; DESIREE BUDD, University of Wisconsin Stout; buddd@uwstout.edu

Participants played the Interrogator Game during which they sometimes lied and sometimes told the truth while we measured EEG. They made both lies of affirmation and lies of denial. Preliminary data show that lying results in an enhanced N200, especially when the individual is not practiced in telling the lie.

14 Football and Head Impact: To Play or Not to Play

MICHAEL M. P. DONNELLY, Sulcus Scientific Consulting; DESIREE BUDD, DANIEL COMSTOCK, TAYLOR ADAMS, TIM PASTIKA, KYLE SLAWSON, MATT MCNUTT, NATHAN OLINGER, University of Wisconsin Stout; buddd@uwstout.edu

Male undergraduates who played sports (football concussed, football non-concussed, non-football) during high school performed a three-tone auditory oddball task, in which they had to discriminate between different tones while their neural activity was measured using EEG. Data indicate that non-concussive repetitive impacts negatively affect attention and working memory.

15 Facial Fatigue Slows Emotional Language Comprehension: Central or Peripheral Mechanism?

THOMAS HAASL, DAVID HAVAS, University of Wisconsin Whitewater; havasd@uww.edu

Does peripheral feedback from emotional facial expressions facilitate simulation of emotional language in the reader? We recently found that fatigue of facial expressions slows comprehension of emotionally congruent sentences. Here, we examine facial EMG during fatigue and find no evidence that central (versus peripheral) mechanisms are responsible.

16 Early Maternal Separation and Timing of Puberty in Wistar Rats KELSEY KOWENSTROT, CORRINA LYSTER, JULIE KRZYKOWSKI, ALDIS SILTUMENS, KARIN J. BODENSTEINER, University of Wisconsin Stevens Point; kbodenst@uwsp.edu To investigate a possible critical period in which maternal separation alters hypothalamic-pituitary-gonadal axis development, rats were separated from their mothers 3 hr daily from PND 1-7 or 8-14. Maternal separation did not alter time to puberty or reproductive parameters, but did increase variation in timing of puberty in males.

17 Administration of Oxytocin (OT) to Induce Parturition Produces Enduring Effects on Anxiety, Attention, Exploration, Memory, and Motivation in Long-Evans Rats

MATTHEW A. JEFFERSON, Western Illinois University; BRYCIE COURTER, Monmouth College; SARAH ADAMS, ASHLEY SIMMONS, SETH YOCKEY, Western Illinois University; MARSHA DOPHEIDE, Monmouth College; RUSSELL E. MORGAN, Western Illinois University; gw-garceau@wiu.edu

Correlational studies (Kurth & Haussmann, 2011) indicate OT used to induce childbirth may be a factor in neurodevelopmental deficits (e.g., ADHD). To test this hypothesis, rats exposed to labor-inductive OT were tested in a battery of behavioral/cognitive tasks. Results indicated enduring effects on anxiety, attention, exploration, memory, and motivation.

18 Does the Administration of Oxytocin (OT) to Induce Parturition Produce Autism Spectrum Disorder (ASD)-like Deficits in Long-Evans Rats?

GARRETT GARCEAU, MATTHEW A. JEFFERSON, ASHLEY SIMMONS, SANDRA L. MCFADDEN, Western Illinois University; MARSHA DOPHEIDE, Monmouth College; RUSSELL E. MORGAN, Western Illinois University; gw-garceau@wiu.edu
This study investigated purported associations between oxytocin-induced

This study investigated purported associations between oxytocin-induced parturition and autism spectrum disorder (ASD)-like behaviors using an animal model. Oxytocin-exposed offspring were tested in the Morris water maze, prepulse inhibition, and social conditioned taste aversion tasks. Results indicated that exposure to oxytocin during labor did not produce ASD-like deficits.

19 Dopamine D1, D5 Receptors Mediate Precision of Memory for Context

ADAM ULMEN, DAN BURBULES, DAVID C. RICCIO, AARON JASNOW, Kent State University; aulmen@kent.edu

Dopamine receptors play a role in learning and memory. Here we show that these receptors are involved in not only maintaining the persistence of a fear memory over time, but also in maintaining precision for a contextually relevant memory over time.

20 Revisiting Gallup and Beckstead (1988): How Have Animal Research Attitudes Changed?

MITCHELL METZGER, Ashland University; mmetzger@ashland.edu A questionnaire measuring attitudes toward animal research was administered to university students. While the data reflect a declining level of support for these activities compared to earlier samples, participant's attitudes reflect a lack of value of animal research as opposed to a greater concern for pain and suffering in animals.

21 Positron Emission Tomography in Monozygotic Twins and Their Biological Mother

ELIZABETH M. ZIMMERMAN, Kerns and Associates, Barrington, IL; ALLISON O'MARA, HEATHER TAHLER, NIDHI TRIVEDI, The Chicago School of Professional Psychology; PHILLIP S. EPSTEIN, Advanced Neurodiagnostics; LUKASZ M. KONOPKA, Loyola University Chicago; emzimmerman@gmail.com

Using positron emission tomography (PET) this study sought to explore heritable overlaps in metabolic patterns of monozygotic twins and their biological mother, each who presented with a unique combination of complex psychiatric symptoms. Authors discuss utility of neuroimaging to help differentiate clinical presentation and underlying neurophysiological features of psychological disorders.

22 An Exploration of Precedence and Recency Effects on the Basis of Interaural Differences of Time

JACQUELYN P. HILL, THOMAS J. SERENA, RAYMOND H. DYE, JR., Loyola University Chicago; rdye@luc.edu

Lateralization performance based on interaural differences of time was compared for trials on which the information was carried by the first vs. second clicks (randomly determined) as a function of the interval between the two. Precedence was found at intervals shorter than 10 ms; recency was observed at longer intervals.

23 Serotonin 1B Agonist-induced Autistic-like Social Interaction Deficits in Mice

ANDREW C. GRAY, CODY A. KING, MICHAEL J. LACAGNIN, MICHAEL J. ADAMS, NANCY S. WOEHRLE, Wittenberg University; woehrlen@wittenberg.edu

Acute administration of the serotonin 1B agonist RU24969 reduced social interaction and preference for social novelty, increased perseverative locomotion, and decreased rearing events in mice. Our results implicate the serotonin 1B receptor in the social interaction deficits, perseveration, and nonselective attention deficits in autism.

24 Does Belief in Corporal Punishment Modulate Language-Related ERPs?

MICHAEL F. WAGNER, REGINA HIRAOKA, ROB REICHLE, MANDY RABENHORST, Northern Illinois University; mwagner1032@gmail.com

Few studies have examined electrophysiological correlates of parenting-related schemata. Beliefs in corporal punishment were associated with N400s differentially depending on the congruence between their beliefs in corporal punishment and the outcome of parenting behavioral vignettes.

25 The Influence of State and Trait Mood Variables on Emotion Regulation

NATALIE D PINKNEY, KATHERINE REITER, NAKIA S GORDON, Marquette University; natalie.pinkney@marquette.edu We examined interpretation bias in an angry mood state to examine the efficacy of reappraisal, in the context of state and trait mood variables. Emotion dysregulation predicted negative affect. Indices of psychopathology predict greater negativity bias in an interpretation bias paradigm.

26 Increased Mid Anterior Cingulate Local Gyrification in Psychopaths

JESSICA L. HANSON, TARA A. MISKOVICH, JOSEPH P. NEWMAN, ARIELLE R. BASKIN-SOMMERS, MICHAEL R. KOENIGS, DANIEL M. STOUT, KENT A. KIEHL, CHRISTINE L. LARSON, University of Wisconsin Milwaukee; lindsle6@uwm.edu

Psychopathy can be characterized by poor behavioral control, lack of empathy or remorse, and anti-social behavior. After assessing the cortical complexity of psychopaths using local gyrification indexing, we found hypergyrification in the mid-anterior cingulate cortex. This area has previously been associated with cortical thinning in psychopaths.

27 Head Direction Signal Degradation is Associated with Path Integration Impairments

ELIZABETH A. GOEBEL, SARAH N. BROCKMAN, JENNY R. KOPPEN, BARBARA OHATA, DOUGLAS G. WALLACE, RYAN M. YODER, Indiana University-Purdue University Fort Wayne; yoderrm@ipfw.edu

Otoconia-deficient tilted mice have degraded head direction signals and impaired spatial learning in visual environments. The present study demonstrates that tilted mice are also impaired on a food-hoarding task in darkness, suggesting that head direction signal degradation is associated with impaired navigational performance in both visual and non-visual environments.

28 Previous Training Improves Egocentric Navigation Performance in Otoconia-Deficient Mice

RYAN E. HARVEY, RYAN M. YODER, Indiana University-Purdue University Fort Wayne; yoderrm@ipfw.edu

Accurate navigation typically depends on strategies that involve the detection of gravity. However, previous training on a visual task improved performance on a non-visual navigation task in otoconia-deficient mice. This result suggests that prior experience with an alternative strategy can ameliorate the navigation deficits associated with otolith dysfunction.

29 Stable Place Cell Activity in Otoconia-deficient Tilted Mice

RYAN M. YODER, STEPHANIE A. RUTAN, Indiana University-Purdue University Fort Wayne; JENNIFER J. SIEGEL, University of Texas; yoderrm@ipfw.edu

Spatial learning appears to involve the place cell and head direction cell signals. Otolithic information supports the head direction signal, but no studies have directly tested the otolithic contribution to the place cell signal. The present study demonstrates that place cells can remain stable in animals with dysfunctional otolith organs.

30 The Role of Acetylcholine Transmission in a Skill-Based Procedural Learning Task in Rats

MATTHEW BLANKENSHIP, STEPHANIE JACOBS, ROBERT DUNN, MARIAH MAIMAN, Western Illinois University;

mr-blankenship@wiu.edu

Research in procedural learning has helped outline the neuronal and neurochemical systems that subserve this form of learning, and delineates memory and attentive deficits that characterize Alzheimer's disease, ADHD and schizophrenia. The present findings suggest that ACh inhibition prevents the interference associated with implicit procedural learning associated with these deficits.

31 Methylphenidate-induced Effects of Neonatal Isolation on Anxiety in Juvenile Rats

NICOLE FEEHAN, ISABELA LARA, STEPHANIE FOUNTAIN-ZARAGOZA; Denison University; feehan_n1@denison.edu
The present study aims to explore the cross-sensitizing effects of early life stress and methylphenidate on the HPA axis. Four litters were randomly assigned to neonatal isolation or handling. Later individuals were assigned to acute saline or MPH treatment. The findings suggest an anxiolytic effect of MPH through juvenile development.

32 Age and Memory using a Rat Model

NICK MASSA, GINA RICKERT, KYLAH RYMOND, KAREN H. HUNTSMAN, LEAH FULTON, PAULA MILLIN, Kenyon College, JOHN STEELE, Amicus Therapeutics, VICTOR BUSTOS, Rockefeller University; massan@kenyon.edu

This study examined the effect of age on hippocampal-dependent learning and on anxiety. Male rats aged 12, 15, and 18 months were tested on Morris water maze (MWM) and novelty suppressed feeding (NSF) tasks. Results indicated poorer performance in older rats on MWM but no differences on NSF.

33 Culturally-Modified ADHD Treatment for Latino Families
THERESA L. KAPKE, GABRIELA STABLEIN, ALYSON C. GERDES,
Marquette University; theresa.lauer@marquette.edu
Limited evidence exists for effective clinical interventions for ADHD
among Latino families. The goal of the current pilot study was to examine
the effectiveness of a culturally-modified, evidence-based ADHD treatment
(CMT) for Latino families by examining reliable change in
symptomatology and functional impairment, as well as parental and family
functioning.



Psi Chi Distinguished Address

MEN ARE FROM EARTH, WOMEN ARE FROM EARTH: THE GENDER SIMILARITIES HYPOTHESIS

JANET HYDE, University of Wisconsin jshyde@wisc.edu

The media as well as many psychological scientists portray women and men as vastly different psychologically – as different as if they were from different planets. A review of dozens of meta-analyses of psychological gender differences, however, supports the Gender Similarities Hypothesis, which states that women and men are more similar than different on most psychological variables.

Friday, 1:00-2:00PM Address Grand/State
Friday, 2:00-2:50PM Discussion Hour Grand/State
Moderator: REGAN A. R. GURUNG, University of Wisconsin Green Bay

All attendees are invited to remain for a discussion hour with Dr. Hyde immediately following her address in the same room.

STRESS, TRAUMA, & COPING

Friday, 1:00-2:50PM Salon 1 Moderator: CYNTHIA WILLIS ESQUEDA, University of Nebraska

Lincoln

1:00 Does Academic Orientation Mediate the Relationship between Abuse Severity and Academic Performance?

ASHLEY ROSE MCCONAUGHEY, DEAN LAUTERBACH, Eastern Michigan University; amcconau@emich.edu

Conditional process analysis was used to assess if academic orientation mediates the relationship between abuse severity and academic performance among maltreated children. Academic performance was assessed using educator ratings' from the TRF. In addition, sex and cognitive functioning were examined as potential moderators between academic orientation and academic performance.

1:15 Posttraumatic Growth through Immediate Family Suicide Loss in South Korea

EUNJIN LEE, University of Wisconsin Madison; SUNGWON KIM, Harvard University; ROBERT ENRIGHT, University of Wisconsin Madison; elee73@wisc.edu

The purpose of this qualitative study was to explore the positive growth arising from losing an immediate family member. Frequently suggested changes included: 1) "Now I know what the most important thing in life is" 2) "Warm and intimate relationship matters" 3) "Beyond human understanding" 4) "Wounded healer".

1:30 The Role of Trait Mindfulness in Post-Traumatic Stress and Non-Suicidal Self-injury in a Community Sample

KATIE THOMAS, JOHN-PAUL LEGERSKI, University of North Dakota; katie.miller.2@my.und.edu

The current study examined the direct and indirect relationships between non-suicidal self-injury (NSSI), trait mindfulness, trauma exposure, and post-traumatic stress symptoms (PTSS) using a moderated-mediational model. Results indicated that mindfulness and trauma significantly predicted PTSS, and PTSS and trauma significantly predicted NSSI. Mindfulness was only indirectly predictive of NSSI.

1:45 Contrasting Mechanisms of Change in Recovering from Interpersonal Violence Events

JULIA S. KAUFMAN, MARGARET O'DOUGHERTY WRIGHT, SUSAN F. FOLGER, MARGARET R. BULLERJAHN, JACQUELINE L. GREEN, Miami University; kaufmajs@miamioh.edu

The impact of acceptance, cognitive reappraisal, self-efficacy, and savoring were examined in predicting adjustment in 163 college students who experienced interpersonal violence. Results revealed the benefit of acceptance, reappraisal, and self-efficacy, and the mediating role of savoring on outcome. Understanding processes leading to better outcome may facilitate more effective interventions.

2:00 Helping Others as a Response to Stressful Life Events

CHRISTINA CAIOZZO, ED DE ST. AUBIN, JOHN GRYCH, Marquette University; VICTORIA BANYARD, University of New Hampshire; SHERRY HAMBY, University of the South;

christina.caiozzo@marquette.edu

This study proposes that one way people respond to adversity is by engaging in altruistic or generative behavior to benefit others. The current study uses grounded-theory analysis to evaluate individual narratives in order to explore how and why participants respond to traumatic life events by helping others.

2:15 The Relationship Among Avoidant Coping After Trauma

MELANIE D. HETZEL-RIGGIN, Pennsylvania State University Erie, CHRISTINA MEADS, ABC Counseling Services; mdh33@psu.edu The present study examines how peritraumatic dissociation, alexithymia, and purposeful avoidance interact to predict PTSD after trauma. We identified a model in which peritraumatic dissociation mediated the relationship between trauma exposure and peritraumatic distress, while alexithymia and avoidance mediated the relationship between distress and PTSD.

2:30 The Attrition of Attrition Data in PTSD Treatment Efficacy Literature

DAVID PHILLIPS, ELLEN KOCH, Eastern Michigan University; dphill23@emich.edu

Analysis of dropouts is crucial in evaluating treatment efficacy. Standards for reporting attrition in RCTs have been specified; yet research examining predictors of attrition is inconclusive and profoundly inconsistent. The presentation of this systematic review suggests that current reporting practices of RCT's do not support post-hoc analysis of attrition.

BEHAVIORAL NEUROSCIENCE

Friday, 1:00-2:50PM Salon 5/8

Moderator: J. SCOTT JORDAN, Illinois State University

1:00 Invited Talk

History of Binge Drinking is Associated with Impaired Performance on a Manipulatory Scale Dead Reckoning Task

DOUGLAS G. WALLACE, Northern Illinois University; dwallace@niu.edu

The rodent food-hoarding paradigm has demonstrated that self-movement cue processing depends on the hippocampal formation. Work has supported a relationship between sporadic consumption of large quantities of alcohol (binge drinking) and impaired hippocampal function. This study examines the effects of a history of binge drinking on human performance during an analog of the food-hoarding paradigm.

1:30 Give Me a Little More Time: Alcohol and Cognitive Control KIRA BAILEY, BRUCE D. BARTHOLOW, J. SCOTT SAULTS, University of Missouri Columbia; SARAH A. LUST, University of

University of Missouri Columbia; SARAH A. LUST, University of Connecticut; baileyki@missouri.edu

We examined the effects of alcohol following successful and unsuccessful control attempts. Alcohol reduced the ERN. Conflict monitoring and performance adjustment were attenuated by alcohol following errors, but had recovered by two trials after an error. Alcohol's effects on control may be best characterized as delayed recovery following control failures.

1:45 Acoustic Startle Response of Individuals with Comorbid Depression and Anxiety

SARAH L. ADAMS, SANDRA L. MCFADDEN, ELIZABETH KIEBEL, NAOYUKI SUNAMI, DESIRE BARKER, KAYLA BELCHER, SZE JIN OOI, BROOKE RANDAZZO, Western Illinois University;

sladams 22@hotmail.com

Research suggests that persons with anxiety or depression show different acoustic startle responses compared to healthy controls. Results from this study indicate that comorbid individuals have lower startle responses, greater habituation, and less dishabituation than controls. Future studies will examine responses in persons high on only depression or only anxiety.

2:00 A Comparison of Nonhuman Primate Short-term Memory for Auditory, Visual, and Audiovisual Stimuli

JAMES BIGELOW, IVA ZDILAR, KEARA TURKINGTON, AMY POREMBA, University of Iowa; james-bigelow@uiowa.edu

A monkey was trained to perform a short-term memory task in which memoranda for each trial were either auditory, visual, or audiovisual. Accuracy and response latency measures indicate relatively poor performance on auditory-only trials, and no significant "bimodal advantage" on audiovisual trials over visual-only trials.

2:15 Hippocampal Cholinergic Deafferentation Causes Retrograde Amnesia in the String-pulling Task⁴

JENNY KOPPEN, SARAH STUEBING, ASHLEY BLACKWELL, MEGAN SIEG, DOUG WALLACE, Northern Illinois University; jenny_koppen@yahoo.com

Dementia of the Alzheimer's Type is marked by hippocampal degeneration and significant memory impairments. The current study used a novel string-pulling task to investigate mnemonic impairments associated with infusion of 192-IgG-Saporin into the rat medial septum. The loss of hippocampal cholinergic function was associated with retrograde but not anterograde amnesia.

2:30 Tugging at Time: Different Length Strings are Sufficient to Elicit Odor Discrimination

ASHLEY BLACKWELL, DOUGLAS WALLACE, Northern Illinois University; aablackwell90@gmail.com

Rat string pulling behavior has been used to investigate cognitive processes. The current study evaluated whether rats could use odors to discriminate different length strings. Rats trained with a predictive discrimination exhibited a preference for the shorter string, suggesting the task may have applications to investigate interval timing processes.

GROUPS & GROUP PERFORMANCE

Friday, 1:00-2:50PM Salon 12

Moderator: JANICE R. KELLY, Purdue University

1:00 Modeling the Dark Triad's Effect on Team Cohesion and Performance

FREDRICK EICHLER, KEVIN ANDERSON, EROS DESOUZA, Illinois State University; faeichl@ilstu.edu

With the growing popularity of teams throughout organizations, research examining the effects of narcissism, Machiavellianism, and psychopathy on group dynamics is warranted. Among 36 teams, we modeled a mediating role for group cohesion between Machiavellianism and psychopathy traits

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⁴ Graduate student paper award winner.

and team performance. We discuss implications of team composition on performance.

1:15 Mutual Deviance: Liking Individuals with Similar Unfavorable Opinions within Groups

FREDRICK EICHLER, JOHN HOGUE, DEVIN GILL, ERIC WESSELMANN, Illinois State University; KIPLING D. WILLIAMS, Purdue University; JOHN B. PRYOR, Illinois State University; faeichl@ilstu.edu

We conducted a replication of Schacter's (1951) deviate-rejection study. We tested the classic rejection findings and also found novel results. Participants liked the deviate more if their attitudes were closer to his position; their attitude similarity toward the modal group member did not predict liking toward this member.

1:30 Focal Social Actors and Status in Small Group Tacit Coordination CHRISTOPHER R. CHARTIER, Ashland University; SUSANNE ABELE, Miami University; cchartie@ashland.edu

We investigated the impact of both focal social actors (FSA) and social status on group performance in coordination games. We found that while groups used both types of social information as cues to tacitly coordinate their decisions, the FSA effect was much stronger than the status effect.

1:45 When Does a Group's Diversity Influence Expectations for Creative Performance?

ERIC E. JONES, Calvin College; HEATHER JAFFE, Southern Illinois University Carbondale; eej3@calvin.edu

In this research, participants provided performance expectations for groups that varied in the ethnic diversity of their members. Participants had higher expectations for more diverse groups when the task benefited from ethnically-diverse input. However, this finding was qualified by participant race. This research has implications for group performance.

2:00 Transactive Memory Processes in Friends

NICOLE E. IANNONE, MEGAN K. MCCARTY, JANICE R. KELLY, Purdue University; niannone@purdue.edu

Transactive memory has been studied in groups and romantic relationships, but not in friendships. 340 participants responded to questionnaires about themselves and their best friend. Results suggest that characteristics of friendships are associated with strength and system type, while stronger systems may be associated with higher quality friendships.

2:15 Performance on a Group Version of the Framed-Line Test

CHRISTINE H. JAZWINSKI, St. Cloud State University; GOWRI BETRABET GULWADI, University of Northern Iowa; MAGDELENA UNGER, BETHANY JONES, ABDUL-MALIK KASSIM, St. Cloud State University; chjazwinski@stcloudstate.edu

We developed a group version of the Framed-Line Test (FLT) and found greater accuracy on the relative (holistic perception) task compared to the absolute (analytical perception) task in two experiments with North American participants. Group test administration (vs. the more common individual test administration) may enhance contextual awareness.

2:30 Social Identity on the Defense: Differences in Reactions to Group Threat as a Function of Mode of Identification

EDWARD R. HIRT, NICKY LEWIS, Indiana University; JOSHUA J. CLARKSON, University of Cincinnati; LILE JIA, University of Singapore; joshua.clarkson@uc.edu

Two experiments examined sports fans' reactions to group threat. Applying Roccas et al.'s (2008) multidimensional model of group identification, results indicated that superiority predicted fans' defensive reactions whereas commitment and deference predicted expressions of loyalty. These findings suggest different dimensions of identification predict different reactions toward ingroup threat.

MEMORY AND EMOTION

Friday, 1:15-2:50PM Salon 6/7

Moderator: ANA KEHRBERG, Muskingum College

1:15 Psychopaths' Memories Are Less Memorable and Emotional Than Normal Individuals

ASHLEY BURROW, A. NICOLE CURRENCE, DIANA LEMUS, AMBER E. DEBONO, W. RICHARD WALKER, Winston-Salem State University; MATTHEW CRAWFORD, Victoria University of Wellington; walkerr@wssu.edu

Participants (*N*=166) completed a psychopathy scale, recalled 10 autobiographical memories and rated the events' importance, memorability, and emotional content. Higher psychopathy predicted poorer reported memory and emotional reactions overall, but more thinking about negative events (although considered less important). These findings suggest autobiographical memories may be recalled differently by psychopaths.

1:30 Emotional Infant Vocalizations and Listener Sex Modulate Auditory Motion Perception

JOHN G. NEUHOFF, Wooster College; jneuhoff@wooster.edu Women estimated distant looming tones as closer when they occurred simultaneously with an emotional infant cry than when presented with a laugh. For near tones neither sex showed differential effects. Results confirm that listener sex and the valence of infant vocalizations interact to modulate the perception of looming auditory motion.

1:45 Adults Respond Differently as a Function of Infant Facial Affect CHINMAY ARADHYE, JENNIFER VONK, Oakland University; caradhye@oakland.edu

Participants viewed images and videos of infants expressing three different affective states; crying, neutral and smiling, and rated their own distress and the infants' cuteness. Participants also completed measures of empathy, perspective-taking, and gender identity. Smiling infants were perceived as cuter and more adoptable, whereas crying babies evoked distress.

2:00 The Fading Affect Bias is a Pan-Cultural Phenomenon W. RICHARD WALKER, Winston-Salem State University; walkerr@wssu.edu

Participants (*N*=562) from 6 countries and 10 ethnic backgrounds recalled 4 to 10 autobiographical memories and rated the events' initial and current emotional content. The results showed that negative affected faded more than positive affect for all 10 samples, suggesting the Fading Affect Bias is a pan-cultural phenomenon.

2:15 The Influence of Anger on Interpretation Bias

KATHERINE REITER, NAKIA S. GORDON, Marquette University; katherine.reiter@marquette.edu

We examined the influence of cognitive reappraisal on interpretation bias and negative affect in Angry and Neutral mood states. Results showed that Angry participants displayed an increasing negativity bias that was not influenced by cognitive reappraisal. Despite this, subjective feelings of negativity were reduced when cognitive reappraisal was implemented.

2:30 Memory Recall Effectiveness: An Application to Employment Interviews

ALLEN I HUFFCUTT, Bradley University; SATORIS S CULBERTSON, Kansas State University; ALLEN P GOEBL, University of Minnesota; DAWN C ROBERTS, Bradley University; huffcutt@fsmail.bradley.edu Memory retrieval is often impaired under conditions of stress, which should apply to employment interviews. In a study of 81 retail employees, behaviorally-based interview ratings correlated much lower with job performance (.19) than ratings on the same questions when participants were allowed to answer them with less stress (.49).

POSTER SESSION SOCIAL & DEVELOPMENTAL PSYCHOLOGY HEALTH PSYCHOLOGY

Friday, 1:15-2:50PM Exhibit Hall

Moderator: JAY JACKSON, Indiana University-Purdue University Fort

Wayne

1 The Effects of Being Ignored on Avoidance, Self-Esteem, and Forgiveness

EMILY BANITT, TYLER FUNKE, MAKENNA KLEIN, University of Northern Iowa; banitte@uni.edu

Participants were either included or excluded from a group task involving confederates. Participants in the exclusion group indicated they would avoid the confederates more so than participants in the inclusion group. Approaching traditional levels of significance, participants who were excluded were also less forgiving. Outcomes have implications for workplace settings.

2 Do Socially and Romantically Rejected Individuals Differ in Terms of Their Social Acuity?

FIONNUALA A. BUTLER, Carthage College; fbutler@carthage.edu Social cues are not discriminated differentially by individuals that have had affiliation (social rejection) or mate acquisition needs (romantic rejection) thwarted. Rejected participants displayed greater social acuity overall. The lack of interaction between relationship and rejection suggests that enhanced discrimination of social cues is not only rendered by belongingness threats.

3 Racism Forewarnings Diminish Mood-needs Damages when Whites Ostracize African Americans

DOMINIQUE HUBBARD, LAUREN ALLEN, JOANNA SMITH, Howard University; CANDICE WALLACE, Hampton University; LLOYD REN SLOAN, Howard University; Isloan@howard.edu

Participants (African-American) were forewarned (or not) about co-players' racism, then ostracized (or included) by Black or White co-players. Racism forewarnings produced less moods-needs damage from White (not Black) ostracizers, suggesting differing construals based on ostracizer race. Certainty of outgroup prejudice may reduce personal failure concerns following ostracism, mitigating moods damage.

4 Religious Awareness, but not Moral Awareness, Increases Rejection of Others

AMANDA ELBASSIOUNY, LLOYD REN SLOAN, Howard University; DEBBIE VAN CAMP, Trinity Washington University;

amandae19@gmail.com

Christian participants' moral versus religious identity was primed before evaluating a Christian or Muslim applicant. Moral (versus religious) identity priming produced more positive and less negative evaluations of both ingroup and outgroup targets. This suggests moral, but not religious, identity arousal increases acceptance of others.

5 Investigating Differences Due to the Timing of Social Exclusion JASON R. THEMANSON, JENNIFER A. SCHREIBER, AMANDA D. LARSEN, KAITLIN R. DUNN, Illinois Wesleyan University; jthemans@iwu.edu

The present study examined the impact of the timing of social exclusion on exclusion-related measures. Results indicated that exclusion-related consequences are present even if the interaction does not end with exclusion. However, prolonged exclusion at the beginning or end of an interaction is associated with affective and anxiety-related effects.

6 Influences of Different Degrees of Social Exclusion on Neural Activity JASON R. THEMANSON, AMANDA D. LARSEN, JENNIFER A. SCHREIBER, KAITLIN R. DUNN, Illinois Wesleyan University; jthemans@iwu.edu

This research examined the influence of different exclusionary social interactions on exclusion-related neural and behavioral measures. Results showed that neural activity may be more sensitive to variations in exclusion compared to behavioral measures as longer durations of exclusion were differentiated from shorter exclusions based upon patterns of neural activity.

7 Relationships between Peer Rejection, Negative Peer Experiences, Self-Worth, and Cortisol

ELLYN BASS, JONATHAN SANTO, University of Nebraska at Omaha; RYAN ADAMS, Cincinnati Children's Hospital; WILLIAM BUKOWSKI, Concordia University; ecbass@unomaha.edu

This study assessed the moderating influence of peer rejection on the relationship between negative peer experiences and both cortisol and self-worth. In response to negative peer experiences, adolescents higher in peer acceptance exhibited greater increases in cortisol, while adolescents with higher peer rejection experienced a greater reduction in self-worth.

8 European/White American Students' Perceptions of Instructors Teaching about White Privilege

LINH NGUYEN LITTLEFORD, KAO LEE YANG, VICTOR JUNIOR FIGUEREO, TAYLOR DANIELLE BACK, Ball State University; lnlittleford@bsu.edu

Students' perceptions of professors and students' beliefs in meritocracy depended on the professors' ethnicity and on the students' level of racial privileges. Students who learned that they were highly privileged viewed the professors less favorably than those who were moderately privileged or who did not reflect on their own privileges.

9 Measuring the Stressfulness of Racial Microaggressions SUSAN TORRES-HARDING, TASHA TURNER, Roosevelt University; storresharding@roosevelt.edu

Racial microaggressions are everyday subtle, race-related verbal insults, slights, or mistreatment. The current study examined the reliability and validity of distress scales of the Racial Microaggressions Scale in an ethnically diverse sample of African-American, Latino, Multiracial, and Asian-American college students.

10 Confidence in Equality Moderates Relationship between Implicit/Explicit Prejudice Measures

ANN LEWIS, KEVIN BLANKENSHIP, Iowa State University; lewisa@iastate.edu

We examined the moderating role of confidence in a value on the relationship between implicit and explicit measures of a related attitude. Controlling for internal motivation to control prejudice, individuals with high confidence in and low favorability towards equality demonstrated increased correspondence between implicit and explicit measures of prejudice.

11 Colorblindness versus Suppression: Stereotypes on and not on the Rebound

KATHLEEN C. BURNS, BRIANNA BARTOSZEWSKI, KAYLA ENGELHARDT, TIFFANY GROSHEK, KAELEE HEIDEMAN, University of Wisconsin Green Bay; burnsk@uwgb.edu Two studies compared colorblindness versus stereotype suppression instructions using the day in the life paradigm. Stereotype suppression participants showed rebound in stereotype activation whereas colorblindness participants did not. Suppression participants also self-reported more difficulty and less control while writing their story. Future research is necessary to examine the underlying processes.

12 Family Matters: An Inheritance of Colorism ADINA C. COOPER, MIDGE WILSON, DePaul University; mwilson@depaul.edu

Fifty African American women were surveyed on colorism, including how others' prejudices affect skin color acceptance. We found that hurtful comments made by family members correlated with a woman once wishing her own color was different but that such comments were not related to present day satisfaction with skin color.

13 The Effect of Respondent Race on Color-Blind Ideology Endorsement

ALLISON MUELLER, COURTNEY BONAM, University of Illinois at Chicago; amuelle4@uic.edu

This study investigated whether the relationship between perceived racial equality and color-blind ideology differs for Whites versus Blacks. Respondent race did not moderate the effect of perceived racial equality on color-blind ideology endorsement. However, respondent race predicted greater perceived racial equality, which in turn predicted greater colorblindness.

14 Cross-Party and Cross-Race Facial Recognition

PADEN GOLDSMITH, JUSTIN SIMMONS, KRISTIN BROUSSARD, BROCK ROZICH, TSAMCHOE DOLMA, HELEN C. HARTON,

University of Northern Iowa; goldsmip@uni.edu

European American participants saw faces of varied ethnicity and sex, and were tested on recognition and recall of faces following a distractor task. Participants remembered European American faces more accurately than out-group faces, replicating the cross-race effect. Self-identified conservatives recalled African American faces more often than liberals.

15 Political Orientation and Prejudice toward Ethnic Men and Women BROCK C. ROZICH, KRISTIN BROUSSARD, PADEN GOLDSMITH, JUSTIN SIMMONS, TSAMCHOE DOLMA, HELEN H.HARTON,

University of Northern Iowa; rozichb@uni.edu

Participants read an ambiguous employee incident report for a male vs. female employee of European American, African American, Asian American, or Latino/s descent. Political conservatives reacted less punitively toward the female vs. male employee, regardless of ethnicity, which may be due to higher levels of modern sexism.

16 Atheists Experience Harsher Attributions than their Non-religious Counterparts

BROCK C. ROZICH, M. KIMBERLY MACLIN, University of Northern Iowa; rozichb@uni.edu

Our research question centers on whether the use of the terms 'atheist' or 'someone with no religious beliefs' would impact attributions of guilt/punishment, and moral values in assessing a student engaged in

classroom cheating behaviors. Our results indicate that people are judged more harshly when they are labeled an atheist.

17 Cross-Cultural Examination of Gender Norms and Sexism NAOYUKI SUNAMI, ZACHARY ROTH, RYAN KOPATICH, HANNAH BRADSHAW, ZEINAB HOSSEINI, KRISTINE KELLY,

Western Illinois University; n-sunami@wiu.edu

This study was an online survey assessing the prevalence of sexism and conformity to gender norms. Results indicated significant differences in measures of hostile and benevolent sexism and gender norms across diverse cultures. These results will be discussed in terms of attitudes as a function of cultural contexts.

18 Study Two: Dispositional vs. Physiological Attributions of Drinking Women's Sexuality

JACOB M. STOLMEIER, DAVID J. LANE, EMILY E. ADAMS, Western Illinois University; jstolme@gmail.com

Alcohol expectancies, gender, and intoxication are thought to exacerbate the perception of drinking women's sexual intent, but are inconsistent predictors. In this follow-up study, participants were randomly assigned to view photographs of female and male targets and judge sexual interest. Results suggest the alcohol-sexuality relationship is strongly rooted in stereotypes.

19 The Relation between Gender Stereotypes about Mental Health and Stigma

GUY A. BOYSEN, ASHLEY EBERSOLE, ROBERT CASNER, NYKHALA COSTON, McKendree University; gaboysen@mckendree.edu Research indicates that gender stereotypes overlap with other stereotypes. For example, people may perceive mental disorders as masculine or feminine. This research explored relations between gender stereotypes of mental disorders and stigma toward the disorders. Results indicated that disorders perceived as masculine were more stigmatized than disorders perceived as feminine.

20 Climate Predicts Decreased Belonging and Increased Discounting Among STEM Females

DANA M PENSONEAU, BREANNA R. WEXLER, THOMAS N. DUBIS, AMBER M. MCCURRY, BETTINA J. CASAD, University of Missouri St. Louis: breanna.wexler@umsl.edu

Women continue to be underrepresented in the fields of science, technology, engineering, and math (STEM). Negative campus and social climates were shown to predict math and science discounting among female

STEM majors, and this relationship was mediated by a decreased sense of belonging experienced by females in STEM.

21 Stereotype Performance Effects on Tests of Creativity in Gay and Bisexual Males

PAGE W. WALKER, Cleveland State University; page.w.walker@gmail.com

Adult male participants were given the synthetic ability subtest of the Sternberg Triarchic Abilities Test to determine if gay and bisexual males would perform better when the task was framed as a creativity test. Hypothesized stereotype performance effects were not seen, and straight participants scored significantly higher than gay participants.

22 Cultural Grounding of Perceptions of Male Homosexuality

SABIHA GOKCE GUNGOR MUNOZ, University of Wisconsin Eau Claire; MONICA BIERNAT, University of Kansas; sgokcegun@gmail.com Sixty eight participants at KU were primed with Christian and genetic world-views and rated gay men on stereotypes, emotions and controllability. Genetic priming relative to Christian led to higher perceptions of warmth and reduced perceived controllability of homosexuality which in turn predicted reduced anger demonstrating the situated nature of attitudes.

23 Sexual Prejudice after Exposure to Married Couples of Differing Orientations

LUCAS N. FRANCIS, JEREMY D. HEIDER, Southeast Missouri State University; jheider@semo.edu

Participants read about heterosexual, lesbian, or gay married couples who did or did not experience stigmatization. Attitudes toward gay men were affected by both orientation and stigmatization. Attitudes were less favorable after exposure to a homosexual couple; women had more favorable attitudes than men when the couple experienced stigma.

24 Sexual Orientation Minorities' Stereotypes about Heterosexual, Bisexual, and Gay/Lesbian Men and Women

MARTA L. RUSTEN, TAYLOR J. VOSSEN, ANGELA G. PIRLOTT, University of Wisconsin Eau Claire; pirlotag@uwec.edu
Sexual orientation minorities provided reasons for liking and disliking different sexual orientation groups. Although non-heterosexuals endorsed similar stereotypes as heterosexual perceivers, their stereotypes also fluctuated specific to perceiver group interactions. This research furthers understanding of sexual orientation prejudices by demonstrating the functional significance of stereotypes as related to intergroup interactions.

25 Extraversion, Motivation to Respond Without Prejudice, and Homonegativity: A Moderation Model

ZACHARY C. ROTH, BREANNE R. HELMERS, JULIE C. HERBSTRITH, Western Illinois University; zc-roth@wiu.edu
This study evaluated the influence of the big-five personality traits on the relationship between the motivation to respond without prejudice and homonegativity. Participants completed the BFI, Adapted Motivation to Respond Without Prejudice Scale, and Homonegativity Scale. Low extraversion predicted more prejudice when motivation to respond without prejudice was low.

26 Accepting an Overweight Peer: Role of Personality, Contact, and Attributions

JAY JACKSON, AUDREY JAMES, Indiana University-Purdue University Fort Wayne; jacksonj@ipfw.edu

We examined how personality and past contact experiences influenced participants' reactions to an overweight versus a normal weight peer whose weight was attributed to forces outside their control or to lifestyle choices. As predicted, participants high on agreeableness showed greater acceptance regardless of attributions, and contact experiences mediated this relationship.

27 Threat or Reassurance: Disability Pride as Perceived by the Nondisabled

THOMAS P. DIRTH, NYLA R. BRANSCOMBE, University of Kansas; thomas.dirth@gmail.com

Is having pride in one's disability a threat or a solace to a non-disabled observer? In this study we sought to examine non-disabled individuals' attitudes and responses toward a disabled target individual who either identifies positively or negatively with a disability identity.

28 Attributions toward Returning OEF/OIF Veterans with a Disability SARAH ELLEFSON, PATRICK CORRIGAN, Illinois Institute of Technology; sellefso@hawk.iit.edu

Bernard Weiner's theory of attribution was utilized to investigate whether (1) type of disability, (2) disability context, (3) level of familiarity, or (4) political ideology influences whether returning OIF /OEF veterans are blamed for their disabilities. Results showed a significant relationship to disability context and stigmatizing attributions of blame.

29 Self-Determination Based Prejudice ReductionGINA WHEELER, RACHEL A. CHRISTIANS, RANDALL A. GORDON, University of Minnesota Duluth; rgordon1@d.umn.edu

Exposure to a self-determination based (autonomy) brochure that promoted diversity reduced prejudice toward African-Americans and overweight individuals. Exposure to a non-self-determination based (controlling) brochure did not significantly impact prejudicial responses. The consistency of such effects across time and the effect of psychological reactance as a potential moderator variable are discussed.

30 The Role of Oppositional Identity in Prejudice

RACHEL C. DOVEIKIS, RICHARD D. HARVEY, Saint Louis University; rcostel5@slu.edu

Researchers examined the existence of oppositional identities among Whites and examined the function that such oppositional identities played in the expression of prejudice. Results provide antecedents and consequences of an oppositional identity. In addition, participant's degree of oppositional identification served as a mediator for two relationships.

31 Left-Wing Beliefs, Anti-Semitism, and Other Liberal Prejudices STEPHANIE LOCHBIHLER, Indiana University; DANIEL MILLER, KENNETH BORDENS, Indiana University-Purdue University Fort Wayne; millerda@ipfw.edu

Four studies examined the psychometric properties of a new measure called the Left-wing Beliefs Scale (LWB). This scale measures the extent to which people reject traditional ways, are cynical of authority, and endorse new progressive ways. This research also demonstrates the complex relationship between LWB and various forms of prejudice.

32 Values, Stereotypes, and Mental Exhaustion

LAUREN JAMES, VERENA GRAUPMANN, DePaul University; lmjames55@gmail.com

We examined if priming of values can reduce explicit stereotyping. Participants were asked to list stereotypes about various ethnic groups after being primed with a value or reliance on intuition. Generalization of stereotypes was overall associated with less mental exhaustion, pointing at the cognitive load associated with the stereotype regulation.

33 Effect of a Psychology Major on Reactions to Diverse Material CRYSTAL N. STELTENPOHL, DePaul University; MEERA KOMARRAJU, MEGAN M. MORRISON, Southern Illinois University Carbondale; cstelten@depaul.edu

Culturally-inclusive education can nurture a respect for diversity, but it is important to understand how students react to diversity-related material. This study examined the effects of framing on participant interest and recall, as well as levels of modern racism, ethnocultural empathy, and colorblindness.

34 Perceived Political Orientation of Psychologists Affects Laypeople's Responsibility Attribution

YING TANG, LEONARD S. NEWMAN, Syracuse University; ytang02@syr.edu

When laypeople read a situational (compared to dispositional or interactionist) account of wrongdoing, they perceived psychologists to be most exonerating towards the wrongdoer. This effect was moderated by the perceived political orientation of psychologists: The more liberal psychologists were perceived, the more exonerating they were suspected to be.

35 Affective, Cognitive, and Metacognitive Bases for Political Orientation

WADE L. KIDNER, KEVIN L. BLANKENSHIP, Iowa State University; wkidner@iastate.edu

We examined the affective and cognitive bases for political orientation (liberal-conservative), in conjunction with participant metacognitions about the affective and cognitive bases of their political orientation. Participants' metacognitions predicted their political orientation over and above measures of the affective and cognitive bases of their political orientations.

36 The Impact of Racial Advertisement Tailoring on Attitudes and Behavior Intentions

RENEE CLARKE, JAMIE BARDEN, Howard University; rpclarke02@yahoo.com

This research explored the relationship between racial advertisement tailoring, argument quality, attitudes, and behavior intentions utilizing the Elaboration Likelihood Model (Petty & Wegener, 1999). One-hundred-seventy Black university students were randomly assigned to two 2 X 2 between-participants experiments. Argument quality interacted race matching, indicating elaboration of personally relevant information.

37 Effects of Message Modality on Health-Related Attitudinal and Behavioral Changes

ROBERT J. SYNOVEC, MILES L. PATTERSON, THERESE H. MACAN, JOHN P. MERIAC, University of Missouri St. Louis; robertsynovec@mail.umsl.edu

Participants' reactions to a persuasive health message, presented in audiovisual or audio-only modality, were measured continuously using specialized dial equipment. Results suggest that a 40 second message was sufficient to affect attitude change that, in turn, predicted subsequent behavior across a 2-week interval. Effects were stronger for an audio-visual message.

38 Ambivalent Knowledge and Attitude-Behavior Consistency

LAURA E. WALLACE, VANESSA SAWICKI, Ohio State University; LEANDRE FABRIGAR, Queen's University; DUANE WEGENER, Ohio State University; wallacel0726@gmail.com

Previous research has suggested that increasing knowledge increases the ability of attitudes to predict behavior. Data gathered from a nationwide phone survey suggest that increasing knowledge may not increase attitude-behavior consistency when the additional knowledge is relatively ambivalent rather than univalent.

39 Generalization Effects of Evaluative Conditioning on Food Attitudes ELISE T BUI, RUSSELL H FAZIO, Ohio State University;

bui.67@osu.edu

Evaluative conditioning (EC) aimed at increasing positivity towards high-health/low-taste foods and decreasing positivity towards low-health/high-taste foods showed evidence of generalization. Participants weighted taste to a lesser degree when reporting their intentions to eat a variety of foods that were not previously conditioned, thus, liking low-health/high-taste foods relatively less.

40 Perceived Collective Continuity Enhances Outgroup Judgment ANA HERNANDEZ, RUTH WARNER, KRISTIN KIDDOO, St. Louis University; ahernandez@slu.edu

Perceived collective continuity (PCC; the consistency of existence) is an important construct that can aid in understanding social identity and group processes (Sani et al.,2007). This study found that greater PCC resulted in more positive outgroup judgments for perceived friendly groups, but more negative outgroup judgments for perceived enemy groups.

41 Self-esteem Instability and Resistance to Peer Influence BRIAN ENJAIAN, VIRGIL ZEIGLER-HILL, Oakland University; bmenjaia@oakland.edu

We investigated the association that self-esteem level and self-esteem instability had with resistance to peer influence. Results showed that men with stable high self-esteem were the most likely to resist peer influence, whereas those with stable low self-esteem were the most likely to succumb to peer pressure

42 Interaction Positivity Mediates the Savoring to Intergroup Friendship Willingness Relation

JACQUELYN P. HILL, PATRICK R. HARRISON, JENNIFER AYALA, RAUL VEGA, FRED B. BRYANT, ROBYN K. MALLETT, Loyola University Chicago; pharrison1@luc.edu

Although encouraging individuals to savor positive intergroup interactions does not alter intergroup friendship willingness, those who savor more often also tend to report higher levels of intergroup friendship willingness. Our research has identified one factor (i.e. positivity of the interaction they savor) that explains how this process operates.

43 Anticipated Interaction Moderates Own Group Biases in Face Memory

JOHN PAUL WILSON, University of Toronto; PIRITA SEE, Miami University; johnpaulw@gmail.com

Two studies provide both correlational and experimental evidence that beliefs about the amount and importance of future interactions with outgroup members influences the Own Group Bias in face memory, such that people expecting equally frequent interactions with ingroup and outgroup members (vs. more frequent interactions) show a reduced OGB.

44 Having an Interdependent Self-Construal May Impair Recognition Memory

BONNIE BIRD, MICHAEL F. WAGNER, JOHN J. SKOWRONSKI, Northern Illinois University; mwagner1032@gmail.com
Previous research (e.g., Lalwani & Shavitt, 2009; Wagner et al., in prep) found evidence that interdependent self-construals impair memory task performance. However, such effects were not hypothesized, or such effects were not the main focus of the study. The present study found support when testing this hypothesis explicitly.

45 Schematic Processing in Minimal Groups 1 & 2

MICHELLE EVANS, MICHELLE BEDDOW, JEFF DIMAMBRO, JODI PUCHALSKI, OLIVIA DEYONKER, KEEGAN WALSH, ROBERT HYMES, University of Michigan Dearborn; mmevans@umich.edu The present two studies use the MGP paradigm to look directly at the expectations generated by the categorization process immediately upon activation of the category schema. Results suggest that expectations activated by categorization can then lead to other known outcomes for social categories: ingroup favorability, and black sheep effect.

46 Story Recall by Groups as a Function of Amount and Type of Shared Information

AMANDA DANIEL, KATHARINA KLUWE, Loyola University Chicago; RACHAEL MARTINEZ, Hines VA Hospital; MARY TALBOT, Loyola University Chicago; AMANDA DYKEMA-ENGBLADE, Northeastern Illinois University; R. SCOTT TINDALE, Loyola University Chicago; rtindal@luc.edu

Groups reproduced a story when information was distributed across members. Information was distributed to all, some, or only one of the group members and the information was divided by either acts or characters. Greater amounts of shared information and distribution by acts improved story reproduction.

47 Parenting and Temperament Interactions Predict Prosocial Traits and Moral Reasoning

MICHELLE P. BEECHLER, Adrian College; mbeechler@adrian.edu This study tested interactions between perceived parenting and adult temperament on prosocial traits (empathy, perspective-taking, personal distress, helpfulness) and mature moral reasoning. Significant parenting x temperament interactions were found for each outcome, suggesting that the effectiveness and use of different parenting strategies on prosocial behavior is dependent upon child individuality.

48 Why Forgive? Immediate and Delayed Effects of Different Forgiveness Motives

SYDNEY FLEMING, ANNE L. ZELL, Augustana College; anne.zell@augie.edu

Participants recalled interpersonal offenses, were randomly assigned to consider different reasons for forgiving, then reported forgiveness immediately afterward and a week later. Compared to control participants, those who prayed for, thought about caring for, or pondered their religious obligation to forgive the offender reported increased forgiveness one week later.

49 The Effect of Construal Level on Behavioral Mimicry

NICOLE DUSTHIMER, ASIA AMEIGH, NICOLE SMITH, KORI KRUEGER, CARRIE HALL, Miami University; Dusthine@miamioh.edu This study examined the relationship between construal level and mimicry. Participants took part in a high or low construal activity and subsequent levels of mimicry were measured. There was a significant effect of construal level on mimicry, such that participants with a lower construal level exhibited more mimicry.

50 Justice Sensitivity predicts Enhanced N2 Encoding of Moral Valence KEITH J YODER, JEAN DECETY, University of Chicago;

kjyoder@uchicago.edu

Humans possess neural systems that support moral judgments. However, little is known about how dispositional justice sensitivity modulates encoding of moral information. 40 healthy adults classified scenes as morally good or bad during high-density EEG. Justice sensitivity

significantly predicted enhanced N2 response in the bad-good difference wave, suggesting increased salience.

51 Intent as a Necessary and Sufficient Precursor to Moral Judgment RUSSELL L. STEIGER, OR'SHAUNDRA BENSON, ALI OMAIR, CATHERINE VAN DAMME, ANTHONY WASHBURN, GEOFFREY WETHERELL, CHRISTINE REYNA, DePaul University; rsteiger@depaul.edu

Our study investigated how different combinations of intent (good, bad, none) and outcome (good, bad) affected moral judgments towards both individuals and behaviors. We found that intent alone was the primary driver of moral judgment. Neither outcome nor intent-by-outcome interactions were significant predictors of moral judgment.

52 Terror Management Theory across the Globe: Mortality Salience and Cultural-Norms

SETH D. YOCKEY, EMILY E. ADAMS, CALIN R. HARBKE, Western Illinois University; sd-yockey@wiu.edu

Terror Management Theory (TMT) as an explanation for attitudinal variation across cultures was examined. Using archival data from 18 highly-diverse countries, a consistent pattern of strong correlations (rho = .65 to .84) between TMT-related attitudes and indicators of mortality salience was observed. It was found TMT predicts cultural attitudes.

53 Career Goals, Preferences, and Support for Students in Psychology BELVA MILES, Roosevelt University; bmiles@mail.roosevelt.edu Lent, Brown, and Hackett's (1994) Social Cognitive Career Theory (SCCT) was used in an effort to examine prediction of the pursuit of doctoral level study in psychology in a sample of African American and Caucasian American psychology students.

54 The Association between Somatic Practice and Wisdom PATRICK B WILLIAMS, CARLY KONTRA, HEATHER HARDEN, BERTHOLD HOECKNER, HOWARD NUSBAUM, University of Chicago; pbwilliams@uchicago.edu

This study investigated whether somatic practices can affect mental processes outside the practice itself and contribute to wisdom. Results suggest that meditation has an effect on anxiety and may affect wisdom through anxiety regulation and that ballet may lead to increased wisdom for those who are low in anxiety.

55 Age Differences in Social Judgments Hinge on Emotion Recognition Ability

HALLEY L. COOPER-SHUMWAY, JENNIFER TEHAN STANLEY,

University of Akron; hlc18@zips.uakron.edu

Deciphering interpersonal interactions is an important skill needed for successful social relationships. This study finds that younger adults outperform older adults on the Interpersonal Perception Task and poor emotion recognition mediates this relationship.

56 The Impact of Mood on the Conjunction Fallacy

CARA E. RAY, JEFFREY R. HUNTSINGER, Loyola University Chicago; cray@luc.edu

Past research seemed to indicate that positive feelings directly produce heuristic processing and negative feelings systematic processing. New research indicates that this connection might be quite flexible, with affective feelings merely dictating whether people act on momentarily dominant processing styles. These findings have important implications for decision making.

57 Put Your Money on the Line: Does Betting Assess Overconfidence? SUSAN T. DAVIS, KRISTEN KEMP, JAMIE FLANNERY, University of Dayton; sdavis1@udayton.edu

To assess overconfidence in a general knowledge task, confidence ratings were contrasted with bets of virtual money ("putting money on the line"). Receiving feedback following betting behavior produced more accurate assessment of performance consistent with a higher need for achievement than when confidence was merely rated.

58 Evaluative Conditioning and Drawing Inferences: The Role of Contingency Awareness

CHRISTOPHER REDKER, IRMA COLLINS, Ferris State University; redkerc@ferris.edu

This research approaches associative learning as a potent process that can include various inferences drawn from co-occurring stimuli. Conventional EC procedures are used to activate inferences. With high contingency awareness, both deliberative and spontaneous inferences are present. They prove largely unrelated with independent effects on brand attitudes, suggesting separate systems.

59 Adult Attachment and Emotional Word Usage: Anxiety Attachment is Associated with More Frequent Use of Negative Emotion Words ROWYDA KAZAN, YASMEEN EL-MASRY, CALEB J. SIEFERT,

University of Michigan Dearborn; rkazan@umich.edu

The present study examined the relationship between attachment and emotional word usage in a story-creation task. As predicted, attachment anxiety was significantly related to the use of more negative emotion words.

Results are consistent with previous findings linking attachment anxiety and negative emotions.

60 Can Repeatedly Receiving a Refund Make Future Interactions Less Risky?

DENNIS L. POEPSEL, Truman State University; COURTNEY J. HARRIS, CAITLIN BAKER, SAVANNAH CLAY, University of Arkansas; dlpoep@gmail.com

What role does length of exposure to a refund-like protection have on intergroup cooperation once the protections are removed? Results show significant decreases in cooperation once refunds are absent, with groups using past trials as a guide for possible future success rather than seeing future loss as less damaging.

61 Stress in Families with Preschoolers Diagnosed with Developmental Disabilities: The Impact of Child Temperament and Parental Coping SUSAN I GROSS, MAIA M NOEDER, RACHAEL D COOPER, LAURA E HLAVATY, KRISTIN HANDE, ELIZABETH J SHORT, Case Western Reserve University; keh65@case.edu

Differences in infant temperament, preschool temperament, coping, and family stress were examined as a function of diagnostic group (ADHD, ASD, SLI, typical). Significant group differences for temperament, coping, and impact were revealed. Correlational analyses revealed that infant temperament influenced family coping and stress to a moderate degree.

62 Parents' Readiness to Change Before and After Autism Parent Training

STEPHANIE WILSON-LOUPEE, CHRISTOPH LEONHARD, The Chicago School of Professional Psychology; VALERIA NANCLARES-NOGUES, Advocate Illinois Masonic Medical Center; slw2963@ego.thechicagoschool.edu

Readiness to change was examined in a sample of parents participating in a brief Parent Training intervention for Autism Spectrum Disorders (ASDs). Findings suggest parents' are unaware or underaware of the need to change their own behavior to best support the optimal learning and development of their child.

63 Change in Body Image as a Predictor of Social Acceptance LAURIE GRAD, MARIA STEVENS, Minnesota State University, Mankato; laurie.grad@mnsu.edu

A change in body image in girls participating in a program to foster physical and emotional well-being predicted a change in social acceptance such that as the girls became more comfortable with their bodies they perceived that their peers liked them more.

64 Parent-Child Affection, Discord, and Externalizing Behaviors: Attachment Insecurity as Mediator

EMMA L. MATHISON, KALLI P. GLOUDEMANS, LANG LEE LEE, CHONG MAN CHOW, University of Wisconsin Oshkosh; DUANE BUHRMESTER, University of Texas at Dallas; chowc@uwosh.edu This study showed that adolescent parent-child discord and attachment insecurity were related to increased externalizing behaviors. Parental affection was related to decreased externalizing behaviors. Furthermore, attachment insecurity acted as a mediator only for the relationship between parental affection and externalizing behaviors, but not between parent-child discord and externalizing behaviors.

65 Electronic versus Traditional School Bullying and Adolescent Help Seeking Behaviors

JENNIFER K. ANDERSEN, CLARK KOPELMAN, STEPHEN E. RYAN, WILLIAM KNABE, STEWART EHLY, University of Iowa; stewart-ehly@uiowa.edu

This study analyzed data from the 2011 Youth Risk Behavior Survey to examine the associations specific to electronic bullying and traditional bullying and help-seeking behaviors. Results add to the literature on help-seeking behaviors of victims of both types of bullying, as well as provide insight for prevention and intervention.

66 Role of Body Size and Self-Perception in Bully Victimization STEPHEN E. RYAN, ANNA D. ING, JENNIFER K. ANDERSEN, WILLIAM E. KNABE, STEWART W. EHLY, University of Iowa; stephen-ryan@uiowa.edu

Studies have indicated that children who are overweight and have low selfesteem are at higher risk of being a victim of bullying. Our results suggest that adolescent females are more likely to report being dissatisfied with their weight, have higher levels of depression, and to have been victims of bullying.

67 Attribution Styles and Waking Salivary Cortisol Levels in Adolescents

ELLYN BASS, JONATHAN SANTO, University of Nebraska at Omaha; RYAN ADAMS, Cincinnati Children's Hospital; WILLIAM BUKOWSKI, Concordia University; ecbass@unomaha.edu

This study examined the relationship between attribution styles and cortisol. Adolescents who attributed social outcomes to their own effort exhibited lower waking cortisol levels. This suggests that belief in personal agency and an internal locus of control, indicated by attribution to an individual's own effort, may reduce daily physiological stress.

68 Emotion Reappraisal Moderates the Stress-Anxiety Association in College Students

EVAN ZAHNISER, ALEXANDRA C. KIRSCH, COLLEEN S. CONLEY, Loyola University Chicago; ezahniser@luc.edu

The transition to college is a time of stress that may lead to developing anxiety and other mental health issues. This study demonstrates that emotion reappraisal is an adaptive strategy that may serve as a protective factor moderating the longitudinal association between stress and anxiety for college students.

69 Trajectories of Community and Adult Identity Development in College

JENNA B. SHAPIRO, ALEXANDRA C. KIRSCH, COLLEEN S. CONLEY, Loyola University Chicago; jbaldachin@luc.edu Emerging adulthood is a developmental period characterized by changes in identity. This study identifies different trajectories of community and adult identity development across three years of college. We hypothesize that different trajectories of identity development can explain differences in student distress and well-being late in college.

70 Positive Touch and Warmth in Adolescent Positive and Negative Affect

RACHEL B CHANDLEY, AARON M. LUEBBE, Miami University; DEBORA BELL, University of Missouri; burgarrl@miamioh.edu Self-report measures and observation of mother-adolescent dyads suggest positive touch significantly predicts adolescent reported positive affect above and beyond general warmth. Positive touch may be a distinct aspect of parental behaviors that impacts adolescent emotional well-being.

71 First-Generation College Student Development: An Exploratory C.Q.R. Study

DAKOTA J KAISER, Iowa State University; WILLIAM CAPERTON, KEVIN A TATE, Marquette University; dkaiser@iastate.ed To better understand the career development of first-generation college students, focus group data was analyzed using an adapted form of Consensual Qualitative Research. Three major domains were established in the data; influences, understanding of career path, and self-concept. The data demonstrate both the challenges and strengths in this population.

72 All My Friends are Doing It: Homophily in Stereotypical Sexualized Behavior Perpetration in Adolescent Social Networks

JENNIFER A JEWELL, CHRISTIA SPEARS BROWN, BREA L. PERRY, University of Kentucky; jennifer.jewell@uky.edu

Social networks analysis revealed homophily in adolescents' Overall, Physical/Verbal, Digital, and Homophobic stereotypical sexualized behavior. In addition, regression analyses revealed that the most important predictors of adolescents' stereotypical sexualized behavior were the gender composition of their peer network, their social connectedness, and their sexualized gender stereotypes.

73 The Role of Father-Child Relationships in the Development of Low-Income Adolescents and Emerging Adults

PATRICK HENRY, AMY GOVERNALE, LISA WOLFF, KAYLA MAX, THOMAS CAMPBELL, CHRISTINE LI-GRINING, Loyola University Chicago; agovernale@luc.edu

This study utilized data from the Three-City Study to examine the role of father-child relationships in the development of low-income, ethnic minority adolescents and emerging adults. Analyses revealed that positive father-child relationships were beneficial to socioemotional development, such lower rates of problem behaviors among adolescents and emerging adults.

74 Predicting Emerging Adults' Compliance and Defiance: Parenting Style and Entitlement

LYSSA BAILEY, KEITH T. JONES, Central College; joneskt@central.edu The relationships between parenting style, emerging adults' sense of entitlement, their compliance and defiance when punished by authorities were examined. Predictors of compliance differed based on gender. Generally, entitlement and maternal authoritativeness were significant predictors of defiance. Separately, women's and men's defiance differed based on parenting and punishment reasonableness.

75 Relation between Academic Camp Involvement and Self-Concept in Gifted Adolescents

ANTHONY J. ROBERSON, Truman State University; ajr4433@truman.edu

This study examined the relation between self-concept growth and academic summer camp involvement in gifted adolescents. Participants (N=339) rated their self-concepts in two academic and four nonacademic areas at the beginning and the end of their camp session. The hypothesis that students experience significant positive gains in self-concept was supported.

76 The Relationship Between Extracurricular Activity Involvement and Coping among Urban African American Youth

ASHLEY DOUBET, KHUSHBU DALAL, ALLIE SHIMER, EDNA ROMERO, MARYSE RICHARDS, Loyola University Chicago;

eromeroy@gmail.com

This study examined the relationship between involvement in academic and extracurricular activities and coping among a sample of urban low-income African American adolescents. Participation in school activities and indicated increases in avoidant coping, whereas participation in physical activities indicated increases in problem-focused coping.

77 Predicting Multidimensional Health: Examining the Role of Hope and Vitality

TINA YU, EMMA KAHLE, EDWARD CHANG, ELIZABETH YU, VIVIANA HERNANDEZ, University of Michigan; JAMESON K. HIRSCH, East Tennessee State University; tinayu@umich.edu This study examined whether trait hope and trait vitality predicted multidimensional health in a sample of adults. Results showed that trait hope and vitality were significantly related with multiple dimensions of health, and trait vitality showed as a significant additive predictor for health beyond the significant predictive utility of hope.

78 Effects of Processing Style and Message Format on Health Beliefs GARRETT HISLER, AMANDA DILLARD, Grand Valley State

University; hislerg@mail.gvsu.edu

The current study compared a narrative message to a standard factual message in communicating skin cancer risks. Along with varying the message format, we varied the information processing style participants used to read the message. Results showed that a narrative message processed with an experiential style was most effective.

79 A Review of Alcohol Screening Forms and their Effectiveness for Individuals with Multiple Illnesses

CHRISTINA MILES KRAUSE, Aurora University; MARIA E. J. KUHN, Benefit Performance Associates; ckrause@aurora.edu

The purpose of this project was to evaluate popular alcohol screening forms, and a single-question screening form recommended by the National Institute on Alcohol Abuse and Alcoholism (2005). The results indicate that these instruments are not appropriate for the individuals who have multiple conditions and take multiple medications.

80 Understanding Factors that Contribute to HIV/STI Knowledge Gain DRAYCEN D. DECATOR, PAMELA NEHRKE, JOCELYN SMITH CARTER, DePaul University; ddecator@depaul.edu

An education program on HIV and STIs was found to have mixed results in a population of Chicago students. Analyses were conducted to help determine predictors of whether or not students benefitted. Gender, selfesteem, and communication with parents were non-significant. Follow-up analyses were conducted.

81 Does Weight Predict Health Behavior?

TSAMCHOE DOLMA, PENG ZHANG, HELEN C. HARTON, NICHOLAS SCHWAB, BROOKE AMMERMAN, University of Northern Iowa; dolmataa@uni.edu

Health behaviors of normal/underweight and overweight/obese college students were compared. Normal weight individuals did not always practice healthier behaviors (i.e., diet, exercise, sedentary behaviors, alcohol consumption), and effects were moderated by gender.

82 Predictors of Social Integration among Individuals with Brain Injury

SEAN I. RAFAJKO, AMANDA EASTON, CHRISTOPHER HAAK, ELIZABETH BATCHOS, LINDSAY SHEEHAN, SAMANTHA CYMERMAN, NICOLE DITCHMAN, Illinois Institute of Technology; srafajko@hawk.iit.edu

This poster presentation describes findings from a study investigating predictors of social integration among adults with brain injury using the International Classification of Functioning, Disability, and Health (ICF) as a framework. Findings suggest that demographic, functioning, community, and personal factors uniquely impact social integration outcomes for individuals with brain injury.

83 Construct Validity of the Emotional Regulation Related to Testing Scale

RONALD FELDT, REBECCA LOUISON, NIKOLA UTINKOVA, JEREMY CLINE, MCKENNA SEXTON, Mount Mercy University; rfeldt@mtmercy.edu

The study investigated the factor structure of each subscale of the Emotional Regulation Related to Testing (ERT) Scale. Emotion-Focusing Processes and Cognitive-Appraising Processes had adequate fit. A third had excellent fit when limited to Importance Reappraisal. The Scale has utility for understanding efforts to regulate test anxiety.

84 Stress, Social Support, and the Actor-Partner Interdependence Model

ASHLEY K. BILLIG, CIERA LEWIS, ANGELA WENDORF, ; AMANDA BROUWER, RACHAEL WANDREY, KATHERINE BECKER, MARAL SAFAVI, KATIE MOSACK, University of Wisconsin Milwaukee; akbillig@uwm.edu

This study examined the relationship between perceived stress and perceived social support within HIV-positive dyads. Multilevel modeling

was used with the Actor-Partner Interdependence Model as a framework, and we found separate effects that combined to account for a significant amount of variance in perceived social support.

85 Development and Preliminary Validation of the Benefits of Sports Scale-Parent

BROOKE MESSIER, W. HOBART DAVIES, University of Wisconsin Milwaukee; hobart@uwm.edu

Research has identified a variety of benefits for youth who participate in organized sports. We developed the 30-item Benefits of Sports Scale-Parent (BOSS-P) to assess parents' perceived benefits of youth sports. The BOSS-P shows solid reliability and is meaningfully associated with approach to parenting and with general child behavior.

86 Decrease of Executive Dysfunction in Type 2 Diabetes by the Management of High Blood Pressure and BMI

MOISE-DENIS JEAN, OLUSOLA AJILORE, University of Illinois at Chicago; mjean3@uic.edu

It is known that Type 2 diabetes impairs executive function. After one is diagnosed with the disease, can managing any clinical variable(s) improve their cognition? Improving both blood pressure and BMI is found to develop executive function among those diagnosed with Type 2 diabetes.

87 Pain as a Predictor of Social Support in Children and Adolescents with Spina Bifida

SOPHIE A. MIR, JACLYN M. LENNON, DEVI JAYAN, GRAYSON HOLMBECK, Loyola University Chicago; sophiemir12@gmail.com The current study examined the relationship between pain intensity and social support in youth with spina bifida. Results revealed a significant cross-sectional main effect for pain predicting non-related adult support, and a significant Pain X Gender interaction effect for peer support. Conclusions and future directions will be discussed.

88 Characteristics and Sequelae for Adolescents Whose Pain is Dismissed

KATHLEEN A. BAUER, W.H. DAVIES, University of Wisconsin Milwaukee: bauerk@uwm.edu

Pain dismissal has been described as the experience of having a significant person deny, disbelieve, or minimize one's experience of pain. This study examines the possible link between the dismissal of one's chronic pain during adolescence and whether or not a specific personality type is predominant.

THE DARK TRIAD

Friday, 1:30-2:50PM Crystal

Moderator: ROBERT M. ARKIN, Ohio State University

1:30 Do Individuals with Darker Personality Features Want to be Famous? The Dark Triad of Personality and the Desire for Fame ASHTON C SOUTHARD, University of Southern Mississippi; AMY NOSER, VIRGIL ZEIGLER-HILL, Oakland University; southard@oakland.edu

The aim of the present study was to examine relationships between individual differences in darker personality features including narcissism, psychopathy, and Machiavellianism and fame interest. Results indicated that facets of psychopathy and narcissism positively predicted aspects of the desire for fame.

1:45 Using the Bogus Pipeline to Investigate Narcissists' Feelings of Self-Esteem

AMY B. BRUNELL, TERRI D. FISHER, Ohio State University Mansfield; brunell.2@osu.edu

This study used an anonymous, a bogus pipeline (fake lie detector), and an exposure threat condition (participants believed somebody else might review their responses) to examine the association between narcissism and self-esteem. Results found that narcissism and self-esteem were positively correlated regardless of study condition, contradicting the psychodynamic mask model.

2:00 Adult-Onset Antisocial Behavior beyond Emerging Adulthood ANDREA D. MATA, LINDSAY FINNEGAN, The University of Findlay; MANFRED H.M. VAN DULMEN, Kent State University; mata@findlay.edu

This study explored adult-onset antisocial behavior beyond emerging adulthood. Zero-inflated Poisson latent class growth analyses were conducted for aggressive and nonaggressive behavior. Trajectories showed decreases in antisocial behavior. Results suggest that adult-onset offenders slightly decrease their antisocial behavior during adulthood, but maintain their secondary rank behind chronic offenders throughout adulthood.

2:15 Positive Outcomes of Resilience Training in Female Offenders JOAN R. POULSEN, JOANN MITCHELL, Indiana University-Purdue University Columbus; jpoulsen@iupuc.edu

To test the effectiveness of a new resilience and character strength training program, an intervention was given to a high-risk population: female offenders. A five week program was developed to enhance resilience,

harnessing of character strengths, and forgiveness. Results indicate the intervention was associated with lowered stress, anxiety, and depression.

2:30 The Connections between Theory of Mind and Personality CHRISTOPHER J. HOLDEN, AMY NOSER, VIRGIL ZEIGLER-HILL,

Oakland University; cjholden@oakland.edu

We examined the role that theory of mind plays in the relationship between basic personality dimensions and dark personality features. Theory of mind was found to moderate a number of the associations that exist between basic personality dimensions (e.g., extraversion) and dark personality features (e.g., callousness).

SELF AND MEANING

Friday, 1:30-2:50PM Salon 10

Moderator: KIMBERLY RIOS, Ohio University

1:30 How Would They Feel? Affective Forecasting for the Self and Others

STANISLAV TREGER, RALPH ERBER, DePaul University; stan.treger@gmail.com

We examined affective forecasting for the self, a close partner, and "most people." Affective forecasts for the self and close partner did not differ. Participants believed that "most people" would react more negatively than the self and close partner. Closeness moderated the forecasting difference between the self and close partner.

1:45 A Correlational and Experimental Study of Mindfulness, Envy, and Subjective Well-Being

D. RYAN SCHURTZ, Stevenson University; JENNIFER BATES, University of Maryland; dschurtz@stevenson.edu

One possible method of reducing unwanted envy is to practice mindfulness. Researchers conducted two studies, investigating the relationship between mindfulness and envy. Mindfulness was shown to correlate negatively with envy and positively with subjective well-being. The researchers' attempt at a mindfulness intervention to decrease participants' envy yielded no significant results.

2:00 Psychological Sense of Community and Brain Injury NICOLE DITCHMAN, AMANDA EASTON, CHRISTOPHER HAAK, ELISABETH BATCHOS, SEAN RAFAJKO, Illinois Institute of Technology: nditchma@iit.edu

This presentation will provide an overview of Psychological Sense of Community (PSOC) theory and present findings from two empirical studies examining PSOC among adults with brain injury. Implications for research and practice will be discussed, and strategies for incorporating PSOC into clinical outcome assessment will be introduced.

2:15 Existence is Elsewhere: Mortality Salience and the Perception of Surrealistic Art

VERENA GRAUPMANN, DePaul University; SARITA SILVEIRA, University of Munich; vgraupma@depaul.edu
Naturalistic paintings were evaluated similarly in terms of personal reassurance in both mortality salience and control condition, whereas surrealistic paintings were evaluated higher in the mortality salience condition. The increased self-reference for surrealistic art under mortality salience was substantiated in an fMRI study.

2:30 Dirty Deeds Beget Cleansing Needs: Motivated Perception of Distance to Cleansing Products

SHANE PITTS, LAUREN V. C. ERICKSON, ELIZABETH R. WALLACE, HALLIE R. JORDAN, JOSEPH F. CHANDLER, Birmingham-Southern College; spitts@bsc.edu
In two studies, desire for moral purity potentiated motivated biased perceptions of the physical environment. Participants thought about past unethical/ethical transgressions and judged their distance to cleansing/non-cleansing agents. Thoughts about unethical deeds rendered perceptions of hand-sanitizer as closer to oneself than ethical thoughts, with no differences estimated to non-cleansing products.



MPA AWARDS AND RECOGNITIONS

Minority Student Travel Awards

2014 MPA Fellows

JEANETTE ALTARRIBA, University at Albany XIMENA ARRIAGA, Purdue University LESLIE ASHBURN-NARDO, Indiana University-Purdue University Indianapolis MARY CAIN, Kansas State University MING LI, University of Nebraska Lincoln SARAH MURNEN, Kenyon College

Graduate Student Paper Awards

Please see page 11 for titles of their submissions.
ASHA GANESAN, University of Northern Iowa
SAYURI L. HAYAKAWA, University of Chicago
JENNY KOPPEN, Northern Illinois University
MAUREEN MCQUILLAN, Indiana University
REBECCA A. MORRISSEY, University of Notre Dame
JULIANA R. SCHROEDER, University of Chicago

Recognitions

RUSSELL FAZIO, Ohio State University
Past-President 2014
ALLEN R. MCCONNELL, Miami University
Council Member (2012-2014)
LESLIE ASHBURN-NARDO,
Indiana University-Purdue University Indianapolis
Program Moderator 2014

Friday, 3:00-3:15PM Grand/State

Moderators: MARGO MONTEITH, Purdue University, LESLIE

ASHBURN-NARDO, Indiana University-Purdue University Indianapolis



MPA Presidential Address

THE SELF-REGULATION OF PREJUDICE: WHEN WE SEE IT, WHEN WE DON'T

MARGO MONTEITH Purdue University

The self-regulation of prejudice appeared a promising antidote to prejudiced responses resulting particularly from largely non-conscious corners of the mind. An overview of this topic including recent findings from my lab underscores supporting evidence but also limitations, suggesting a more nuanced understanding of prejudice regulation or lack thereof.

Friday, 3:15-4:30PM Grand/State Moderator: RUSSELL FAZIO, Ohio State University

Induction of New MPA President

Please stay for the induction of John Pryor as the new MPA President.

Friday, Immediately Following Presidential Address Moderator: MARGO MONTEITH, Purdue University

Grand/State

MPA Business Meeting

All are welcome to attend the business meeting and hear reports from the secretary, treasurer, program moderator, convention manager, and others who serve MPA. Member feedback is welcome.

Friday, 4:30-4:50PM Grand/State

Moderator: ROBERT WEIS, Denison University

MPA Local Representatives Meetings

All local representatives of MPA are invited to attend this brief meeting and provide feedback regarding the conference. A list of local representatives is located in this program book. If your college/university does not have a local representative, consider attending the meeting and volunteering.

Friday, After Business Meeting Grand/State Moderator: ELAINE BLAKEMORE, Indiana- Purdue University Fort Wayne

SOCIAL HOUR Friday 5:00-7:00PM Honorae Ballroom

Please join colleagues, students, and new friends at the MPA social hour. All are welcome! The Empire Room is adjacent to the main lobby of the Palmer House.

SATURDAY, MAY 3, 2014

Registration in Exhibit Hall 8:00AM - 11:50AM

PREJUDICE

Saturday, 8:30-10:20AM Crystal

Moderator: SELENA KOHEL, Cottey College

8:30 The Nature of Prejudice toward People with Developmental Disabilities

LAURA RUTH M. PARKER, MARGO J. MONTEITH, Purdue University; parke122@purdue.edu

This study developed a measure of prejudice toward people with Autism and Down Syndrome, and examined dehumanization as an antecedent of prejudice and social policy beliefs. Dehumanization was associated with greater prejudice and decreased support for beneficial social policies. Prejudice mediated the link between dehumanization and social policy beliefs.

8:45 Effects of Participant Characteristics on Attitudes toward Tattooed Individuals

KRISTIN A. BROUSSARD, HELEN C. HARTON, University of Northern Iowa; broussak@uni.edu

Tattoos have become common, and studies suggest people view tattooed individuals negatively. Participants rated people with and without tattoos on personality characteristics. Participant gender and tattoo status affected ratings of tattooed stimuli. Tattooed individuals were rated more negatively than non-tattooed individuals, and men are rated more negatively than women.

9:00 Stigmatization of Hiv-positive Substance Users in the Dutch Health Care Sector

ARJAN E. R. BOS, SARAH E. STUTTERHEIM, Open University; GERJO KOK, Maastricht University; JOHN B. PRYOR, Illinois State University; arjan.bos@ou.nl

The present qualitative study examines stigmatization of substance users with HIV in the Dutch Health care sector. Interviews are conducted with HIV-positive substance users and HIV-negative health care professionals. Although health care professionals have good intentions to behave in a

nonjudgmental manner, stigmatization of HIV-positive substance users is prevalent.

9:15 Atheist Prejudice Related to Implicit and Explicit Disgust and Distrust

ANNA R.D. POPE, MITCHELL LORENZ, RUTH H. WARNER, Saint Louis University; arpope@slu.edu

Two studies expand upon Gervais' (Gervais, Sheriff, & Norenzayan, 2011) idea that prejudice towards atheists is distrust based. Results suggest that seeing atheists as disgusting and impure predicts prejudice. Thinking that being an atheist makes one feel unmonitored by God and less American predict implicit and explicit distrust and disgust.

9:30 Reactions to Sexual Orientation Hate Speech: The Effects of Gender

KELLY LEMAIRE, Marquette University; kelly.lemaire@mu.edu This study utilizes a 2x2x2 experimental design to examine responses to heterosexist hate speech using a video manipulation. Results indicate that gender of the witness, target, and perpetrator of sexual prejudice may influence the witness's perceived responses including confrontation, nonverbal behavior, distress level, and rating of the perpetrator.

9:45 Invited Talk

Understanding Group Differences in Perceptions of Prejudice and Discrimination

LAURIE O'BRIEN, Tulane University; lobrien2@tulane.edu
People from high status groups tend to perceive less societal prejudice and
discrimination as compared to people from low status groups. Using a
motivated construal framework, I will discuss my program of research
aimed at identifying the factors that explain these group differences in
perceptions of prejudice and discrimination.

MEMORY & COGNITIVE CONTROL

Saturday, 8:30-10:20AM Salon 1

Moderator: APRIL FUGETT-FULLER, Marshall University

8:30 Proactive Interference in Visuospatial Working Memory LINDSEY LILIENTHAL, JOEL MYERSON, SANDRA HALE, Washington University in St. Louis; lindsey.lilienthal@yahoo.com Proactive interference (PI) is an important factor in performance on verbal working memory tasks, but little is known about PI in the visuospatial domain. We report the results of an experiment showing that although PI

also affects visuospatial working memory, the ability to resist PI is not domain-general.

8:45 Predictors of Reasoning: Working Memory Capacity and Fuzzy Processing Preference

AUDREY M. WEIL, CHRISTOPHER R. WOLFE, Miami University; weilam@miamioh.edu

Working memory and fuzzy processing preference both predict reasoning performance, yet their distributions are different. Additionally, the relationship between working memory and reasoning is conflicted. By measuring individual differences in each and loading executive resources we found that working memory predicts fewer fallacies, and the two constructs measure different phenomena.

9:00 Understanding Different Kinds of Mental Fixation through Executive Functioning

REBECCA H. KOPPEL, JENNIFER WILEY, University of Illinois at Chicago; rkoppe2@uic.edu

Fixation can be induced by prior knowledge or exposure to misleading information. As part of a larger study examining whether these conditions are qualitatively different, WMC scores were found to negatively predict fixation from exposure. Additional work explores relations with fixation from domain knowledge, and other measures of executive functioning.

9:15 The Effect of Elaboration and Distinctiveness on Levels of Processing

JOHN F. GEIGER, Cameron University; SCOTT A. PETERSON, Southwest Minnesota State University; johng@cameron.edu Four experiments were run to test the effect of elaboration and distinctiveness on memory using the levels of processing framework. Elaboration did not help at the phonemic level, but phonemic distinctiveness did improve recall. Structural distinctiveness did not improve recall or recognition.

9:30 More Walking through Doorways Causes Forgetting KYLE PETTIJOHN, G.A. RADVANSKY, University of Notre Dame; kpettijo@nd.edu

Previous research has found that after an event shift, information for objects from the previous event is less available. The current experiments further explore this effect by adding a delay before probe response, having a passive participant respond to probes, and testing item recall rather than recognition.

9:45 Religious Coping Moderates the Fading Affect Bias Across Religious and Non-Religious Events

JEFFREY GIBBONS, Christopher Newport University; JENNIFER HARTZLER, Radford University; ANDREW HARTZLER, SHERMAN LEE, Christopher Newport University; W. RICHARD WALKER, Winston Salem State University; jgibbons@cnu.edu

Unpleasant emotions reliably fade more than pleasant emotions over time. We examined whether religious variables and event affect would combine to moderate fading affect across religious and non-religious events. Only positive religious coping for non-religious events combined with initial event affect to moderate fading affect across event type.

10:00 Self-Reported Memory Accuracy is predicted by Personality Constructs

ERIK ALAN WAGENHEIM, MICHAEL J. HOLLEY, JAMILAH ALHASHIDI, CHASE JOHNSON, ARLO CLARK-FOOS,

University of Michigan Dearborn

This submission has been withdrawn by the presenters.

SELF-REGULATION: INTRAPERSONAL PROCESSES

Saturday, 8:30-10:20AM Salon 6/7

Moderator: JAMES M. TYLER, Purdue University

8:30 Invited Talk

Habits of Highly Effective Self-Regulators:

Intra and Interpersonal Processes

MICHELLE VANDELLEN, University of Georgia, mvd@uga.edu Some people are generally more effective at reaching their goals than others. Research in my lab has indicated processes that might underlie this successful goal pursuit. In this talk, I will provide evidence that effective self-regulators prioritize (a) difficult over easy tasks and (b) helpful over unhelpful social environments.

9:00 Self-regulatory Depletion Reduces Accuracy in Monitoring for Vocal Cues

KATHERINE E. ADAMS, JAMES M. TYLER, Purdue University; adams213@purdue.edu

The current study examined how self-regulatory depletion affects the ability to monitor for vocal cues. Participants were either depleted or not, and then completed either a simple or complex vocal task. Results showed that depletion negatively affected participants' ability to identify complex (but not simple) vocal cues.

9:15 Eaten Up by Boredom: Unhealthy Eating as a Meaning-Regulation Strategy

ANDREW B. MOYNIHAN, University of Limerick; WIJNAND A.P VAN TILBURG, University of Southampton; ERIC R. IGOU, University of Limerick; ARNAUD WISMAN, University of Kent; ALAN E. DONNELLY, JESSIE B. MULCAIRE, University of Limerick; andrew.moynihan@ul.ie

Three studies tested whether state boredom encourages unhealthy eating. It was expected that bored people engage in unhealthy eating in order to escape an existential threat posed by the boredom experience. Results showed that highly bored participants ate more unhealthily than controls. These findings highlight important themes in tackling obesity.

9:30 The Malleable Efficacy of Willpower Theories: A Fluency Perspective

ASHLEY S. OTTO, JOSHUA J. CLARKSON, University of Cincinnati; PATRICK M. EGAN, EDWARD R. HIRT, Indiana University; ottoas@mail.uc.edu

Two experiments demonstrate the malleability of willpower theories from a fluency perspective, showing that feelings of fluency alter the confidence of willpower theories and subsequently impact self-regulatory behavior. This work offers insight into the metacognitive factors that bias self-regulatory behavior.

9:45 God's Wrath Promotes Self-Control

KEVIN ROUNDING, ALBERT LEE, JILL A. JACOBSON, Queen's University; kevin.rounding@queensu.ca

The mechanisms by which religion promotes self-control have yet to be examined experimentally. When presented with passages depicting an Angry God, those with diminished self-control resources still exerted more self-control on an economic cooperation game. But those reminded of a Forgiving God or with neutral concepts exerted little self-restraint.

10:00 Picture-Word Presentation and Categorization of Self-Control Related Stimuli

JESSICA J. CARNEVALE, KENTARO FUJITA, Ohio State University; H. ANNA HAN, St. Mary's College of Maryland; ELINOR AMIT, Harvard University; carnevale.25@osu.edu

Presenting self-control related stimuli as pictures vs. words leads people to categorize stimuli along dimensions that prioritize temptations vs. goals, respectively. Dieters who completed a word-version single-category Implicit Association Test associated vegetables and health whereas dieters in the picture condition associated desserts with taste, compared to the opposite condition.

SYMPOSIUM SOCIAL NEUROENDOCRINOLOGY

Saturday, 8:30-10:20AM Salon 10

Moderator: KEITH WELKER, Wayne State University

This symposium features recent advances in the interface of hormones, social behavior, relationships, and social cognition. Collectively, these talks showcase a novel, cutting edge set of new findings in social neuroendocrinology.

Oxytocin and Human Cognition

MICHELLE M. WIRTH, ALLISON E. GAFFEY, University of Notre Dame; mwirth@nd.edu

Interpersonal Conflict and Positive Maternal Behaviors in Everyday Life: Associations with Diurnal Cortisol

RICHARD B. SLATCHER, HEIDI S. KANE, ERIN T. TOBIN, Wayne State University; JUSTIN M. CARRÉ, Nipissing University; slatcher@wayne.edu

Testosterone & Consumer Psychology: Testosterone Promotes Aggressive Negotiation Strategies

STEVEN J. STANTON, Oakland University; steven.stanton@duke.edu

Dynamic Associations between Testosterone and Partnering During the College Transition

KATHERINE L. GOLDEY, TERRI D. CONLEY, SARI M. VAN ANDERS, University of Michigan; kalusi@umich.edu

Self-construal Moderates the Links between Testosterone, Dominance, and Aggression

KEITH M. WELKER, Wayne State University; JUSTIN M. CARRÉ, Nipissing University; welker.keith@gmail.com

SYMPOSIUM PSYCHIATRIC COMORBIDITY IN SUBSTANCE USE DISORDER

Saturday, 8:30-10:20AM Salon 12

Moderator: SARA STASIK, Edward Hines Jr. VA Hospital

Psychiatric comorbidity is common in veterans seeking mental health treatment. As comorbid mental health problems lead to increased severity, cost, and utilization of treatment, an examination of this issue in mental health care settings is important. This set of talks provides a comprehensive overview of psychiatric comorbidity in veterans with substance use disorder, focusing on individual characteristics of veterans attending a residential substance abuse treatment program as well as a comparison of differential background and symptom presentations, engagement, and treatment outcome across diagnostic and conflict era groups.

Completion of Hines VA Substance Abuse Residential Rehabilitation Treatment Program: Contributing Factors

JOCELYN R. DROEGE, Edward Hines Jr. VA Hospital; jocelyn.droege@va.gov

Psychiatric Comorbidity: A Comparison of Presenting Characteristics and Treatment Outcome in Veterans With and Without PTSD Attending Residential Substance Abuse Treatment SARA STASIK, Edward Hines Jr. VA Hospital; sstasik@nd.edu

Substance Use Disorders, Bipolar Disorder, and Psychosis: Symptom Presentation, Treatment Outcome Among Veterans in a Residential Substance Abuse Treatment Program

NICHOLE OLSON, Edward Hines Jr. VA Hospital; Nichole.Olson@va.gov

Differential Characteristics of OEF/OIF Veterans and non-OEF/OIF Veterans in a Residential Substance Abuse Treatment Setting JANINA KAMM, Edward Hines Jr. VA Hospital; Janina.Kamm@va.gov

Characterizing Alcohol Craving and Neurophysiological Responses to Alcohol Craving Among Veterans with Mental Health Disorders and Mild Traumatic Brain Injury

AMY HERROLD, Edward Hines Jr. VA Hospital; Amy.Herrold@va.gov

Substance Abuse Treatment within a VA Hospital: Understanding the Complexity and Bridging the Science-Practice Gap

AMBER SINGH, Edward Hines Jr. VA Hospital; Amber.Singh@va.gov

POSTER SESSION SOCIAL PSYCHOLOGY & SOCIAL DEVELOPMENT INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY

Saturday, 8:30-10:20AM Exhibit Hall

Moderator: COLLEEN STEVENSON, Muskingum College

1 Partner Commitment Regulation: When Do Involved Individuals Engage In It?

CHRISTOPHER R. AGNEW, EZGI BESIKCI, KENNETH TAN, Purdue University; ebesikci@purdue.edu

As a realistic maintenance strategy, romantically-involved individuals attempt to regulate their partners' commitment. Our findings suggest that people who are as committed as they perceive their partners to be engage in more regulation attempts as compared to those who report a discrepancy between their own commitment and perceived partner commitment.

2 Sexual Coercion and Couple Violence

EUGENE W. MATHES, Western Illinois University; Ew-Mathes@wiu.edu Studies have found a correlation of about .50 between Sexual Experiences Survey (SES), perpetration and victim of sexual coercion scores. This correlation may be a product of negative reciprocity within dysfunctional romantic relationships. Fifty-one couples filled out SES measures and support was found for this explanation.

3 Religious and Relationship Commitment in Online Dating MARK N. HATALA, KENNETH WARNER, MARGAUX KENT, PRIYANKA PRABHU, EMILY KOENIG, RYAN WAVADA, CONNOR MADDEN, MICHAEL RUDY, Truman State University; mhatala@truman.edu

Initial contact messages from seven hundred thirty-five male personals were coded for age and whether specific reference was made to information in the target profile. Results indicated that as religious commitment in the target profile increased, so did the likelihood of the responder referencing something in the target profile.

4 Mate Preferences across Sexual Orientations

TARA M. YOUNG, EMILY GRAHAM, ANGELA G. PIRLOTT, University of Wisconsin Eau Claire; pirlotag@uwec.edu Heterosexual, bisexual, and gay/lesbian men and women reported their long- and short-term mate preferences. Findings generally demonstrated sex differences in preferences across sexual orientations, but also revealed nuance—characteristics specific to reproduction (e.g., wants children) might

be less important for perceiver and target groups for whom reproduction is less likely.

5 Romantic and Peer Exclusion Increases Women's Long-Term Mating Strategies

MICHAEL J. KOSIAK, ANGELA G PIRLOTT, University of Wisconsin Eau Claire; pirlotag@uwec.edu

We examined how peer versus romantic social exclusion affect women's interest in long- versus short-term friend and romantic relationships. Results indicated that both romantic and peer exclusion increase long-term romantic partner-directed strategies relative to control (ps < .01).

6 An Examination of Intimate Partner Violence in College Students DANIELLE CHIARAMONTE, THERESA LUHRS, DePaul University; dchiaram@depaul.edu

Intimate partner violence (IPV) is a serious issue that adversely affects many individuals regardless of ethnicity, socioeconomic class or gender.. In order to gain a better understanding of IPV in a college setting, the present study examined relationship satisfaction and power in both survivors and perpetrators of IPV.

7 Implicit Emotional Reactivity to Partner Infidelity JUSTIN MOGILSKI, LISA WELLING, Oakland University; jkmogils@oakland.edu

120 Participants (50% female) read sexual and emotional infidelity scenarios, completed four IATs examining associations between sexual/emotional infidelity and four emotions, and self-reported reactions to infidelity scenarios. Participants then completed the SOI-R. Implicit and explicit reactions covaried with scores on the SOI-R. These results were interpreted from an evolutionary perspective.

8 What's in a Sext? Sexting Behavior in a College Sample DANE WHICKER, KEVIN COFFMAN, ED DE ST. AUBIN, Marquette

University; ed.destaubin@marquette.edu

Researchers compared undergraduates' self-reports on sexting and committedness to one's sexual partners. Results indicate different patterns of behavior dependent on the recipient (a significant or non-significant other) of one's sext. Sexting appears to be a potential expression of intimacy and deep commitment between partners.

9 Relationship Closeness and Dyadic Partner Effects Increase with Age BRITNEY A. KURTZ, CHRISTOPHER D. PETSKO, JENNIFER TEHAN STANLEY, University of Akron; DEREK M. ISAACOWITZ, Northeastern University; kurtz.britney@yahoo.com

By comparing relationship closeness and quality in couples, our research examined three questions regarding age differences in close relationships. Older adults rate their relationships as closer than younger adults and agreement between partners' closeness scores is maintained with age Finally, increasing age leads to greater satisfaction agreement between partners

10 Attachment, Gender, and Expectations of Love in Romantic Relationships

SEAN M. SHIVERICK, MEGAN M. DIETRICH, University of Wisconsin Platteville; shivericks@uwplatt.edu

This study investigated how expectations of love in relationships vary according to attachment and gender. Participants completed an adult attachment scale and rated components of love in relationships. Females with insecure attachment expected less passion and intimacy than securely attached females, but there was no effect of attachment for males.

11 The Big O: Gender and Personality Differences in Orgasmic Experiences

BARBARA A HUNTER, DANA PENSONEAU, JOSHUA PRINCE, KAITLIN PORTZ, JOSHUA FARMER, Southwestern Illinois College; barbara.hunter@swic.edu

Gender and personality as predictors of attitudes towards orgasm were examined. Sex and gender, along with self-esteem, and self-monitoring were highly predictive of attitudes toward orgasm, willingness to fake, and factors interfering with orgasm. Our findings suggest that men and women still enact traditional scripts in the domain of sexuality.

12 Cheating, Hook-Up, and Attention to Romantic Alternatives among College Students

CRISTINA E. CROMETT, SARAH PAPPAS, University of St. Thomas; jrburi@stthomas.edu

Sexual and romantic behaviors of college students were investigated in two studies. Personal factors intrinsic to the individual (e.g., selfishness and maximizing) were found to be significantly related to (a) cheating, (b) hooking up, and (c) attention to romantic alternatives, explaining as much 21% of the variance in these behaviors.

13 Hostile Sexism Affects Men's Reactions to Help From Women THOMAS LEE BUDESHEIM, ROBIN SCHLABS, Creighton University; budesh@creighton.edu

Men's hostile sexism influenced their emotional reactions to women who gave or offered help. This influence was mediated by men's attribution of

ulterior motives to women. Type of task on which help was given, as well as how help was given (offered vs. assumptive help) were also examined.

14 Childhood Abuse and Mindfulness as Predictors of Adult Friendship Maintenance Difficulty

NANCY WALTER, Metropolitan State University; ALAN KING, University of North Dakota; walterna@metrostate.edu
Prior friendship research has been important in establishing the potential roles of deleterious relationships on psychological adjustment and feelings of wellbeing. Friendship situational and personal maintenance difficulties were linked to mindfulness skills and parental physical abuse during upbringing. Friendships described by respondents seemed more urgent, appreciated, and bound, while less easily.

15 Increasing Positive Mood through Getting-Acquainted Interactions SUSAN SPRECHER, AMANDA FISHER, MICHELLE GRZYBOWSKI, Illinois State University; STAN TREGER, DePaul University; ADAM HAMPTON, ASHLEY CAMPBELL, Illinois State University; CHRISTINA MILLER, Northern Illinois University; SAMANTHA HELMS, Governors State University; sprecher@ilstu.edu In two social interaction studies, positive mood increased and negative mood decreased among participants after engaging in a get-acquainted interaction, regardless of whether it was face-to-face or via Skype. Topic of disclosure (Study 1) and presence of Facebook and phone texts (Study 2) did not moderate the change in mood.

16 Everyday Experiences of Social Support Extend Optimal Matching Theory

JESSICA M JOHNSTON, Texas Tech University, University of Florida; MARTIN HEESACKER, PATRICIA N MARTINEZ, SARAH E FRICK, MIA N KELLY, COLLIN N VERNAY, EMILY E GOLDSMITH, University of Florida; jessica.m.johnston@ttu.edu Eleven independent types of social support were developed based on participants' descriptions of support and Cutrona's five categories of support. Participants were insightful regarding which types of support would be most beneficial to receive. In addition, the majority of participants did not get their social support needs met.

17 Stop Messaging and Call! Downfalls of IM for Interpersonal Communication

MICHELLE DROUIN, SHAQUILE COONCE, ELIZABETH TOBIN, KARA WYGANT, KIRSTIE BARBIER, MATTHEW SWICK, Indiana University-Purdue University Fort Wayne; drouinm@ipfw.edu

Participants were randomly assigned to ftf, voice, or IM conditions and asked to have a 10-minute conversation with a stranger. Ftf and voice conditions produced higher positive ratings of interaction partners' personality traits, and overall more intimate language (e.g., positive emotions) and language style matching occurred in these contexts.

18 The Interpersonal Exchange between Venters and their Listeners CLAIR REYNOLDS, LUCY HEADRICK, MORGAN ROBERTSON, MINDY K. SHOSS, Saint Louis University; creyno15@slu.edu Venting is a common social behavior; however, little is known about the interpersonal aspects of venting. We analyzed the relationship between topics vented about and how the listeners responded. Results suggest that how people respond to vents (i.e., type of support provided) is driven by the vent content.

19 Sources of Ostracism: Getting to Know the Family

ASHLEY BEGLEY, Ball State University; JOAN POULSEN, ANNA CARMON, Indiana University-Purdue University Columbus; HEATHER HERRING, Ball State University; abegley2@gmail.com This multi-method study content-analyzed 279 written descriptions of families, and related these to quantitative measures of exclusion experiences and depression. Results indicate that broadly defining family and defining family with more positive emotion are linked with less ostracism experiences. Implications for family rejection are discussed.

20 Interpersonal Problems Are Associated With Parent Reports of Child Behavior

KRISTIN M KORYCINSKI, C. EMILY DURBIN, Michigan State University; korycin3@msu.edu

Our study examined relationships between parents' reports of problematic interpersonal styles and their interpretations of their child's behavior and temperament. We found that parental interpersonal style was associated with perceptions of child behavior. For instance, parents with problems related to dominance perceived their children as being more impulsive.

21 Homeschooling Parents' Motivation, Curriculum Choice, and Pedagogical Style

KIRSTIN D. MILLER, STEWART EHLY, University of Iowa; stewart-ehly@uiowa.edu

The study examined parents' primary reason for homeschooling in relation to curriculum choice and pedagogy. Results of a survey suggested a relationship between parents' primary reason for homeschooling and curriculum choice and pedagogy. Follow-up analyses indicated that parents'

reasons for homeschooling, pedagogy, and curriculum choice changed as they homeschooled.

22 Mother and Child Interpretations of Harsh Parenting Behaviors BRITTNEY R FRAUMENI, LINDA A CAMRAS, YAN LI, DePaul University; bfraumen@depaul.edu

Ninety-seven mother-child dyads completed surveys measuring harsh parenting behavior frequency and interpretations of those behaviors. Analyses showed children reported higher frequency of harsh parenting than their mothers. Furthermore, children interpreted authoritarian behaviors as child beneficial and shaming behaviors as parent beneficial when harsh parenting occurred more frequently in the household.

23 The Impact of Infant Temperament on Marital Satisfaction JEANA LUCARELLI, CAROLYN GRALEWSKI, Argosy University; cgralewski@argosy.edu

Research has reported decreased marital satisfaction associated with the transition to parenthood (M.J. Cox, Paley, Burchinal, & Payne, 1999; Shapiro, Gottman, & Carrere, 2000). This study investigated the impact of several factors on marital satisfaction: infants' temperament styles, degree of familial support, age/maturity.

24 The Influence of Mother-Child Relationship on Children's Emotional Symptoms and Adaptive Skills

YEA SEUL PYUN, SARAH K. SIFERS, Minnesota State University Mankato; yspyun8768@gmail.com

Investigated the mother-child relationship and adolescents' emotional symptoms and adaptive skills reported by youth. Negative mother-child relationship was related to higher emotional symptoms and lower adaptive skills. Gender was not associated with emotional symptoms or adaptive skills. No interaction between gender and mother-child relationship was found.

25 Meaning in Music: Deviations from Expectations in Music Prompt Outgroup Derogation

PAUL JAMES MAHER, University of Limerick; WIJNAND A. P. VAN TILBURG, University of Southampton; ANNEMIEKE J. M. VAN DEN TOL, University of Kent; Paul.Maher@ul.ie

We investigated for the first time if music that defies expectations fosters the derogation of outgroups. Three experiments are presented utilizing different music styles and measures of outgroup derogation. The results indicate that exposure to unconventional, relative to conventional, music led to higher levels of outgroup derogation.

26 "My Day Was Worse": Comparative Evaluations of Negative Personal Experiences

ADAM DILLA, VICTORIA COAKLEY, EICKHOFF, MEGAN MOTT, COREY L. GUENTHER, Creighton University;

coreyguenther@creighton.edu

The present study sought to extend research on competitive victimhood by exploring whether a similar phenomenon exists at the individual level, whereby individuals perceive their negative personal experiences as more severe than similar experiences had by others. Results support this perspective. Implications and avenues for future research are discussed.

27 Self-Affirmation Attenuates the Effect of Ostracism on Approval Contingencies of Self-Worth

JUSTIN T. BUCKINGHAM, DANIELLE EMERY, ARIELLE MONTAGUE, LEAH MITCHEL, CHELSEA FEAST, Towson University; jbucking@towson.edu

We examined the effects of self-affirmation, self-esteem, and ostracism on contingencies of self-worth (CSW). Self-affirmation significantly reduced the tendency for high self-esteem participants to reduce approval CSW after recalling a time when they were ignored. This suggests that self-enhancement motivates people with high self-esteem to reduce CSW in threatened domains.

28 Big Brother is Watching You: Do Threatening Federal Regulations Reduce the Offensiveness of a National Insult for Honor Endorsers? COLLIN D. BARNES, BRIDGET ERVIN, Hillsdale College;

cbarnes@hillsdale.edu

An experiment tested whether threatening regulatory actions by the U.S. would weaken honor endorsers' national identification and their feeling insulted by a national offense. Results pointed to the utility of the manipulation, but provided mixed support for predictions. Manipulation improvements and potential implications for national security efforts are discussed.

29 Only Children: Funniest of the Funny

MARK N. HATALA, SIERRA HORTON, PRIYANKA PRABHU, EMILY KOENIG, MARGAUX KENT, KENNETH WARNER, TAYLOR MOORE, MICHAEL RUDY, Truman State University;

mhatala@truman.edu

Birth order data from the one hundred highest ranked stand-up comedians was analyzed. Results indicated that "only" children are significantly higher ranking than first-born, middle-born, or last born children. "Only" and last-born children were significantly overrepresented in the rankings, and middle-born children were significantly underrepresented.

30 The Effect of Coping Potential on Regulating Resolved vs. Unresolved Sadness

ALISHA M PETROUSKE, ANCA M MIRON, University of Wisconsin Oshkosh; petroa15@uwosh.edu

We explored the effect of manipulated self-perceived coping potential and the resolved vs. unresolved nature of sadness on desire to listen to happy or sad music. The results have important implications for understanding the motivational mechanisms underlying sadness regulation.

31 Predictive Power of the Explicit and Implicit Response to Images of Violence against Ethnic Groups

LAUREN KURTEN, JENNIFER FANDUZZI, SARAH BIEBEL, NATALIE BATTIS, SAMANTHA A. CHESNEY, NAKIA S. GORDON, Marquette University; lauren.kurten@marquette.edu

This study examines the ability of implicit bias to predict emotional responses to images of violence. Results suggest that active participation in ethnic groups predict smaller implicit racial biases, and endorsement of one's ethnic group indicates higher levels of negative affect when viewing images of torture against ethnic groups.

32 Emotional Expression in Autobiographical Narratives: Reading into Autism Spectrum Disorder

SAMANTHA A. CHESNEY, ARIG ABOULENEIN, STEPHANIE ADIB, V. VAN HECKE, NAKIA S. GORDON, Marquette University; samantha.chesney@mu.edu

This project explores the emotional content of narratives generated by participants with autism spectrum disorder and neuro-typical controls during mood induction procedures. The data demonstrate that emotion regulation and alexithymia are related to amount/quality of emotional statements in happy and angry narratives and suggest group differences in narrative emotional expression.

33 Angry Mood Induction Leads to Negative Interpretation Bias for Third-Person Sentences

NICHOLAS MCCORMACK, NAKIA GORDON, Marquette University; nicholas.mccormack@marquette.edu

Our study compared how positive and negative approach-tendency emotions influence interpretation bias in first versus third person contexts. Results showed that an angry mood decreases positivity bias and increases negativity bias only when interpretations are not self-referential. **34 Rejection and Hurt Feelings: The Moderating Role of Sleep** LAUREN R. GILBERT, TREVOR NICHOLS, REBECCA VANMETER, COREY SHELDON, PEGGY S. KELLER, University of Kentucky; lrgilbert2@gmail.com

Sleep was examined as moderating the association between rejection and hurt feelings. One hundred sixty-eight college undergraduates reported on daily experiences of: subjective sleepiness, rejection, and hurt feelings over 7 days. Objective sleep parameters were obtained using actigraphy. Decreases in sleep were associated with greater hurt feelings following rejection.

35 Maternal Rejection and the Fading Affect Bias in Involuntary Memories

RODNEY J. VOGL, CHANDA MURPHY, ALLISON FAIRLY-KIRKPATRICK, EMILY OPPENHEIMER, Christian Brothers University; rvogl@cbu.edu

Eighty undergraduates completed the BDI and the Mother-Father-Peer Scale. Ten still pictures were presented as potential memory triggers. No relationship was found between maternal rejection and depression. The Fading Affect Bias did not occur. However, there was a significant interaction involving the change in emotion and the type of event.

36 The Contagiousness of Anger and Sadness

ELISABETH GEHRKE, KATHRYN M. LEDVINA, AMARRA R. BRICCO, KANISHA M. FLEMMING, KATE E. DARNELL, TIMOTHY J. ZIETZ, RYAN C. MARTIN, University of Wisconsin Green Bay; martinr@uwgb.edu

Previous research has demonstrated that the emotions of others around us influence our own emotions. However, this finding has never been thoroughly tested with anger. The purpose of this research project is to test the extent to which another's anger influences our own emotions in a given situation.

37 Emotion and Punishment in the Criminal Justice System

MICHAEL BRUBACHER, DePaul University; mbrubach@depaul.edu The justifications for punishing criminal offenders are varied and receive mixed support from within the public. Different emotions carry different goal-oriented action tendencies and may therefore be related to preferring different goals of punishment. In this study, anger, contempt, and disgust predicted punitive goals, while sympathy and fear predicted rehabilitation.

38 Narcissism and Interest in Spiritual Activities: The Effects of Guilt MARK LEHTMAN, AUSTIN SIMPSON, ANTHONY HERMANN, ROBERT FULLER, Bradley University; ahermann@bradley.edu

An experiment examined the impact of guilt on the motivation to engage in spiritual activities as a function of trait narcissism. Results indicated that, for narcissists, guilt decreased motivation for prayer and other solitary spiritual activities but did not affect motivation for social spiritual activities.

39 Morality Foundation Differences among Atheists, Agnostics, and Theists

KATRINA OKERSTROM, DAVID NJUS, Luther College; njusdavi@luther.edu

We studied differences in moral foundations among theists high and or low in religiosity, atheists, and agnostics in 455 adults. Differences for in-group, authority, and purity moral foundations suggest that both religiosity and belief in God are related to moral concerns; atheism/agnosticism and low religiousness are qualitatively distinct moral orientations.

40 Liberal-Conservative Differences on Moral Foundations and Social/Political Values

DAVID NJUS, KATRINA OKERSTROM, Luther College; njusdavi@luther.edu

Adults (n=639) completed measures of liberalism/conservatism, moral foundations, and preferences of three social/political values: liberty-equality, compassion-justice, and situation-person as cause of behavior. Conservatives preferred liberty and justice while liberals preferred equality and compassion. Conservatives viewed individuals as more responsible for behavior. while liberals emphasized the situation.

41 Do Clergy in Hidalgo County, Texas Serve as a Bridge or Barrier to Mental Health Services?

JOHN PARK, JOHNNY RAMIREZ-JOHNSON, PAMELA PEREZ, Loma Linda University; johnchupark@yahoo.com

Insufficient information exists in regards to clergy beliefs of mental health and services. Findings of this study suggest that clergy engage in significant practices, as well as highlighting the importance of training and collaboration among clergy and mental health professionals to strengthen the referral process.

42 Do They Tweet What They Speak? Twitter and the 2012 Election CAROL TWETEN, HELEN C. HARTON, University of Northern Iowa; twetenc@uni.edu

This study examined the official Twitter accounts of Obama and Romney during the three months prior to the 2012 election. We found that the persuasive techniques used by each politician on Twitter are similar to those used in verbal communication, demonstrating Twitter's important role in political communication.

43 Displaced International Punishment and Support for Military Intervention in Syria

ANTHONY N. WASHBURN, LINDA J. SKITKA, University of Illinois at Chicago; awashbu1@uic.edu

Participants primed with the events of 9/11 supported U.S. military intervention in Syria because 9/11 primed strong desires for vengeance. These findings suggest that reminding people of a severe national offense triggers a desire for revenge, which increases the desire to punish a target symbolically similar to the original perpetrator.

44 Do Women Perform Fellatio as a Mate Retention Behavior? YAEL SELA, TODD K. SHACKELFORD, MICHAEL N. PHAM,

Oakland University; ysela@oakland.edu

Previous research documents that men who perform more mate retention behaviors (and particularly benefit-provisioning) also report greater interest in and spend more time performing oral sex on their partner. The current research extends these findings to a female sample and highlights sex differences in oral sex and mate retention behaviors.

45 Moral Foundations Predict Mating Preferences in Men and Women ANDREW TJOSSEM, DAVID NJUS, LOGAN KOCHENDORFER,

BAILEY KAMPA, Luther College; njusdavi@luther.edu

We examined the relationship between five moral foundations and mating desire variables in men and women in a sample of college students. Men and women differed on all four mating desire variables, and mating desire related to moral foundations differently for men and women.

46 Children's Portrayals of Aging across Three Cultures

LORILENE CUEVAS, SABA AYMAN-NOLLEY, JENNIFER BAKER,

Northeastern Illinois University; 1-cuevas@neiu.edu

Research suggests that children's perceptions of aging may have a profound effect on an individual's health and longevity. The purpose of this study was to expand previous research on the perceptions of aging from a cultural perspective through the use of children's drawings from the United States, Jordan and India.

47 Muslim Americans: A Mixed Methods Analysis of Bi-Cultural Identity

IMMAN MUSA, FAUZUL RAHMAN, RICHARD HARVEY, Saint Louis University; imusa@slu.edu

The current study seeks to understand how Muslim Americans identify themselves and how this identification correlates with factors of life satisfaction, acculturation stress and religiosity. Results revealed that acculturation stress levels were lowest for those who identified highly as both Muslim and American.

48 Emotional Competence Goals in Urban Turkish Families

FEYZA CORAPCI, Bogazici University; feyza.corapci@boun.edu.tr This study examined caregivers' emotional competence goals in the Turkish sociocultural context, undergoing social change due to urbanization, industrialization, and Westernization. Findings suggest that Turkish children are socialized to become increasingly autonomous in the expression of self- and other-focused emotions, while maintaining high levels of interpersonal sensitivity.

49 Impact of Western Values on Savoring and Happiness in Korea SOYEON KIM, FRED B. BRYANT, Loyola University Chicago; skim29@luc.edu

Kill-joy thinking is a cognitive savoring response that dampens positive emotions in response to good events. Among a sample of 291 Korean undergraduates, females relative to males more strongly endorsed Western Values, which predicted lower levels of Kill-joy Thinking. This decreased use of kill-joy thinking in turn predicted greater happiness.

50 Effortful Control, Second Step Edition, and Children's Social-Emotional Functioning

ALYSSA A. SONDALLE, JADE G. KESTIAN, RENÉE M. TOBIN, Illinois State University; rmtobin@ilstu.edu

This study examined whether effortful control and intervention influence teacher ratings of kindergartners' social-emotional functioning before and after the primary prevention program, Second Step. Repeated measures regression analysis revealed that effortful control and time, but not intervention edition, were significant predictors of children's social-emotional functioning.

51 A Comparison of Rural vs. Urban Appalachian Parenting Beliefs JENNA WALLACE, MEG STONE, MARIANNA LINZ, TOM LINZ, ISABEL PINO, Marshall University; jenna.wallace@marshall.edu In an effort to better understand the correlation between authoritarian parenting and behavioral outcomes in rural Appalachian culture, the present research examined the developmental impact of authoritarian versus authoritative parenting beliefs in rural and urban Appalachia. Parenting style and developmental impact were compared based on rural vs. urban demographic information.

52 A General Factor of Psychosocial Development: Construct Validity and Heritability

SETH D. YOCKEY, COLIN R. HARBKE, CURTIS DUNKEL, Western Illinois University; sd-yockey@wiu.edu

Seventy-eight items were selected from the MIDUS data archive to represent the eight Eriksonian stages of psychosocial development. Findings showed that a hierarchical, General Factor of Psychosocial Development recovered 87% of the inter-stage variance, and psychosocial development was similar in terms of genetic influence to many other human traits.

53 Academic Achievement: Lessons from One First Generation to Another

TAYLOR MORGAN, PHAME CAMARENA, Central Michigan University; camar1pm@cmich.edu

Qualitative data from 37 university faculty and administrators, who identified as first generation college students, were used to generate lessons on how to improve supports for the academic achievement of current first generation students. Implications for both the institutions and students are identified.

54 Sibling Gender Configuration, Maternal Attitudes, and Children's Gender Development

JUDITH E. OWEN BLAKEMORE, ELIZABETH L. PHILLIPS, MANAAL M. SAJID, HINA BATOOL, ASHLIN M. LONG, Indiana University-Purdue University Fort Wayne; blakemor@ipfw.edu Mothers of 3- to 11-year-olds were less accepting of daughters' play and more accepting of sons' play with feminine toys and activities when the family had children of both genders. In turn, children with siblings of the other gender had less stereotyped interests and traits than children who did not.

55 Positive Affect and Social-Emotional Development from 6 to 36 Months

ALEXANDER W. FRUTH, MICHELE M. MILLER, University of Illinois at Springfield; H. HILL GOLDSMITH, University of Wisconsin Madison; mmill36@uis.edu

This study examined positive affect and social emotional development from 6 to 36 months as rated by caregivers and experimenters. Early positive affect is relatively stable and is associated with the development of social-emotional skills that are essential for schooling, such as enthusiasm and social engagement.

56 Attachment and College Adjustment: The Mediating Role of Instrumental Coping

DAVID I. BISHOP, EMILY HARLYNN, ALEXANDRA NYMAN, SWORUPA STHAPIT, Luther College; bishopda@luther.edu

College students nearing the end of the first academic year were asked to complete instruments measuring attachment, coping, and adjustment to college. Structural equation modeling was used to model mediation separately for attachment to mother and father. Instrumental coping significantly mediated the relationship between parental attachment and adjustment to college.

57 Evidence for a Jealousy-Envy Distinction in School-Age Children's Emotion Talk

JESSICA K. FRITZLER, NAOMI J. ALDRICH, Grand Valley State University; aldrichn@gvsu.edu

We investigated 5- to 11-year-olds' abilities to distinguish between jealousy and envy through narrative vignettes. Although children used the term "jealous" for both emotions, our findings indicate that children distinguish between the two emotions and display different developmental trajectories concerning feelings surrounding interpersonal rivalry.

58 Relationships between Maternal-Mind-Mindedness, Gender-Stereotypes, and Mother-Child Emotion Talk about Jealousy CHALLIE E. FROSTICK, NAOMI J. ALDRICH, Grand Valley State University; aldrichn@gvsu.edu

We examined influences of maternal-mind-mindedness and genderstereotypes on school-age children's emotion talk with their mothers about jealousy. Our findings suggest that maternal stereotypes influence girls' talk about sadness and boys' talk about contempt which may have important implications for socialization practices concerning children's experiences of interpersonal rivalry.

59 Maternal Anxiety and Parenting Behavior

JULIE E PREMO, ELIZABETH J KIEL, Miami University; premoje@miamioh.edu

Maternal explicit and implicit anxiety were examined in relation to observed and reported parenting behaviors with their toddlers. In a regression analysis, explicit anxiety was positively related to maternal critical control. Final analyses will determine how implicit anxiety, measured by the IAT, will predict spontaneous, observed maternal parenting behaviors.

60 The Effects of Daycare: What We Have Learned

NOAM SHPANCER, Otterbein University; nshpancer@otterbein.edu This presentation reviews the research on the effects of nonparental child care on children's development, highlighting findings from the main areas of study within the daycare literature, including the importance of home and daycare quality and the effects of daycare on children's socioemotional and cognitive development and their physical health.

61 Perceived Benefit of the BackPack Food Program Based on Income and Food Insecurity

SAMANTHA J TUPY, SARAH SIFERS, Minnesota State University; samantha.tupy@mnsu.edu

Evaluation of a supplemental food program for elementary children using parent satisfaction surveys indicated a neutral perception of the program, but lower per capita household income and greater food insecurity significantly predicted greater perceived benefit suggesting the program should be targeted and evaluation results be interpreted carefully.

62 Reading Potential vs. Performance: Contribution of Two Psychosocial Factors

TAYLOR DREHER, ISABELLE ROMERO, ROBERT SCHLESER, KIM MCCUE, Illinois Institute of Technology; tdreher@hawk.iit.edu
This study investigated the effect of social desirability and perceived competence on the gap between true reading ability and reading performance. The findings suggest social desirability and perceived competence contribute to the gap between reading potential and performance, implying a need to control for psychosocial variables in reading measurement.

63 Emotional Dysregulation: Impacts on Perceived Father Rejection and Male Aggression

MELISSA D. MCKENZIE, Northern Illinois University; ROBERT B. CASSELMAN, Winona State University; melissa.mckenzie3@gmail.com Components of emotional dysregulation were explored as mediators of the relationship between perceived father rejection and male aggression. The mediating effects of impulsivity and nonacceptance were supported. Findings demonstrate the importance of exploring distinct aspects of emotional dysregulation as they contribute to aggression for father-rejected males.

64 An Idle Mind is an Unhappy Playground

MICHELLE DROUIN, ASHLEY MCMAHON, SARAH FULCHER, ANNA REESE, DANIELLE WORKMAN, Indiana University-Purdue University Fort Wayne; drouinm@ipfw.edu

Participants were randomly assigned to conditions where for 15 minutes they engaged with technology (social networking, texting, or internet) or not. Those who were instructed to do nothing or not use technology reported significant decreases in positive affect. Among undergraduates, forced idle time does prompt thought but also discontent.

65 Does Flow or Interest Predict Re-Engagement in a Picture-Viewing Activity?

SARAH L COLEY, AMANDA M DURIK, Northern Illinois University; scoleypsychology@gmail.com

This study examined two aspects of experience, interest or flow, while viewing artwork and tested which best predicted deciding to view similar artwork one week later. Flow predicted participants' choice to view similar artwork during their second session, but neither interest nor the valence of the images predicted participants' choice.

66 Understanding Relevance Interventions: The Mediating Role of Personal Connections

JENNIFER L. CORLEY, MCKAYE F. WHITESIDE, CHRISTOPHER S. ROZEK, University of Wisconsin Madison; crozek@wisc.edu Expectancy-value theory predicts that relevance interventions should enhance motivation, and prior research supports this hypothesis. We tested if two primary components of relevance interventions, utility value and personal connections, were capable of improving motivation alone. Results showed that both components enhanced motivation, and effects were mediated by perceived personal connections.

67 Positive Benefits Adolescents Receive Through a Two Week Horsemanship Program

MEGAN REPASS, Lipscomb University; mmrepass@mail.lipscomb.edu This pilot study, conducted at the YMCA Storer Camp in Jackson, Michigan, investigated the benefits of equine therapy.

68 Constructing a New Learning Agility Measure from Archival Data SETH D. YOCKEY, COLIN R. HARBKE, Western Illinois University; sd-yockey@wiu.edu

Learning Agility (LA) describes one's ability to learn from experience and to perform under challenging circumstances. As most existing LA measures are privately controlled, a new self-report LA measure was created by identifying theoretically-relevant items from archival data. Factor and correlational analyses supported the construct validity of the LA measure.

69 The Effects of On Site vs. Off Site Events with Teambuilding or Non-Team Building Social Interventions on Cohesion, CMX, and LMX ZACHARY A ZIMMERLIN, Wright State University;

zimmerlin.4@wright.edu

The purpose of this study is to address the gap between on and off site events in organizations and whether or not there is a difference between having a team building intervention and a non-team building social event,

while examining the variables of cohesion, CMX, and LMX utilizing t-test analyses.

70 Contextual and Personality Factors Associated with Workplace Bullying

VALENTINA MESSIER, ANUPAMA HARVEY, Cardinal Stritch University; vrmessier@wolfmail.stritch.edu

This study examined whether personality characteristics and childhood contextual factors would be related to workplace bullying. Results from the study revealed that perception of workplace bullying was correlated with adverse childhood experiences, openness to experience, and extroversion. The implications of these and other findings will be discussed.

71 Do Learning Styles Matter? Structured-Oriented Trainees' Reactions to Trainer Charisma

TYREE MITCHELL, JASMIN SOTO, ANNETTE TOWLER, DePaul University; tmitch21@depaul.edu

We examined the relationship between trainees' structured-oriented learning style and trainees' reactions. Undergraduates received Microsoft Excel training that was facilitated by either a charismatic or non-charismatic training agent. Results show that structured learning style correlates positively with trainee reactions only when trainees experience a non-charismatic agent.

72 Volunteers' Responses to Open-Ended Survey Questions: Evidence of Negativity Bias?

KAMILA A. GABKA, KIMBERLY T. SCHNEIDER, ASHLEY S. MCCARTHY, CASSI M. HEIDER, JACQUELINE C. MASSO, ERIN R. WHITE, AARON WHITELY, Illinois State University; ktschne@ilstu.edu We examined differences in work satisfaction, satisfaction with communication, perceptions of voice, role ambiguity, and burnout among volunteers who chose to respond or not respond to open-ended questions on a Volunteer Opinion Survey. Group differences indicate variations in work experiences and inform the interpretation of open-ended survey responses.

73 A Model Examining Volunteer Satisfaction, Burnout, Constraints, and Turnover Intentions

AARON WHITELY, F. ANDREW EICHLER, KIMBERLY T. SCHNEIDER, ANTHONY M. CZESAK, KAILEY M. PEREZ, KAMILA A. GABKA, ASHLEY S. MCCARTHY, Illinois State University; ktschne@ilstu.edu

Volunteers make up a sizeable portion of the American workforce, especially in nonprofit organizations. This study examined the job constraints encountered by volunteers and examined relationships with

satisfaction, burnout, and turnover intentions. A model supporting a relationship between constraints, lowered satisfaction, greater burnout and intent to quit volunteering was supported.

74 Pride in the Workplace: Is Pride Helping or Hurting You? VICTORIA NEWCOME, CHELSIE ABBOTT, JAMES BEIL, Southern Illinois University Edwardsville; AMY QUARTON, Maryville University;

CATHERINE DAUS, Southern Illinois University Edwardsville; cdaus@siue.edu

This study is measuring authentic (being proud of an accomplishment) and hubristic pride (being cocky or conceited) of either males or females in a business or personal scenario. As predicted, when the scenario person 'acted' hubristically, participants felt that it was less appropriate, than when the person acted authentically.

75 Gender Differences in Sexual Harassment: Who's the Real Victim? MALLORY MAVES, VICTORIA NEWCOME, CARA SCHUMAN,

DANA MILAM, Southern Illinois University Edwardsville; mallory.m3@gmail.com

Results show that in a student population likeability of a female boss who is sexually harassed either gender decreases that likability in both genders. The likability of the boss decreased in female on female sexual harassment than male on female sexual harassment.

76 A Cross-Cultural Investigation into the Effects of Leaders' Self-Monitoring and Work Orientation

TIMOTHY CARSEL, DEEPSHIKHA CHATTERJEE, ROYA AYMAN, Illinois Institute of Technology; KAREN KORABIK, University of Guelph; tcarsel@hawk.iit.edu

Two studies cross-culturally examined the effect of managers' self-monitoring and work orientation on behavior. Results for Mexican managers showed that task oriented leaders were perceived more structuring than relationship oriented ones. Also, high self-monitors compared to lows were perceived less considerate. These findings for Canadian managers were similar but non-significant.

77 Gender, EI and Organizational Commitment: Does EQ Mean Loyal Employees?

DENISE N WINSCHEL, TONI DIDONA, Carlos Albizu University; denichew@hotmail.com

The purpose of this study was to analyze H1: a significant difference exists between men and women's levels of emotional intelligence and H2: there is a positive correlation between employees' EI and organizational

commitment. With a sample of 105 participants, findings failed to support H1, but supported H2.

78 Ethnic Preferences at Work? Hispanics Leading in Job Turnover ALBERT LIENS, TONI DIDONA, Carlos Albizu University;

albert_liens@yahoo.com

Unpleasant job characteristics were analyzed to predict employee turnover. A convenience sample was obtained through a researcher-developed survey. Two-tailed t-test was the preferred statistic method of analysis. Significant findings found show that Hispanics have higher chances to leave their job when undesired job characteristics are present.

79 Cynicism in Societal and Organizational Contexts

ASHLEY PERCY, CATHERINE T. KWANTES, University of Windsor; ckwantes@uwindsor.ca

The relationship between organizational and social cynicism as well as potential mediators was examined in this project. Social and organizational cynicism were positively correlated. Organizational (especially procedural and interactional) justice and psychological empowerment were found to mediate the relationship between social and organizational cynicism, accounting for 43.1% of the variance.

80 Person-Environment Fit Promotes Organizational Attraction and Acceptance Intentions during Pre-Hire Employment Phase

NICOLE L. GILSON, MEERA KOMARRAJU, Southern Illinois University Carbondale; meerak@siu.edu

In our study of 140 job applicants, perceived person-environment fit was positively associated with organizational attraction. Further, organizational attraction mediated the relationship between person-environment fit and job acceptance intentions. Applicants with a stronger sense of fit are more likely to accept an employment offer because they experience stronger organizational attraction.

81 Race/ethnicity and Type of Performance Impact Perceptions of Leadership

TAPIWA SALIJI, MEERA KOMARRAJU, DUSTIN R. NADLER, MEGAN MORRISON, Southern Illinois University Carbondale; meerak@siu.edu

Using a 2x2 MANOVA design we manipulated the race/ethnicity and type of performance of a leader with 147 White employees. Overall an African American police chief was rated higher on leadership qualities (knowledge, likeability, and job-fit) than a White police chief; but more incompetent and irresponsible when making performance mistakes.

82 Employment Credit Checks: Influences of Fairness Perceptions SEAN M. CAMERON, Southern Illinois University Carbondale; seancameron@siu.edu

The use of consumer credit as a selection tool has been increasing in use. An examination of fairness perceptions in relation to job relatedness, credit-related stress, and previous employment denial based on credit history was conducted adding to the discussion of the understudied selection method.

83 Sexual Orientation and Aggressors and Targets of Sexual Harassment

ANNA TAYLOR, ALEXA KNUTH, RACHEL STARK, CHELSIE ABBETT, JOEL T. NADLER, Southern Illinois University Edwardsville; jnadler@siue.edu

Undergraduate students (N=442) were given an ambiguous sexual harassment situation and asked to rate how guilty aggressors were on a 1-5 scale. There was a significant interaction between perceptions of SH and gender of the aggressor and target. We found that homosexual harassment is perceived less often than heterosexual harassment.

84 Gender Differences in Perceptions of Negative Customer Service Behaviors

CHRISTOPHER W LEGROW, RAYMOND LAMBERT, Marshall University; christopherlegrow@yahoo.com

The study examined 426 consumers' perceptions of negative employee behaviors and the effect of these behaviors on consumer loyalty. Results indicated companies whose employees fail to provide adequate assistance to customers or exhibit poor emotional self-control with difficult customers are highly likely to experience a loss of female customer loyalty.

85 Creative Teams: Do Conflict and Reflexivity Influence Creative Team Performance?

TERESA A. QUEEN, RONI REITER-PALMON, University of Nebraska Omaha; tqueen@unomaha.edu

Organizational creative output has been suggested to be influenced by unclear work processes and team conflict. Our results support that teams who experience low levels of conflict are more likely to engage in process changes that relate to creative performance outcomes.

86 Effects of Managerial Support and Rationale on Diversity Training Effectiveness

ROSE GREEN, CAREY RYAN, JOEL BUTLER, LAUREN WEIVODA, University of Nebraska Omaha; rtgreen@unomaha.edu
We experimentally examined the effects of managerial support and proactive versus reactive implementation on diversity training effectiveness.

Management support resulted in less effective training when training was proactive and among men. Results suggest that management support may sometimes backfire—perhaps when participants believe they are considered part of the problem.

87 Job Satisfaction's Mediating Role between Emotional Labor and Organizational Commitment

JOSEPH NARUSIS, University of Southern Illinois; jdnarusis@gmail.com Job satisfaction's mediating role between emotional labor (surface and deep acting) and organizational commitment (normative and affective) was investigated with 400 participants from the United States and Turkey. Job satisfaction mediated the relationship between emotional labor and organizational commitment (US) and between deep acting and normative commitment (Turkey).

88 Emotional Exhaustion, Fatigue, and Recovery Experiences For Bridge Employees

EILEEN TOOMEY, CORT RUDOLPH, Saint Louis University; toomey@slu.edu

We examined emotional exhaustion in bridge employees over a two-year period to understand the way in which older individuals adapt to work stress over time. Specifically, we sought to understand the mediating role of fatigue in the relationship between emotional exhaustion and recovery experiences.

SEXUALITY & SEXUAL BEHAVIOR

Saturday, 8:45-10:00AM Salon 3

Moderator: KRISTIN A. WESNER, Clarke University

8:45 Effects of Emotion Regulation Strategies on Sexual Risk-Taking MONICA LACKUPS, NATALIE DOVE, Eastern Michigan University; mlackups@emich.edu

Effects of Emotion Regulation Strategies on Sexual Risk-Taking Sexual risk-taking is an area where there are significant individual differences in behavior, including gender differences. Emotion regulation difficulties are one contributing factor to risky sexual behavior. This study investigated whether there are gender differences in how emotion regulation strategies influence sexual risk-taking

9:00 Non-Heterosexist and Non-Gender Biased Sexual Experiences Survey: Reliability and Gender-Differences

ALYSSA SPURLING, PEI-YI LIN, GEORGE GAITHER, CARIN SMITH, Ball State University; amspurling@bsu.edu

The purpose of this presentation is to introduce a non-heterosexist and non-gender biased Sexual Experiences Survey. A reliability analysis revealed a Cronbach's alpha of .80 (Female alpha = .80, Male alpha = .85). The preliminary findings reveal a reliable measure with a potential for wide usage in assessing sexual victimization.

9:15 Gender and Symptomology: A Comparison of Cisgender and Transgender Individuals in a Clinical Population.

KIMDY LE, ANIBAL TORRES BERNAL, Indiana- Purdue University Columbus; DEBORAH COOLHART, Syracuse University; kimle@iupuc.edu

There is a debate about the association between gender and mental health. We contribute to this debate by examining self-reported symptomology of transgender and cisgender individuals in a clinical sample from a university-based Marriage and Family Therapy Center. We found that transgender individuals reported lower symptoms relative to cisgender individuals.

9:30 Effects of Anonymity and Social Dating Media on Sexual Expression

WILL O'BERRY, KERRY S. KLEYMAN, Metropolitan State University; oberge@metrostate.edu

The purpose of this study was to uncover relationships amongst men's sexual orientation, social dating media, and sexual expression. Preliminary results revealed the existence of a relationship between anonymity and sexual expression in gay and bisexual men. Gay, bisexual, and straight men behaved similarly via less anonymous media platforms.

9:45 Hooked Together: Investigating a Hook-pull in a BDSM Context ELLEN M. LEE, JAMES K. AMBLER, BRAD J. SAGARIN, Northern Illinois University; EllenMorganLee@gmail.com

Data were collected from a sadomasochistic event involving temporary piercings in the chest. Participants were either watching, supporting, or being hooked themselves. All participants conceptualized the event as spiritual, but hooked participants reported the largest reductions in psychological stress and increases in intimacy whereas supporters experienced greatest amounts of flow.



MPA Professional Development Workshop

SUCCESS ON THE ACADEMIC CAREER TRACK: ADVICE FOR STUDENTS, FACULTY, AND MEMBERS OF UNDERREPRESENTED GROUPS

This invited workshop will help demystify the academic career track. Speakers will address issues for undergraduate and graduate students considering academic careers, early-career faculty on the tenure track, and mid-career faculty facing post-tenure career decisions. Our keynote speaker will offer targeted advice for women and members of underrepresented groups.

Saturday, 10:30AM-12:20PM Wabash Moderator: LESLIE ASHBURN-NARDO, Indiana University-Purdue University Indianapolis

Moving beyond Pets and Threats: Excelling as an Underrepresented Woman

KECIA M. THOMAS, University of Georgia; kthomas@uga.edu In this talk, I will identify the career challenges that underrepresented women confront as both junior and senior professionals and suggest strategies moving forward and reaching one's potential.

Ready or Not for Graduate School?

BETHANY S. NEAL-BELIVEAU, Indiana University-Purdue University Indianapolis

bnealbe@iupui.edu

Many students major in psychology hoping to attend graduate school yet are not sure how to proceed. Given the variety of programs and increasingly high admission standards, students need to begin their planning early. How does one prepare for and choose the right graduate school program to ensure success?

Research and Teaching and Service, Oh My! Succeeding in a Research-Intensive Environment

DONALD A. SAUCIER, Kansas State University; saucier@ksu.edu Succeeding as faculty at research institutions requires more than hard work. I will discuss strategies for navigating research-intensive environments as faculty. I will discuss setting priorities; gaining institutional knowledge; and "balancing" research, teaching, and service

responsibilities. Throughout this discussion, I will provide practical recommendations for increasing the likelihood of success.

So You Want to Teach

MARGARET A. THOMAS, Earlham College; thomama@earlham.edu Teaching at a small liberal arts school requires making a successful transition from a research-focused life in graduate school to a teaching-focused life as a faculty member. Teaching requires as much or more mental energy than a dissertation, but is filled with as much or more reward. In this talk, I will explain some of the challenges facing new faculty members at teaching-focused institutions, as well as some strategies designed to minimize those challenges.

You Earned Tenure: Now What?

KATHRYN A. MORRIS, Butler University; kmorris@butler.edu Although junior faculty may experience increased stability upon earning tenure, the associate professor role can be complex and unpredictable. Service responsibilities increase, administrative opportunities surface, and formal mentoring programs vanish. What are some challenges of post-tenure faculty life and what kind of career discernment is required at this rank?

PROSOCIAL BEHAVIOR

Saturday, 10:30AM-12:20PM Crystal

Moderator: AMY SUMMERVILLE, Miami University

10:30 The "Holier Than Thou" Effect Decomposed: People's Beliefs about Their Own and Others' Capacity for Selfish and Prosocial Behaviors

NADAV KLEIN, NICHOLAS EPLEY, University of Chicago; nklein@chicagobooth.edu

Four experiments find that people believe that others have a greater capacity for selfish behavior than them, but do not believe that they have a greater capacity for prosocial behavior than others. These findings offer insights about people's beliefs about human nature and about the "holier than thou" effect.

10:45 Undermining Belief in Free Will: Investigating Mechanisms and Boundary Conditions

BRIANNA L MIDDLEWOOD, KAREN GASPER, Pennsylvania State University; blm266@psu.edu

Undermining free will belief (FWB) may not always undermine moral behavior. Two experiments found that undermining FWB reduced helping, but increased approval of utilitarian actions (prioritizing the good of the many). Furthermore, these effects were not always mediated by movement in FWB, but may be explained by prioritizing rational decisions.

11:00 Trust and Prosocial Behavior after Tacit Coordination Games KYLE DICKEY, Miami University; CHRISTOPHER CHARTIER, Ashland University; SUSANNE ABELE, Miami University; dickeykj@muohio.edu

This goal of this research was to extend the downstream effects of tacit coordination. Participants were asked to match or mismatch responses, then play a modified trust game. A chi square test of independence found participants who matched acted more prosocially than participants who mismatched.

11:15 The Effect of Supernatural Primes on Prosocial Behavior

TAYLOR NEWTON, Central College; newtont@central.edu Supernatural agents may be either religious or nonreligious, but whether different supernatural agents have similar effects on prosocial behavior is unknown. A significant interaction indicated that those high on religiousness exposed to a God prime took more prosocial flyers than those high on religiousness exposed to a Ghost prime.

11:30 Forgive Us Our Trespasses: Priming a Forgiving (but Not a Punishing) God Increases Unethical Behavior

MICHELLE BRYANT, Winston-Salem State University; SARAH POOLE, University of Arizona; CHARLES SANGUEZA, New York University; NATARSHIA CORLEY, WILLIAM JONES, AMBER DEBONO, Winston-Salem State University; debonoae@wssu.edu We predicted that focusing on God's forgiveness may increase unethical behaviors. In three experiments, Christians who focused on God's forgiveness cheated and stole significantly more than Christians assigned to control conditions. These results may have important implications for understanding the relationship between crime and religion.

11:45 Morality as a Function of Positive Emotions

ERIC R. IGOU, FREDERIEKE VAN DONGEN, University of Limerick; eric.igou@ul.ie

Across a series of studies using numerous moral measures some positive emotions led to less morality than others. We argue that differences in morality are rooted in the strength with which emotions are associated with two psychological dimensions: fulfillment and perspective (temporal, global).

12:00 Merit vs. Equality: Ideological Preference when Personal Control is at Stake

CHRIS GOODE, LUCAS A. KEEFER, LUDWIN E. MOLINA, University of Kansas; sgtgoode@gmail.com

Is meritocracy or egalitarianism more desirable when our control is threatened? We found that when personal control is threatened, individuals re-gain more control from a meritocracy prime (Study 1) and are more supportive of its values (Study 2) in contrast to egalitarianism.

EXPLICIT MEMORY

Saturday, 10:30AM-12:20PM Salon 1

Moderator: G.A. RADVANSKY, University of Notre Dame

10:30 Do Computer-Controlled Study Benefits Transfer to Self-Controlled Study?

FRANCESCA R. FLORES, MICHAEL J. SERRA, Texas Tech University; michael.serra@ttu.edu

Learning is boosted when computers scaffold students' study decisions. The effects of such scaffolding, however, have only been evaluated for lessons that include the computer's assistance. Therefore, we examined whether the effects of computer-assisted study would transfer to a new study situation where the computer's help was not available.

10:45 Increasing Durability and Efficiency of Learning: Does the Schedule of Bidirectional Retrieval Practice Matter?

KALIF VAUGHN, KATHERINE RAWSON, Kent State University; kvaughn4@kent.edu

Students learned German-English translations via test-restudy practice until correctly recalled both forward and backward. Students learned the word pairs via blocked or alternating retrieval practice schedules. Final recall performance did not significantly differ as a function of practice schedule; however, efficiency of learning favored the alternating schedule.

11:00 Collaborative versus Individual Retrieval Practice: Effects on the Learning and Retention of Key Term Definitions

KATHRYN WISSMAN, KATHERINE RAWSON, Kent State University; kwissman@kent.edu

Engaging in retrieval practice facilitates learning and retention.

Collaborative testing during practice also enhances subsequent individual memory, although the prior research on collaborative testing has focused on simple verbal materials. We explored the extent to which memory for key term definitions was greater following individual versus collaborative retrieval practice.

11:15 Test Performance Judgments are Higher When Easier Questions Come First

ABIGAIL JACKSON, ROBERT L. GREENE, Case Western Reserve University; abigail.jackson@case.edu

Participants answered general knowledge questions and estimated how many they answered correctly. Across four experiments, participants gave higher estimates of number correct when easy questions preceded difficult questions. Results are consistent with the notion that first impressions predominate in overall perception of test difficulty.

11:30 Page Turns and Text Memory

MEGHAN M SALOMON, G.A. RADVANSKY, University of Notre Dame; msalomon@u.northwestern.edu

Narrative boundaries occur in text while event boundaries in life but both influence memory. This study shows that while text-based boundaries enhance memory for text, page-turn experience-based event boundaries interrupts retrieval for text. When combined and read simultaneously, these two effects cancel each other out.

11:45 Not all False Memory Responses Reflect Real False Memories MICHAEL F. WAGNER, JOHN J. SKOWRONSKI, Northern Illinois University; mwagner1032@gmail.com

"Real" false memories reflect both recall of false information and a loss of source monitoring. Data from two false memory studies that explored (via the Memory Process Measure) how people produced their memory responses suggest that some false memory responses are bogus, in that they do not reflect both processes.

12:00 Are Scientific Disciplines Viewed As More Important?

DOUG KRULL, Northern Kentucky University; krull@nku.edu
The current project investigated ratings for 12 academic disciplines (e.g.,
Chemistry, Psychology, English). In general, disciplines perceived to be
more scientific were viewed as more important. Psychology was viewed as
less scientific than biology, chemistry, and physics, but equal in importance
to biology and more important than chemistry and physics.

COGNITIVE CONTROL & AUTOMATICITY

Saturday, 10:30AM-12:20PM Salon 5/8

Moderator: ALYCIA M. HUND, Illinois State University

10:30 Invited Talk

Interhemispheric Transfer Effects and Individual Differences in the Neural Signal

STEPHANIE L. SIMON-DACK, Ball State University;

slsimondack@bsu.edu

This talk examines the degree to which the speed of information transfer between the left and right hemisphere correlates with key aspects of cognition such as cognitive control, spatial processing, and temporal processing. Individual differences in neural signals related to these processes, as measured by EEG, will also be discussed.

11:00 Constructing Mental Models of Unobservable Phenomena Using Analogies and Diagrams

ANDREW TAYLOR, JENNIFER WILEY, University of Illinois at Chicago; ataylo36@uic.edu

This study found that when learning about an unobservable phenomenon, (namely, weather patterns) individuals who received a plain text or a text embedded with diagrams showed a strong positive relationship between visualization skills and learning, whereas those who received an analogy intext showed no such relationship.

11:15 Modeling Problem Solving in Search and the Traveling Salesman Problem

BRANDON S. PERELMAN, SHANE T. MUELLER, Michigan Technological University; bperelman@gm.slc.edu

The present study examines search performance in participant-generated solutions to a constrained Traveling Salesman Problem (TSP), and models this performance using three models: an optimal TSP-solving algorithm and two neurocomputational models based on the human hippocampus. Hierarchical planning was necessary to produce solutions with efficiency similar to human solutions.

11:30 When Quitters Don't Quite Quit: Putting Implicit Theories into Context

PATRICIA CHEN, NORBERT SCHWARZ, PHOEBE C. ELLSWORTH, University of Michigan; patchen@umich.edu

In four studies, we examined how the choice alternatives available to problem solvers interact with their implicit theories of intelligence to produce differences in persistence. We found that expanding problem solvers' choices beyond the conventional "quit" or "persist" eliminates the traditionally found "entity-quitters, incremental-persisters" dichotomy.

11:45 Challenging Deliberate Thought Promotes Hierarchy Values and Undermines Equality Values

LAURA VAN BERKEL, CHRISTIAN S. CRANDALL, University of Kansas; vanberkel@ku.edu

We investigated the primacy of conservative values associated with hierarchy. Participants rated hierarchical and egalitarian values while either intoxicated (Study 1) or instructed to think either superficially or deliberately (Study 2). In both studies, low-effort thinkers devalued equality, and tended to endorse more hierarchical, conservative values.

12:00 Does Set Size Affect Memory-based Automaticity?

NICOLAS J. WILKINS, Southeast Missouri State University; KATHERINE A. RAWSON, Kent State University; nwilkins@semo.edu According to memory-based automaticity theories, improvements in response speed with practice reflect a shift from algorithmic to retrieval processing, but how does set size affect memory-based automaticity? Results from two experiments indicate that set size influences memory-based automaticity in ways that cannot be explained by memory-based accounts as currently formulated.

CONSEQUENCES OF SELF-KNOWLEDGE

Saturday, 10:30AM-12:20PM Salon 10

Moderator: MARK STAMBUSH, Muskingum College

10:30 Disrupting Self-Verification Processes in the Public Speaking Domain

PETER ZUNICK, RUSSELL H. FAZIO, Ohio State University; zunick.3@osu.edu

People with negative self-views resist positive self-inferences following a success. We disrupted this self-verification process with a directed abstraction writing intervention (e.g., "Explain WHY you were able to achieve a successful performance"), helping participants high in fear of public speaking draw positive conclusions about their abilities following a speaking success.

10:45 Knowing the Self: Using Confirmatory Hypothesis Testing to Achieve Clarity

JEAN GUERRETTAZ, ROBERT M. ARKIN, Ohio State University; guerrettaz.1@osu.edu

What does it mean to know the self? Self-concept clarity may reflect a tendency to "stack the deck" via a biased search for self-knowledge rather than efforts to fully understand the self. Confirmatory hypothesis testing leads to greater self-concept clarity, which then promotes further biased hypothesis testing about one's self-concept.

11:00 Using High-level Construal and Perceptions of Changeability to Promote Self-change over Self-protection Motives in Response to Negative Feedback

JENNIFER N BELDING, KENTARO FUJITA, Ohio State University; KAREN Z. NAUFEL, Georgia Southern University; jenniferbelding@gmail.com

We propose construal level determines whether people choose to accept or dismiss diagnostic negative information. Whereas high-level construal promotes long-term self-change motivation, low-level construal promotes short-term self-protection motivation. Two experiments manipulated construal level, presented participants with a threatening health message, and showed that high-level construal leads to increased message acceptance.

11:15 High-level Construal Promotes Efficient Goal Pursuit

PAUL STILLMAN, KENTARO FUJITA, Ohio State University; OLIVER SHELDON, Rutgers Business School; paul.e.stillman@gmail.com
Across 3 studies we demonstrate that transcendence, and associated high-level construal, promotes sensitivity to situational affordances - opportunities in the situation to advance one's goals - and the end-state value of the possible goals one could pursue. This suggests that high-level construal facilitates efficient decisions when faced with goal-conflicts.

11:30 I Think I Know, Therefore I Overclaim; Perceived Self-Knowledge Predicts Overclaiming

STAV ATIR, DAVID ALAN DUNNING, Cornell University; EMILY ROSENZWEIG, Tulane University; ssa62@cornell.edu
People rating themselves as highly knowledgeable about a topic are more likely to claim knowledge they cannot possibly possess, in that they claim knowledge of topic-related items that do not exist. Two studies of self-perceived knowledge, one correlational and one experimental, converged to demonstrate this link between self-concept and "overclaiming."

11:45 Similarities in Self-Complexity across American and Indian Cultures

AARON A. SHILLING, Saint Louis University; CHRISTINA M. BROWN, Arcadia University; ashillin@slu.edu We explored differences and similarities in self-complexity across American and Indian cultures, which have been shown to vary in

collectivism and individualism. Self-complexity did not differ between these countries, perhaps because it is shaped more by the development of cognitive systems and structures than cultural forces.

12:00 How Do We Define Ourselves? An Exploratory Study of the Indonesian Adolescent Contextualized Self

YOPINA PERTIWI, University of Toledo;

Yopina.Pertiwi@rockets.utoledo.edu

The study aimed to explore self-concept of Indonesian adolescents in different contexts, i.e. mother, father, close friend, teacher, and in general. Participants were 395 Indonesian adolescents. Findings showed different patterns of adolescent self across different contexts. Gender effects were found in mother, teacher, and general contexts.

POSTER SESSION CLINICAL PSYCHOLOGY, STRESS, TRAUMA, & COPING

Saturday, 10:30AM-12:20PM Exhibit Hall

Moderator: DIANE B. V. BONFIGLIO, Ashland University

1 Personality Traits and Legal History

EMILY VANDERBLEEK, LEE ANNA CLARK, University of Notre Dame; EUNYOE RO, Southern Illinois University Edwardsville; evanderb@nd.edu

We sought to further our understanding of the nature of relations between personality pathology and legal history. We found a strong general relation between these domains, a correlation between arrest history and impulsivity, and more specific relations with other personality traits.

2 The Paranoid Personality Questionnaire- a New DSM-5 Self-Report Measure

MICHELLE E. CASCIO, AMIR M. POREH, Cleveland State University; mcascio@harding.edu

The current study examined the psychometric properties of a new scale entitled the Paranoid Personality Questionnaire, which uses criteria from the DSM-5. The study shows that the new scale has high internal consistency and also correlates highly with existing measures of paranoid ideation.

3 Childhood Physical Abuse and Sociopathy: Is This Link Magnified Among First-Born Children?

ALAN R. KING, University of North Dakota; alan.king@und.edu

Histories of childhood physical abuse and MMPI-2 Psychopathic Deviate scores were examined (N=322) as a function of birth order. A six-fold increase in relative risk of a Psychopathic Deviate elevation (T>70) was found for first-born participants.

4 Reliability of Self-Reported Childhood Trauma in a Psychotic Patient Sample

YANGFEIFEI GAO, SARAH KEEDY, University of Chicago; ygao1@bsd.uchicago.edu

Reliability of the Childhood Trauma Questionnaire was assessed in psychotic patients. Reliability comparable to other patient groups was found (Cronbach's alpha=0.73-0.94). Psychotic patients with PTSD may show poorer reliability for some aspects of trauma, but further study with larger samples is needed.

5 Assessing the Needs of Children to Promote Early Intervention following Sexual Abuse

KELLY COLLINS, MARIA KHAN, MERDIJANA KOVACEVIC, ERIN MASON, LILIA MUCKA, BRITTANY KOHLBERGER, DOUGLAS BARNETT, VALERIE SIMON, Wayne State University;

kellycollins112@gmail.com

Our research team works with the Wayne County Child Advocacy Center (CAC)to investigate the utility of trauma-focused assessments as a bridge to early mental health intervention among families with new cases of child sexual abuse. Findings support the utility of assessments and their integration within the general CAC services.

6 Symbolic Play Deficits in Preschoolers with Developmental Disabilities: Global or Specific

RACHAEL D COOPER, MAIA NOEDER, SUSAN GROSS, LAURA HLAVATY, SANDRA RUSS, BARBARA LEWIS, Case Western Reserve University; MICHAEL MANOS, Cleveland Clinic Foundation; ELIZABETH J SHORT, Case Western Reserve University; rdc55@case.edu

Children with developmental disabilities have been hypothesized to have general symbolic and cognitive deficits. In contrast, we provide evidence for a narrow linguistic deficit for children with SLI, an organizational deficit for children with ADHD, and a global symbolic deficit for children with ASD.

7 Factors Affecting the Accuracy of Diagnosing Preschoolers with Developmental Disorders: The Importance of Knowledge and Experience

KRISTIN HANDE, SUSAN I GROSS, LAURA E HLAVATY, RACHAEL D COOPER, MAIA M NOEDER, ELIZABETH J SHORT,

Case Western Reserve University; keh65@case.edu

Diagnostic precision for categorization of children with ASD, ADHD, and SLI was analyzed in a sample of 90 preschoolers. All raters were better able to differentiate atypical from typical children than to discriminate between specific diagnostic categories. Diagnostic precision was greater in raters with more knowledge and experience.

8 Profiles of Preschoolers with Developmental Disabilities on Diagnostic Assessment Scales

LAURA E. HLAVATY, SUSAN I. GROSS, MAIA M. NOEDER, RACHAEL D. COOPER, ELIZABETH J. SHORT, Case Western Reserve University; leh54@case.edu

Specialized behavioral measures do not accurately differentiate between developmental disorders in preschoolers. Broader measures of executive functioning may be more appropriate for early identification. Results suggest executive functioning measures capture a more comprehensive range of deficits in preschool children with developmental disabilities that are not identified on specialized behavioral measures.

9 Developing an Attention Problems Index for the Personality Assessment Inventory (PAI)

JEFFERY WATSON, LAURA LILJEQUIST, Murray State University; lliljequist@murraystate.edu

Stepwise regression identified six PAI scales responsible for a large proportion of variance (39%) in the CAARS-H index, indicative of ADHD symptomatology. Discriminant function analysis yielded a classification rate of 63%. Clinicians may wish to further examine the possibility of ADHD diagnosis in clients who elevate the scale.

10 Equivalence of the Personality Assessment Inventory (PAI) Short Form to the PAI Full Form

KAITLIN ARNOLD, LAURA LILJEQUIST, Murray State University; lliljequist@murraystate.edu

Examined agreement between the short and full forms of the Personality Assessment Inventory (PAI) when administered on separate occasions. Correlations between the short and full forms ranged from .59 to .86 for clinical scales. 100% of PAI and PAI-SF profiles two-point code-types matched, but only 48.60% had high-point matches.

11 Use of the Mini Mental Status Exam in Psychiatric Inpatients JENNIFER PEUGH, SARAH A LANDSBERGER, KRISTINE M CHAPLEAU, DAVID R DIAZ, Indiana University School of Medicine;

slandsbe@iupui.edu

Investigated the clinical utility of the MMSE to screen for cognitive impairment in psychiatric inpatients. MMSE-1 (brief version) was a better measure of cognitive dysfunction in psychiatric inpatients than the MMSE-1 (standard version) although the primary utility of the MMSE may lay its use as a brief intellectual screen.

12 Symptom Severity of Tourette Syndrome in Relation to the BRIEF DINA M. SCHWAM, TRICIA Z. KING, DAPHNE GREENBERG,

Georgia State University; dschwam1@student.gsu.edu
We studied the relationship between the severity of symptoms associated

with Tourette Syndrome (tics, obsessive-compulsive symptoms, and ADHD symptoms) and the subscales of the BRIEF in a small sample of children with Tourette Syndrome (TS). Our goal was to explore the characteristic profile of executive functioning in this population.

13 Buprenorphine Treatment Retention with Rural Patients JASON SHOREY, KYLE DEXTER, JASON WHIPPLE, University of Alaska Fairbanks; DAVID PRESCOTT, Husson University;

ilshorey@alaska.edu

Buprenorphine maintenance treatment retention has been notoriously low compared to other opioid replacement options. The following study explored the relationship between rural patients and retention rates in buprenorphine maintenance treatment. Results were significant declaring a lower retention rate for individuals living in rural areas compared to a metropolitan area.

14 Attitudes about Responsible Gaming: Preliminary Research Results and Evaluation

JACLYN M.P. PISTORIO, ABIGAIL DAMSKY BROWN, JESSE FLECK, RACHEL RYAN, R. SCOTT WALLER, Adler School of Professional Psychology; jaclynpistorio@gmail.com

This study examined the perceptions and attitudes of Illinois citizens regarding the Illinois Lottery and responsible gaming. This study conducted focus groups across Illinois, and performed individual interviews with addictions counselors and recovering gambling addicts. The Illinois Lottery used the data gathered to best inform their promotion of responsible gaming.

15 Mental Health Providers' Attitude and Judgment toward Alcohol Use Problems

ANGELA KLEMM, CHAD BROWNFIELD, MARILYN FREIMUTH, Fielding Graduate University; chadbrownfield1@gmail.com

This study investigated mental health providers' judgments and attitudes toward substance use issues. Results suggested that in general clinicians were ambivalent about treating substance use problems and that specific personal characteristics influenced their assessment. Implications for improvement of substance use assessment, ethics, education, and training were discussed.

16 Alcohol Use, Criminal Activity, and Romance: An Exploration of the Romantic Relationships of Ex-Offenders with Substance Use EMILY M. MAY, ARIEL G. STONE, LEONARD A. JASON, DePaul University; emay7@depaul.edu

Romantic relationships and abstinence specific support are influential in the reentry and recovery of ex-offenders with substance use. Our study focused on characteristics of romantic relationships in relation to various measures of well-being of ex-offenders with substance use, with particular interest in gender differences. Implications and future directions are discussed.

17 Beyond Inattention and Hyperactivity: ADHD and Affective Impairment

GINA SACCHETTI, BRITTANY LEWNO, University of Northern Iowa; CYNTHIA HARTUNG, University of Wyoming; WILL CANU, Appalachian State University; ELIZABETH LEFLER, University of Northern Iowa; sacchetg@uni.edu

Researchers examined the relationship among ADHD and state and trait anger. Participants from three universities completed self-report measures evaluating symptoms of ADHD and anger experience. Increased numbers of ADHD symptoms was associated with higher levels of state and trait anger, suggesting more widespread impairment related to the disorder.

18 Attention-Deficit Hyperactivity Disorder Symptoms as a Predictive Factor for Borderline Personality Disorder Symptoms

BRITTANY LEWNO, GINA SACCHETTI, University of Northern Iowa; CYNTHIA HARTUNG, University of Wyoming; WILL CANU, Appalachian State University; ELIZABETH LEFLER, University of Northern; lewnob@uni.edu

This study considers a developing theory suggesting that childhood Attention-Deficit Hyperactivity Disorder (ADHD) symptoms may predict adulthood Borderline Personality Disorder (BPD) symptoms (Fossati et al., 2002). Less research considers ADHD symptoms as a predictive factor for Antisocial Personality Disorder (ASPD). This study attempts to assess the interaction of these variables.

19 Personality Traits Predict Reported ADHD Symptoms in College Students

JONATHAN J HAMMERSLEY, BROOKE K RANDAZZO, Western Illinois University; jj-hammersley@wiu.edu

This study examined the associations of self-reported ADHD symptomatology and personality traits as measured by the NEO-FFI and the STPI. Results showed that trait anxiety and agreeableness significantly predicted reported ADHD symptoms, which may have implications for better understanding and treating the disorder.

20 Subclinical ADHD Symptomology and Executive Function: Does Physical Activity Matter?

AYLA MIAN, NICOLE AROLA, AMY BOHNERT, AMANDA WARD, REBECCA SILTON, Loyola University Chicago; amian1@luc.edu
This study examined relations amongst subclinical ADHD symptomology and executive functions (EF), and whether physical activity (PA) moderated this relation. Results demonstrated that sub-clinical levels of ADHD symptomology and particularly hyperactivity symptomology were associated with performance on neuropsychological assessment of EF, but that PA did not moderate this relation.

21 The Early Pathways Program for Young Latino Children in Poverty MICHAEL P. FUNG, Marquette University; michael.fung@marquette.edu A randomized control design with treatment and wait-list conditions was used to evaluate the effects of the Early Pathways in-home parent-child therapy program with 137 at-risk Latino children under the age of five referred for behavior problems. Outcomes revealed improved child behaviors, more appropriate parenting behaviors, and improved parent-child relationships.

22 Predictors of Adolescent Delinquency: Comparing Models and Additive Effects

CARA M. NICHOLSON, STEVEN A. MEYERS, Roosevelt University; smeyers@roosevelt.edu

We tested three different models (i.e., Social Control Theory, General Strain Theory, and a combined model) to better understand predictors of adolescent delinquency. Overall, the SCT, GST, and integrated models used in this study did not significantly predict adolescent delinquency. However, adolescent anger and adolescent depression played a significant role.

23 Cognitive Avoidance within the Context of Urban Stressors
DARRICK SCOTT, SUZANNA SO, NONI GAYLORD-HARDEN,
Loyola University Chicago; d.scott107@yahoo.com
This study examines cognitive and behavioral avoidance separately within a sample of African American youth to determine if one is more strongly

associated with stressor controllability and chronicity over the other and if psychological outcomes vary based on the type of avoidant coping.

24 Barriers to Treatment for Urban Youth with Disruptive Behavior Disorders

LYNDA GIBSON, Illinois Institute of Technology; JALEEL ABDUL-ADIL, University of Illinois at Chicago; ARIEL HORVITZ, CONOR MACGREGOR, Chicago School of Professional Psychology; DAVID FARMER, JR., Northeastern Illinois University; lgibson@psych.uic.edu Chronic life stressors and exposure to community violence were examined as key predictors of a family's ability to enroll and remain in treatment. An evaluation of these barriers to treatment will help clinicians to understand the causes of low enrollment and factors influencing retention among urban children and their families.

25 Prediction of Internalizing and Externalizing Psychopathology in Inner-city Minority Women

JUNE SPROCK, ANTONIO GONZALEZ, Indiana State University; jsprock@indstate.edu

This study examined predictors of internalizing and externalizing disorders in urban minority women. Current internalizing disorder was predicted by childhood/adolescent internalizing disorder, trauma, and physical/emotional abuse. Current externalizing disorder was predicted by childhood/adolescent internalizing and externalizing psychopathology, trauma, and family history of psychiatric problems and substance abuse.

26 Diagnosis of Posttraumatic Stress Disorder and Borderline Personality Disorder

JUNE SPROCK, SARA LACY, Indiana State University; jsprock@indstate.edu

This study examined the role of gender, and the anchoring effect of placement of trauma in a case, on the diagnosis of PTSD and BPD. Gender influenced diagnoses and there was also support for an anchoring effect. VA and private-sector psychologists differed in their diagnosis of PTSD and BPD.

27 Ethnic Identity and Negative Life Events as Predictors of Adjustment

VIVIANA HERNANDEZ, EDWARD C. CHANG, ELIZABETH A. YU, EMMA R. KAHLE, TINA YU, University of Michigan; JAMESON K. HIRSCH, East Tennessee State University; ELIZABETH L. JEGLIC, John Jay College of Criminal Justice; vivianah@umich.edu

This study examined multigroup ethnic identity and negative life events as predictors of depressive symptoms and suicidal behavior in Latino college

students. Results showed that multigroup ethnic identity along with negative life events accounted for significant variance in predicting depressive symptoms and suicidal behaviors in Latinos. Implications are discussed.

28 Predicting Depressive Symptoms: The Role of Subjective and Psychological Well-Being

JOHN P. VAN DUSEN, MOJISOLA F. TIAMIYU, University of Toledo; john.vandusen@rockets.utoledo.edu

We investigated the relationships between depression and the positive psychological constructs of subjective well-being and psychological well-being in a sample of college undergraduate students at a Midwestern university. Results showed that subjective well-being, compared to psychological well-being, is a better predictor of depressive symptoms. Implications of our findings are discussed.

29 Depression in an Aging Rural Population

PENNY KOONTZ, KEITH BEARD, Marshall University;

koontz7@marshall.edu

This study examined the prevalence of depressive symptoms in a rural, senior adult population. Our results demonstrate the need for education among primary care providers of the common symptoms of depression present in senior adults, and of the need to provide routine depression screenings in primary care settings.

30 Patterns of Depression in Israeli Elderly

ERIKA GOBBI, BRITTANY SWANSBORO, ELLEN DAY, MICHELLE CASCIO, AMIR POREH, LISA DOANE, Cleveland State University; e.gobbi@vikes.csuohio.edu

The current study examined data collected in 1998 through 2000 of 199 Israelis who were administrated the 30-item Geriatric Depression Inventory (GDI, Yesavage, 1982). 37 subjects were also administered the 30-item GDI 2 years later. The results show there is a significant correlation between area of migration and depression levels.

31 Interparental Conflict and Depression in Adolescence: Friendship Ouality as Moderator

KATELYNN GOHR, MATTHEW MANLEY, CHONG MAN CHOW, University of Wisconsin Oshkosh; DUANE BUHRMESTER, University of Texas at Dallas: chowc@uwosh.edu

Higher interparental conflict was related to depression in adolescence. Interesting, for adolescents who experienced high parental conflict, they experienced higher levels of depression regardless of friendship closeness. In contrast, for those who experienced low parental conflict, low friendship closeness was a risk factor for higher depression.

32 Perceptions of Community Influence on First Year Students SEAN M. CAMERON, MELISSA A. NEWBERRY, ELIZABETH SCALLY, Southern Illinois University Carbondale; seancameron@siu.edu Peer interaction is suggested to influence perceptions of an individual's social and academic college experiences. First-year residents (N=538)completed a measure examining community influence on perceptions of social and academic benefits. Results suggest students in Living Learning Communities (LLCs) experience enhanced perceptions from peer interactions over students not in LLCs.

33 Dysfunctional Individuation Predicts Depressive Symptoms over Time

CHRISTEN MCDONOUGH, HUILI CHEN, ALEXANDER VEGA, ZIMING YUAN, PAUL C. STEY, DANIEL LAPSLEY, University of Notre Dame;pstey@nd.edu

The longitudinal relationship between dysfunctional individuation and depression was assessed in a sample of 345 (175 female, M age = 19.8, SD age = 1.29) undergraduates. Dysfunctional individuation was measured using the new 10-item Dysfunctional Individuation Scale. Results demonstrate that dysfunctional individuation is uniquely predictive of change in depressive symptoms over time.

34 Trauma and Coping Self-Efficacy Predict Depression and Anxiety in Adolescent Girls

YVONNE DELZENERO, ELIZABETH CALE, Palo Alto University; PAVITA SINGH, Yale University; HEIDI ROLFSON, Notre Dame High School; CHRISTINE RABA, Palo Alto University; JENNIFER KELLER, Stanford University; ydelzenero@paloaltou.edu We developed and implemented a life skills and physical empowerment

we developed and implemented a life skills and physical empowerment class at an all-girls high school in California. The present project examined the relationship at baseline between trauma, mood symptoms and self-efficacy for female adolescents. Results indicated that childhood trauma and perceived coping self-efficacy predicted levels of depression and anxiety.

35 Biases for Body Shape-Related Images in Eating Disorders ASHI FIGH A PONA University of Missouri Kansas City: DENI

ASHLEIGH A. PONA, University of Missouri Kansas City; DENISE D. BEN-PORATH, ANGELA C. JONES, TRACY L. MASTERSON, John Carroll University; aap9q7@mail.umkc.edu

The present study investigated attentional and memorial biases towards body shape-related stimulus pictures among female patients with clinical eating disorders and healthy female controls. Results indicate that eating disorder patients demonstrate attentional and memorial biases for body shape-related stimuli compared with non-disordered females.

36 Symptoms of Psychopathology in Disordered Eating and Dietary Restraint

GARRETT POLLERT, JENNIFER VEILLEUX, University of Arkansas; gpollert@email.uark.edu

This study compared psychopathology symptoms (depression, anxiety, stress, anhedonia) in disordered, restrained, and unrestrained eating groups using ANCOVA analyses. Greater symptoms were reported in disordered than restrained eaters, who had more symptoms than unrestrained eaters. Results indicate a larger symptom discrepancy between unrestrained and restrained eating groups than previously thought.

37 Maternal Pressure for Thinness and Daughters' Dieting: Does Weight-Status Matter?⁵

REBECCA A. MORRISSEY, DAWN M. GONDOLI, ALEXANDRA F. CORNING, ERIN E. HILLARD, University of Notre Dame; rmorriss@nd.edu

This study examined mother-daughter weight-status difference as a moderator of the relationship between maternal pressure for thinness and adolescent daughters' dieting. We found that girls who have mothers of a different, higher weight status are more likely to diet if they feel pressured by mothers to be thin.

38 Whose Self-Directed Fat Talk Do We Believe Most?

ALEXANDRA F. CORNING, University of Notre Dame; MICHAELA M. BUCCHIANERI, University of Minnesota; TAYLOR A. GRANTHAM, University of Notre Dame; mbucchia@umn.edu

To what extent do we believe a woman really means it when she denigrates her body, i.e., when she fat talks? Our reactions depend on her body type. Our experiment's results show that thin women's fat talk is not seen as reflecting how they see themselves, but overweight women's

39 Body Dissatisfaction Mediates Relation between Thin-Ideal Internalization and Dieting in Mid-life Women

ALEXANDRA THIEL, ALEXANDRA F. CORNING, DAWN M. GONDOLI, REBECCA A. MORRISSEY, University of Notre Dame; acorning@nd.edu

The Dual Pathway Model of bulimia, tested extensively with young women, has not been tested in mid-life women, although eating disorders in this group are increasing. We tested the validity of a specific, mediational path

⁵ Graduate student paper award winner.

in a sample of mid-life women and found strong support for its applicability.

40 Mothers' Discussions of Own Weight Predicts Young Adolescent Daughters' Engagement in Restrictive Eating

AMANDA B. BRUENING, ALEXANDRA F. CORNING, DAWN M. GONDOLI, REBECCA A. MORRISSEY, University of Notre Dame; acorning@nd.edu

Engagement in dieting often precedes more severe eating-disordered behavior. Little is known, however, about restrictive eating in young adolescent (i.e., middle-school) girls. This study revealed that mothers' discussions of their own weight predicted their daughters' restrictive eating behavior, over and above the girls' own BMIs and body dissatisfaction levels.

41 Stigma in Clinical Psychology Trainees Regarding Weight and Eating Disorders

JEANNA A. STOKES, KRISTINA M. PECORA, MEGHAN L. ROEKLE, The Chicago School of Professional Psychology; jas3464@ego.thechicagoschool.edu

Stigma for disorders of eating and weight and potentially mediating personal attributes were assessed in 112 doctoral-level psychology students. Results highlight the problematic nature of stigma and impairment in psychology trainees and the need for changes to training curriculums to ameliorate stigma and impairment in graduate students.

42 A Decision-Making Assessment of Women with Bulimia and Binge-Eating Disorder

ERIN MURTHA-BERG, THOMAS PETROS, University of North Dakota; erin.murtha@my.und.edu

This study assessed decision making in college women with bulimia and binge-eating disorder compared to each other and to controls. Despite significant between-group differences on executive function, impulsivity-related personality traits, obsessive-compulsive symptoms, depression and other anxiety symptoms, no significant between-group differences were identified on measures of decision making.

43 Food Preferences: Decision Coherence, Compensatory Health Beliefs, Behaviors and Choice

BETHANY D. LAVINS, Ohio University; JUSTIN WEINHARDT, University of Calgary; CLAUDIA GONZÁLEZ-VALLEJO, Ohio University; bl872911@ohio.edu

Nutritional labeling has proliferated in food establishments; however, results concerning its benefits remain inconclusive. Research suggests

exercise information may increase healthy choices. Providing walking time to burn off an item's calories did not improve choice. A model could predict consumption based on compensatory health beliefs, overconfidence, health behaviors and BMI.

44 Explicit and Implicit Obesity Attitudes and Body Image KELSEY CHAPMAN, PENNY KOONTZ, APRIL FUGETT, Marshall

University; chapman237@marshall.edu

In U.S. culture, and in other industrialized cultures, obesity is often associated with myriad negative stereotypes and beliefs. Two studies were conducted to examine the impact that these anti-obesity beliefs, both explicit and implicit, have on body image in people of various weights.

45 Acquired Capability for Suicide Moderates the Relationship between Stoicism and Over-exercise

AIMEE YEAGER, APRIL SMITH, DORIAN DODD, Miami University; yeagerae@miamioh.edu

Participants (n = 74) completed two assessments 31 days apart. We found that as acquired capability for suicide (ACS) increased, the positive association between ACS and increases in over-exercise became more pronounced. ACS moderated the relationship between stoicism and over-exercise; high ACS in combination with stoicism predicted increases in over-exercise.

46 Development and Initial Validation of a Dyslexia-Specific Symptom Validity Test for College Students

ELIZABETH N. IRELAND, MIA L. BLOOMFIELD, ROBERT WEIS, Denison University; weisr@denison.edu

College students with learning disabilities often receive instructional and test accommodations. Recent evidence indicates that some students may feign dyslexia to obtain access to these accommodations. The Dyslexia Symptom Validity Test (DSVT) is a brief reading fluency test that differentiates students with dyslexia, students without dyslexia, and students feigning dyslexia.

47 Differential Effects of Desensitization and Expressive Writing on Test Anxiety

MARGARET D. KASIMATIS, KATHRYN RHEINGRUBER, BRITTANY BRUINS, JACLYN HUNT, Carroll University; mkasim@carrollu.edu

This study examined the comparative efficacy of two types of intervention for test anxiety: expressive writing and systematic desensitization. One hundred two self-referred students participated in four-week workshops. Thirty-two were initially in a waitlist control group. Analyses showed only

participants in the desensitization intervention showed significant reductions in test anxiety.

48 The Relationship between Academic Achievement and Substance Abuse

CHRISTINE M. PEREZ, University of Puerto Rico, GERALD J. JONES, STEWART EHLY, University of Iowa; stewart-ehly@uiowa.edu
The study investigated relationships between substance abuse and academic achievement of US adolescents. Data were drawn from the 2009 Youth Risk Behavior Surveillance System. Results indicated increased levels of substance abuse were related to decreases in academic performance. The study underlines the need for identification of substance use among adolescents.

49 The Relationship between Phonological Awareness and Perceived Emotional Functioning

ILANA REIFE, CHRISTINA ROBERTS, Illinois Institute of Technology; GREGORY STASI, North Shore Pediatric Therapy; ROBERT SCHLESER, Illinois Institute of Technology; igr211@gmail.com Phonological awareness has been shown to strongly relate to later literacy skills and, in turn, reading academic achievement. (Carroll and Snowling, 2004; Gillon, 2000). Research has indicated contradictory findings in the relationship between internalizing disorders and reading disabilities. This study provides evidence for a relationship between phonological awareness and depression.

50 Attachment Styles and Child Feeding Practices in Predicting Emotional Eating

HILLARY DEBBOUT, CRYSTAL PLUMB, SHELBY KELSO, MOLLY KAPRELIAN, CIN CIN TAN, University of Wisconsin Oshkosh; tanc@uwosh.edu

This study examined whether attachment styles or controlling feeding practices is more predictive of emotional eating. Findings indicated that controlling feeding practices predicted emotional eating, above and beyond attachment styles. Specifically, pressuring children to eat was associated with greater emotional eating in adulthood.

51 Marital Conflict and Child Emotional Eating: Child Anxiety as a Mediator

SHUANG BI, JOSEPH GOODMAN, ALLISON PERKINS, REBECCA F. VANMETER, PEGGY S. KELLER, University of Kentucky; bishuang0927@gmail.com

We tested the relation between marital conflict and child emotional eating with child anxiety as a mediator. 95 children reported their perceived

conflicts between parents, anxiety and emotional eating. Marital conflict and child perceived threat in interparental conflicts were associated with child emotional eating. These associations were mediated by anxiety.

52 The Relationship between Children's Depression, Anxiety and Parasympathetic Functioning

ERIC A. HAAK, OLIVIA SMITH, COREY SHELDON, JOSEPH GOODMAN, PEGGY S. KELLER, University of Kentucky; ehaak26@gmail.com

The current study examines the relationship between children's parasympathetic functioning, anxiety, and depression using multilevel modeling. Children (N=96) aged 6-12 completed a laboratory stress task and parents reported on child anxiety and depression. On average, children showed vagal withdrawal in response to the stress task, with support for curvilinear trajectories.

53 The Mother Daughter Project: Innovative Prevention for Depression in Women

CHARLYNN A ODAHL, ELIZABETH HEIDE, KATHRYN E. GRANT, DePaul University; KATHRYN E. KEENAN, University of Chicago; codahl@depaul.edu

The Mother Daughter Project is an innovative community-based approach to prevention of depression in low-income preadolescent African American girls, involving mothers as intervention collaborators. Qualitative findings indicate that this intervention may help overcome some of the barriers to treatment seen by other mental service models working with this population.

54 The Role of Emotion Regulation in Sleep Difficulties

BRIAN DUXBURY, ALYSSA SCHMIDT, TESSA VAN ENGEN, CASEY D. TRAINOR, Augustana College; casey.trainor@augie.edu Despite increased attention dedicated to emotion regulation in psychopathology, links between emotion regulation and sleep remain understudied. This study examined the relationship between emotion dysregulation and sleep difficulties. Deficits in emotion regulation predicted poorer sleep. Furthermore, pre-sleep arousal was found to mediate the relationship between emotion dysregulation and sleep problems.

55 The Impact of Different Types of Invalidation on Discrete Emotions NANCY OLSON, PHAN Y. HONG, DAVID A. LISHNER, EMILY VOGELS, SHELBY KELSO, University of Wisconsin Oshkosh; hongp@uwosh.edu

The experimental study examined the impact of invalidation on discrete emotions. Trivializing invalidation resulted in more anger. Inconsistent

invalidation resulted in more anxiety. There was no difference between the two invalidation conditions on happiness, sadness, or guilt. Validation resulted in more positive affect (happiness) and less negative affect (anger, sadness).

56 Relationship between Mental Health, Recovery, Empowerment and Employment among Veterans

BETHANY C. APA, JONATHON E. LARSON, JORDAN D. WHEELER, Illinois Institute of Technology; bapa@hawk.iit.edu

We investigated the relationship between mental health and recovery, empowerment, employment, and income among veterans and their families utilizing a peer-guided program. Unemployment, lower income, and interest in mental health services were associated with negative outcomes including diminished life function, worse emotional state, feelings of powerlessness, and poorer overall health.

57 Psychological Clinical Science Accreditation System: Training Outcomes of Member Programs

YEVGENY BOTANOV, University of Kansas; ybotanov@ku.edu The Psychological Clinical Science Accreditation System (PCSAS), whose goal is to advance public health via promotion of science-centered education/training in clinical psychology, was recently recognized by the federal government. This is the first comparative analysis utilizing PCSAS-accredited programs. Results indicate superior clinically-relevant outcomes for trainees of PCSAS member programs.

58 Assessing Ethical Decision-Making in Clinical Practice

SARA HARRIS, Marquette University; TAIT SZABO, University of Wisconsin; sara.harris@mu.edu

Few instruments on professional ethical boundaries in the practitioner-client relationship have been validated. Results from the current study provide further psychometric support for the use of the ethical decision-making scale to access professional ethical decision-making among graduate students in the mental health field.

59 Jobs Demands and Resources as Predictors of Emotional Exhaustion and Depersonalization among Professional Psychologists

ALISHA O MILLER, KATHERINE E DOROCIAK, PATRICIA A RUPERT, SEAN BARRETT, KATIE MURPHY, TOAN TRAN, Loyola University Chicago; aoschar@luc.edu

This study examined job demands and resources as predictors of emotional exhaustion (EE) and depersonalization (DP) among professional psychologists. Challenging client behaviors and percentage of Axis II

clients predicted increased DP whereas control predicted decreased DP over time. Support buffered the impact of % Axis II clients on EE.

60 Predicting Positive Student Outcome in Assessment Supervision SEEMA D. SAIGAL, MARLA VANNUCCI, LAUREN M. NICHOLS, DOUGLAS M. WHITESIDE, SASHA A. HILEMAN, The Adler School of Professional Psychology; afinis@my.adler.edu

Clinical supervision is of paramount importance in training psychologists. This study examines the student variables most predictive of outcome in assessment supervision. Results suggest that skills related to the synthesis and integration of information, such as the oral exam, diagnosis, and case formulation, are most predictive of positive student outcome.

61 Mental Health Literacy among College Students

JAMIE L. SERRANO, LAURA E. BOOVA, JILL M. BRIODY, University of Notre Dame; jhaynes3@nd.edu

The purpose of this study was to assess mental health literacy among college students, including disorder recognition, attitudes towards treatments, help-seeking attitudes, and perceived barriers to help-seeking. Results suggest a need to increase mental health literacy, including providing psychoeducation about certain disorders and addressing stigmarelated barriers to help-seeking.

62 An Analysis of Social Behaviors in Stressful Situations Using Q-Sort DIANE B. V. BONFIGLIO, LACIE BRAY-AKERS, SHELBY GAYDOSH, DYLAN PELHAM, MORGAN PHILLIPS, Ashland University; dbonfigl@ashland.edu

Humans may respond to stressful situations by engaging in certain social behaviors aimed at minimizing the effects of stress. We examined these behaviors using two standardized Q-sort assessments. Our data suggest that males and females differ with respect to the behaviors they exhibit during stress.

63 No Means No: Voicing Non-Consent Contributes to Rape-Related Psychological Distress

NATALIE K. COOK, TERRI L. MESSMAN-MOORE, JULIA KAPLINSKA, Miami University; cooknk@miamioh.edu
This study focused on whether voicing non-consent (telling the perpetrator to stop) was related to rape characteristics among 592 college women. Rape victims who voiced non-consent reported significantly higher perpetrator force, verbal coercion, and greater resistance, as well as greater perpetrator blame, depression, PTSD, and negative beliefs regarding recovery.

64 Positive Relational Centrality: Examination of a Modified Centrality Measure

JARED BERNARD, AMANDA PALO, CHRISTINE BREAZEALE, BENJAMIN F. RODRIGUEZ, Southern Illinois University Carbondale; jbernard@siu.edu

Event centrality (e.g., Berntsen & Rubin, 2006) represents the extent to which a specific event becomes central to identity. The majority of literature examines positive event centrality, but the current study examined the component structure of a modified centrality measure assessing centrality of positive relationships. Findings and implications are discussed.

65 Positive Relational Centrality and Positive Event Centrality: A Preliminary Comparison

JARED BERNARD, CHRISTINE BREAZEALE, BENJAMIN F. RODRIGUEZ, Southern Illinois University Carbondale; jbernard@siu.edu The majority of centrality literature (e.g., personal importance of specific memories ascribed to personal identity) focuses on discrete positive events. The current study directly compared the predictive power of Berntsen and Rubin's (2006) centrality of positive event scale to a modified centrality measure assessing the centrality of positive relationships.

66 A Preliminary Examination of the Centrality of Negative Social Relationships

JARED BERNARD, CHRISTINE BREAZEALE, AMANDA PALO, BENJAMIN F. RODRIGUEZ, Southern Illinois University Carbondale; jbernard@siu.edu

Negative event centrality, the extent to which traumatic events become central to individual identity, serves as a valuable method to assess meaning of trauma. However, the majority of this literature focuses on discrete events. The current project extends the centrality construct through assessing centrality of negative social relationships.

67 Impact of Trauma History on Duty-Related Distress and Mental Health in 9-1-1 Telecommunicators

ALISON KRAUSS, CHRISTY ALLEN, MICHELLE M LILLY, Northern Illinois University; michelle.m.lilly@gmail.com

This study examines how a history of exposure to family violence and sexual assault impact peritraumatic reactions to upsetting calls in 9-1-1 telecommunicators. Personal exposure to trauma was significantly associated with greater duty-related peritraumatic distress and dissociation, the latter of which was significantly associated with symptoms of PTSD and depression.

68 Emotional Processing and PTSD among 9-1-1 Telecommunicators MARY BAGGIO, CHRISTY ALLEN, MICHELLE LILLY, Northern

Illinois University; michelle.m.lilly@gmail.com

Those who work in the 9-1-1 telecommunication field have shown heightened risk for Posttraumatic Stress Disorder (PTSD). This study examines the role of emotion-focused coping in predicting PTSD symptoms. Results revealed that while emotion-focused coping is positively associated with PTSD symptoms, this relationship is moderated by participants' emotion regulation capacity.

69 Experiential Avoidance and Somatization: Avoidance Coping as a Mediator

CHRISTY ALLEN, ALISON KRAUSS, MARY BAGGIO, MICHELLE M LILLY, Northern Illinois University; michelle.m.lilly@gmail.com This study examined the relationship between experiential avoidance (EA), somatization, and avoidance coping in 9-1-1 telecommunicators. A significant negative relationship was found between EA and somatization. Bootstrapping analyses indicated a significant indirect effect of EA on somatization via avoidance coping. Future research directions and clinical implications are discussed.

70 Beyond "Sticks and Stones": Psychological Trauma Predicts Posttraumatic Stress Symptoms

WHITNEY K. JETER, LAURA A. BRANNON, Kansas State University; wjeter@ksu.edu

To date, limited empirical research has been presented regarding psychological trauma and subsequent posttraumatic stress (PTS) symptom development. The current study addresses this by presenting structural equation modeling results depicting the influence of psychological trauma on PTS symptoms in women. Contributions of these findings and future research are discussed.

71 PTSD Symptoms Mediate Academic Stress and Drinking to Cope ERIN O. WOOLMAN, MADELYN M. BECKER, ROBIN L. STROMINGER, ELIZABETH J. HALL, ALICIA K. KLANECKY, Creighton University; aliciaklanecky@creighton.edu Representing a replication and extension of previous research, results from the current study indicated that posttraumatic stress symptoms fully mediated the relationship between academic stress and drinking to cope in a college student sample. Findings expand on mechanisms to problematic drinking and opportunities for brief intervention.

72 The Experience of Distress Following Sexual Assault Disclosure: Disclosure Recipients' Perspectives

JENNIFER MILLIKEN, JEMI HASULUBE, ABIGAIL PORTER, SAPIR SASSON, LISA PAUL, Northern Illinois University;

jmilliken88@gmail.com

Female undergraduates in this study reported a range of distress related to the receipt of a sexual assault disclosure. Distress was predicted by relationship closeness, changes in the relationship to the victim, and perceived confusion about how to best help the victim. Implications for assisting victims and recipients are discussed.

73 Predicting Relationship Changes Between the Victim and Recipient Following a Sexual Assault Disclosure

JENNIFER MILLIKEN, ABIGAIL PORTER, JEMI HASULUBE, SAPIR SASSON, LISA PAUL, Northern Illinois University; imilliken88@gmail.com

Female undergraduates disclosure recipients in this study reported both positive and negative cognitive and behavioral changes in their relationship with the disclosing victim. Positive changes were predicted by closeness to the victim and negative changes were predicted by perceived victim responsibility and ineffectiveness of one's assistance. Implications are discussed.

74 Differential Psychological and Neuropsychological Functioning By Types of Trauma Exposure

ARJUN BHALLA, SCOTT HANNEMAN, NADIA AL-TABAA, JORDAN MCDONALD, ROBERT DURHAM, University of Colorado Colorado Springs; abhalla@uccs.edu

Researchers observed childhood experiences and current psychological and neuropsychological functioning. Participants were categorized by type of trauma exposure using Criterion A of PTSD in the DSM-5. (directly experienced, witnessed happening to others, learned of, and multiple trauma). Results showed significant differences in neuropsychological functioning according to type of trauma exposure.

75 Revictimization of Sexual Assault Survivors and Sexual Orientation RANNVEIG SIGURVINSDOTTIR, SARAH E. ULLMAN, University of Illinois at Chicago; rsigur2@uic.edu

Lesbian and bisexual women experience greater sexual assault risk than heterosexual women, possibly because of sexual minority stress. We examine the relationships between repeated sexual assault, alcohol and substance abuse and sexual risk behaviors. Non-heterosexual women are more likely to be revictimized, show sexual risk behaviors, abuse alcohol and drugs.

76 Internalizing and Externalizing Symptoms in Latino Youth Facing Economic Stress

CHRISTINE A WEINGARTEN, DONNA M. FLORES, ANNA M. ROS, ANNE K. FULLER, STEPHANIE K. BREWER, CATHERINE DECARLO SANTIAGO, Loyola University Chicago;

caweingarten@gmail.com

Latino youth are a growing demographic with higher incidence of mental health problems compared with non-Latino youth. This study found that students with more severe somatic symptoms reported higher levels of family economic stress. This supports past research that somatization of stress is more common in Latino populations.

77 Effects of Stress and Psychopathy on the Fading Affect Bias RODNEY J. VOGL, STEPHEN SCHENCK, Christian Brothers University; W. RICHARD WALKER, Winston-Salem State University; rvogl@cbu.edu

Participants (52 males; 64 females) completed the Depression, Anxiety, and Stress Scale, Self-Report Psychopathy Scale, and recorded 10 event memories from the past 12 months. The negative emotions associated with events faded more quickly than the positive emotions (the FAB occurred). Stress weakened the FAB but psychopathy had no effect.

78 Family Environment, Social Support, and Suicide Knowledge: Predicting Suicide Ideation

NICOLE HARRIS CHESTNUT, KEITH T. JONES, Central College; joneskt@central.edu

Both socio-emotional variables and practical knowledge were examined as predictors of suicide ideation. Conflict with one's father positively predicted suicide ideation, while greater involvement by one's father was a negative predictor. Positive regard for one's mother negatively predicted suicide ideation. Knowledge of suicide facts was not related to ideation.

79 Attachment and Coping of Wives of Deployed Soldiers MELISSA S. ATKINS, APRIL FUGETT, MARC A. LINDBERG,

Marshall University; stinson8@marshall.edu

This study examined the relationship between spousal attachments and coping patterns of wives of deployed soldiers. Participants completed the ACIQ measure of attachment, as well as other scales of coping and wellbeing. Results indicate strong correlations between attachment patterns and wives' coping and well-being. Implications for military wives are addressed.

80 The Lived Experiences of Mothers' Childhood Trauma and Parenting

SWATI SHARMA, Chicago School of Professional Psychology; sxs0866@ego.thechicagoschool.edu

Mothers who experienced childhood trauma were interviewed to understand the effects of maternal childhood trauma on parenting. Results showed that mothers were intentional about stopping the cycle of trauma with their children. Many felt a need to love and protect their children, which also helped heal their inner selves.

81 Self-Esteem: Relationships to Mood in Caregivers of Children with Autism

SAMANTHA L. DEDIOS-STERN, EUN-JEONG LEE, LAUREN RUBEN, MALIK ALIM, Illinois Institute of Technology; GLORIA K. LEE, University at Buffalo; sdedios@hawk.iit.edu

The purpose of this study was to investigate caregiver self-esteem as a predictor of distress and mood outcomes for parental caregivers of a child with an Autism Spectrum Disorder (ASD). The results supported caregiver self-esteem as a mediator and moderator for caregiver anxiety, but only a mediator for caregiver depression.

82 Survivors of Torture, Mental Health, and the Role of Activism EMILY M. BRAY, DINA BIRMAN, University of Illinois at Chicago; EVA KEATLEY, University of Windsor; ANDREW RASMUSSEN, Fordham University; ebray3@uic.edu

Pre-trauma participation in activism may help buffer the psychological effect of torture. Research with survivors of torture supported this hypothesis and examined activism as a potential moderator of the psychological impact of sexual abuse. Results demonstrated a significant relationship between activism and fewer symptoms of PTSD.

83 A Social Justice Peer Mentoring Program for HBCU Doctoral Students

JACQUELINE NEWMAN, AMY B. BERMAN, TERESA YOUNG, Tennessee State University;

jacqueline.a.newman@gmail.com

The present study examines a pilot peer-mentoring program established at an HBCU to promote the counseling psychology field's intention to incorporate social justice training into graduate training for psychology doctoral students. Thematic analysis of baseline qualitative data and a one-way ANOVA of quantitative data are presented.

84 Effects of Behavioral Activation in a Homeless Shelter for Men ROGER N. REEB, CHRISTINE FARMER, ZACH GLENDENING, REBECCA KINSEY, GREG ELVERS, THOMAS FARNSWORTH,

JESSALYN CROSSMAN, University of Dayton; JENNIFER ANDREWS, St. Vincent de Paul; rreeb1@udayton.edu

This ongoing research examines short-term and long-term efficacy of a Behavioral Activation Program in a Homeless Shelter. The research, which is guided by systems (ecological) theory, employs the participatory community action research strategy and the pedagogical technique of service-learning. Benefits to homeless individuals and students implementing the project are presented.

85 The Cities Project: Examining the Role of Mentors in Youth Academic Achievement

SARITHA TERALANDUR, JARRETT LEWIS, ALFONSO FLOYD, TREY DELLUCCI, REBECCA ADAMCHECK, ELIZABETH KNOWLTON, KATHRYN E. GRANT, DePaul University; steralan@depaul.edu

The "Cities Project" is a longitudinal study that examines issues pertaining to at-risk youth. The present study examined the role of mentors on youth academic achievement over four grading periods. An improvement in math grades was seen F(4,29)=7.50, p<.05, suggesting that mentors are beneficial for youth academic achievement.

86 The Role of Meaning in Protecting Adolescents Against Psychopathology

ELLEN DULANEY, KATHRYN GRANT, VERENA GRAUPMANN, DePaul University; EMMA ADAM, Northwestern University; edulaney@depaul.edu

A survey of 201 adolescents revealed that increases in sense of purpose predicted a weakening of the positive relationship between negative life events and depressive symptoms. Given these results, it is suggested that meaning in life may protect this age group against threats to well-being.

87 Academic Stress in Low Income African American Urban Youth: Understanding The Role of Adaptive Learning

DEVI JAYAN, AUBREY HARRISON, CHARLENE MYERS-SPONHOLTZ, JARRETT LEWIS, KATHRYN GRANT, DePaul University; aharri31@depaul.edu

The present study aims to examine the effects of adaptive learning on academic stress and determine if gender moderates this relation. Simple regression analysis suggests that higher levels of average adaptive learning (M=3.46, SD=1.41) predict lower levels of average academic stress (M=1.77, SD=0.63).

88 Role-related Stress Experienced by Academic Librarians ELLEN SHUPE, Grand Valley State University; shupee@gvsu.edu

An online survey was conducted to examine the consequences of role ambiguity and role overload in a sample of academic librarians. As predicted, results suggested the librarians experienced high levels of the role stressors, and the stressors were related to a host of negative work-related, psychological, and health-related outcomes.

PERSONALITY & INDIVIDUAL DIFFERENCES

Saturday, 10:45AM-12:20PM Salon 3 Moderator: JOAN R. POULSEN, Indiana University-Purdue University Columbus

10:45 Perceptions of People and Things: Individual Differences in Image Viewing

MIRANDA M MCINTYRE, WILLIAM G GRAZIANO, Purdue University; mcintym@purdue.edu

Individuals attend and respond differently to their social and physical environments, but little is known about the cognitive processes that govern these variations. The current study demonstrated that perceptions of images' valence and arousal are mediated by interest. Theoretical claims underlying Person and Thing Orientations are supported by these findings.

11:00 Can Personality Change?: Divergent Validity for Frequency-Based Measurement of Intraindividual Variability

CAROL TWETEN, SUNDE M. NESBIT, University of Northern Iowa; twetenc@uni.edu

This study examined the divergent validity of frequency-based measurement, a recently adopted method of detecting intraindividual variability in personality, by comparing it to self-monitoring and self-concept clarity. While positive correlations were found, small effect sizes indicate that within-person variability, measured by frequency-based measurement, is a unique construct from these variables.

11:15 Are Attributionally Complex Individuals More Prone to Attributional Bias?

DANIEL R. STALDER, University of Wisconsin Whitewater; stalderd@uww.edu

This presentation reviews research on attributional complexity and bias, identifying contradictory findings and confusions, and providing reanalyses and a meta-analysis. Despite a reputation for being socially wise, attributionally complex individuals appear somewhat more prone to the

fundamental attribution error, more prone to self-serving biases, but less prone to intergroup biases.

11:30 Ostracism as a Cause and Consequence of Low Agreeableness ANDREW H. HALES, MATTHEW P. KASSNER, KIPLING D. WILLIAMS, WILLIAM G. GRAZIANO, Purdue University; ahales@purdue.edu

Characteristics of chronically ostracized people have been understudied. We hypothesized that ostracism and agreeableness are mutually causally related; being disagreeable provokes ostracism, and being ostracized induces a state of low agreeableness. Observers were more willing to ostracize a disagreeable target. Experiencing ostracism decreased self-ratings of state agreeableness.

11:45 The Role of Agreeableness in Interpretation of Relational Conflict

SARA E. BRANCH, MATTHEW P KASSNER, WILLIAM G. GRAZIANO, Purdue University; mkassner@psych.purdue.edu We examined agreeableness as a predictor of interpretation and perception of relational conflict. In two studies, we find that agreeableness is unrelated to perceived conflict severity. In both studies, agreeableness was associated with the interpretation of conflict as less threatening to the relationship, but only when the conflict was minor.

12:00 The Mnemonic Muse: Nostalgia Fosters Creativity through Openness to Experience

WIJNAND A. P. VAN TILBURG, TIM WILDSCHUT, CONSTANTINE SEDIKIDES, University of Southampton; wavt1r12@soton.ac.uk Experiments indicated that nostalgia, compared to control, sparked creative prose (Experiment 1a and 1b) and increased openness to experience (Experiment 2). Openness to experience mediated nostalgia's effect on creativity (Experiment 3). The findings showcase nostalgia's relevance for the present and future, and establish nostalgia as a force of creative endeavors.



APA Distinguished Scientist Lecture

DIVERSITY MATTERS: CROSS-ETHNIC FRIENDSHIPS IN URBAN MIDDLE SCHOOLS

SANDRA GRAHAM, University of California Los Angeles shgraham@ucla.edu

Friendships serve important functions during adolescence. I describe a program of research emphasizing the importance of cross-ethnic friendships. Evidence is presented that in diverse schools, cross-ethnic friendships promote better intergroup attitudes and protect against feelings of vulnerability. The unique role of biracial youth in promoting cross-ethnic friendships is also considered.

Dr. Graham's address is sponsored by the Science Directorate of the American Psychological Association. MPA is grateful for the ongoing support of the APA.

Saturday, 12:30-1:50PM Wabash

Moderator: MARGO J. MONTEITH, Purdue University

ATTITUDES & PERSUASION

Saturday, 12:30-2:20PM Crystal

Moderator: DUANE T. WEGENER, Ohio State University

12:30 Invited Talk

Individual Differences in Confidence: Implications for Attitudes and Persuasion

KENNETH G. DEMARREE, University at Buffalo, SUNY; kgdemarr@buffalo.edu

People who are confident in one attitude, belief, or thought tend to be confident in other mental contents. I document the presence of these individual differences and show that they extend to a wide range of mental contents. This self-confidence predicts processes related to both attitude strength and attitude change.

1:00 Attitude Change over Time: The Role of Ambivalence and Certainty

ANDREW LUTTRELL, RICHARD E. PETTY, Ohio State University; PABLO BRIÑOL, Universidad Autónoma de Madrid; luttrell.19@osu.edu Two studies showed that ambivalent attitudes were less stable over time compared to more univalent attitudes, but this was particularly the case when the attitudes were held with confidence. The interaction of ambivalence and certainty on attitude stability was found for both political and health-relevant topics.

1:15 Patterns of Mixed-Valence Information during Attitude Formation: Implications for Ambivalence

LUCAS D HINSENKAMP, GEOFFREY RO DURSO, Ohio State University; PABLO BRIÑOL, Universidad Autónoma de Madrid; RICHARD E PETTY, Ohio State University; hinsenkamp.1@osu.edu Subjective ambivalence has been shown to decrease when an expectation for mixed-valence information is established prior to information presentation. The current research demonstrates that expectations for (and subjective ambivalence toward) mixed-valence reactions can be influenced during online processing merely by altering the pattern in which mixed-valence information is presented.

1:30 Multiple Roles for Attitudes under Low and High Elaboration JEREMY D. GRETTON, The Ohio State University; J. SHELLY PAIK, Queen's University; VANESSA SAWICKI, Ohio State University; LEANDRE R. FABRIGAR, Queen's University; DUANE T. WEGENER, RICHARD E. PETTY, Ohio State University; JOSEPH R. PRIESTER, University of Southern California; jeremygretton@gmail.com Amount of elaboration determines the role pre-message attitudes play in determining post-message attitudes. Pre-message attitudes serve more as direct cues to message acceptance/rejection when elaboration likelihood is low rather than high, but the effect of pre-message attitudes is mediated by issue-relevant thoughts when elaboration is high rather than low.

1:45 Using Amazon.com Reviews to Assess the Effects of Attitude Emotionality

MATTHEW D ROCKLAGE, RUSSELL H FAZIO, Ohio State University; rocklage.1@osu.edu

Using a large database of Amazon.com reviews, we examined the effects of emotionality on product ratings. The implied emotionality of the adjectives individuals used predicted their summary ratings as well as how they resolved any ambivalence toward these products. These results held above-and-beyond the extremity implied by their adjective usage.

2:00 The Impact of Audience Non-verbal Reactions on Persuasion ABIGAIL T. EVANS, JASON K. CLARK, University of Iowa; abigail-evans@uiowa.edu

The current research investigates the impact of observed audience non-verbal reactions on message-based persuasion. Results suggest that when people are not motivated to carefully scrutinize information, they report more positive attitudes after viewing an audience which appears to agree rather than disagree with the tenets of a persuasive message.

ADDICTION AND SUBSTANCE ABUSE: MOTIVATIONS, COPING, & INTERVENTIONS

Saturday, 12:30-2:20PM Salon 1 Moderator: MARIE NEBEL-SCHWALM, Illinois Wesleyan University

12:30 Invited Talk

Multidisciplinary Evidence for the Role of Emotion-based Impulsivity for Problematic Alcohol Use

MELISSA A. CYDERS, Indiana University-Purdue University Indianapolis; mcyders@iupui.edu

Negative and positive urgency (tendencies to act impulsively during extreme negative and positive emotions) impart risk for problematic addictive behaviors. Data across cross-sectional, longitudinal, and experimental designs, from multiple perspectives, including fMRI, eyetracking, ad lib alcohol self-administration, and genetic analysis, support a theory of how emotions and impulsivity increase risk.

1:00 College Student Preferences for Personalized Alcohol Feedback Interventions

MARK M. SILVESTRI, LEON H. BUTLER, CHRISTOPHER J. CORREIA, Auburn University; mms0016@auburn.edu

The current study examined college student perceptions of personalized feedback interventions for alcohol use. The findings suggest that college students prefer certain feedback components (e.g., money spent on alcohol) to others (e.g., personal negative consequences). Order effects revealed a trend towards greater satisfaction over the course of the intervention.

1:15 College Students' Motivations to Consume Alcohol HILLARY STINTSMAN, ASHLEY SCOLARO, Central College; scolaroa@central.edu

The study investigated the predictive nature of contingencies of self-worth, self-esteem, anxiety, and drinking motives on college student drinking behavior. Results from a canonical correlation analysis indicate that alcohol

consumption results from social pressures and situational factors. Possible explanations and implications are discussed.

1:30 Sex Differences in Avoidance Coping, Cigarette Use, and Dependence

GRACE E GIEDGOWD, MEGAN CONRAD, NATANIA A. CRANE, MICHAEL PALMERI, JON D. KASSEL, University of Illinois at Chicago; ggiedg2@psch.uic.edu

This study explored sex differences in cigarette use and coping. We found that with greater endorsement of one type of passive coping, avoidance, recent cigarette use and nicotine dependence was greater in males. For females, avoidance was related to lower rates of recent use, and was not related to dependence.

1:45 Factors Predicting Successful Completion of a County Drug Court Program

CHRISTOPHER L. HAAK, Illinois Institute of Technology; chaak@hawk.iit.edu

This study looks at whether demographic variables, level of risk, anxiety, depression, and defensiveness are predictive of successful completion of a county drug treatment court program using logistic regression. Findings suggest that drug of choice, anxiety, depression, defensiveness, and level of risk all contribute to predicting program completion status.

2:00 Are Alcoholism and Drug Addiction Different in terms of Attachments and Clinical Treatment Issues?

JOSHUA E. CARTER, APRIL FUGETT-FULLER, MARC LINDBERG, Marshall University; carter 297@live.marshall.edu

Although physiological theories and the DSM-5 treat heroine and alcohol addiction similarly, these disorders receive different treatments. Alcoholics in a 28 day program, patients in a methadone treatment center, and controls (N=398) were compared on 29 attachment and clinical scales.

EMPLOYEE EXPERIENCES & BEHAVIOR

Saturday, 12:30-2:20PM Salon 3 Moderator: ROBERT T. HITLAN, University of Northern Iowa

12:30 Personal and Organizational Lay Theories Predict Employee Experiences in Companies

KATHERINE T. U. ÉMERSON, MARY C. MURPHY, Indiana University; CAROL S. DWECK, Stanford University; JENNIFER A. CHATMAN, LAURA KRAY, University of California Berkeley; ktemerso@indiana.edu

We investigated the interactive effect of personal and organizational lay theories on employee experiences in real-world companies. Results revealed that employees whose personal lay theories matched (vs. mismatched) their company's perceived theory perceived their organization more positively, reported higher organizational trust and commitment, and were evaluated more positively by supervisors.

12:45 Can Shiftwork Be a Resource? The Effect of Shiftwork Scheduling and Perceptions on Recovery and Sleep

MOLLY L. DELANEY, BRIAN BERCHTOLD, LARISSA K. BARBER, Northern Illinois University; MollyLDelaney@gmail.com

Non-traditional work schedules (shiftwork) can have detrimental effects on employees and are often perceived as undesirable. However, these results suggest that shiftwork is not always perceived as a negative job demand; those who have flexible and regular shifts have similar recovery and sleep outcomes as those with traditional work schedules.

1:00 The Role of Interruptions in the Workplace: Introverts More Disrupted?

STACY M. BAER, LARISSA K. BARBER, CHRIS PARKER, Northern Illinois University; stacybaerpsychology@gmail.com

Three studies examined the effects of interruptions on performance based on introversion/extraversion. Interruptions lead to lower performance on a proofreading task only among introverts, even when controlling for social anxiety and public self-consciousness. However, these effects were not replicated in an interactive group setting.

1:15 Forgiveness in the Workplace: Development of a Preliminary Model

TERESA HECKERT, ELLEN HERMANN, SARAH JO DAVID, ALEX NYQUIST, RACHEL GREER, KERRY LEE, GARETT FOSTER, Truman State University; sjd2418@truman.edu

Our study identified factors and outcomes of workplace forgiveness. We used the critical incident technique to interview full-time employees (N = 43). Information on length of relationship between employees, duration of conflict, work status, personality, resolution and forgiveness have led to the development of a preliminary model of workplace forgiveness.

1:30 Attachment and Work Behaviors: How Attachment Styles Relate to Organizational Citizenship Behaviors

YUEJIA TENG, MEARA M. HABASHI, University of Iowa; tengyuejia@gmail.com

Attachment style has an influence on individuals' workplace behaviors (Little, Nelson, Wallace, & Johnson, 2011). The current research explored

the relationships among attachment style, organizational justice, perceived organizational support, and organizational citizenship behaviors. Results provide support for mediation and will be discussed in terms of attachment and work behaviors.

1:45 Training and Accountability in Reducing Biased Perceptions of Sexual Harassment

TIFFANY G. MAGLASANG, RAY B. WETHERELL, JENNIFER S. JOHNSON, JOEL T. NADLER, Southern Illinois University Edwardsville; jnadler@siue.edu

We examined the effects of training and accountability on perceptions of sexual harassment. Undergraduate students (N=442) reviewed an ambiguous harassment scenario and then rated the potential harasser. Sexual harassment training increased awareness and recognition of sexual harassment behaviors and accountability increased accuracy in organizational penalties for such behaviors.

2:00 Brainstorming: Does the Question Matter?

OLGA GOLDENBERG, JENNIFER WILEY, University of Illinois at Chicago; ogolde1@uic.edu

This research investigated if the kind of question that is used to prompt brainstorming (alternate uses versus improvements to an object) affects individual cognitive processing and performance, with potential implications for collaborative ideation.

METACOGNITION

Saturday, 12:30-2:20PM Salon 5/8

Moderator: CHRISTOPHER WAS, Kent State University

12:30 Metacognitive Benefits of Teaching Expectancy

ELIZABETH A GREEN, CHRISTOPHER L KLEIN, Marietta College; eag001@marietta.edu

Learners often select study strategies without cognizance. Participants assigned to a teaching expectancy or test expectancy condition studied a text using a web-based computer program that tracked study-related behaviors. Manipulation of task expectation affected participants' metacognitive strategy selection, leading to changes in implemented study strategies.

12:45 Theory-Based Allocation of Study Time

BENJAMIN D. ENGLAND, MICHAEL J. SERRA, FRANCESCA R. FLORES, Texas Tech University; michael.serra@ttu.edu

Across experiments, we presented participants with various study situations and asked how they would allocate their study time (theory-based allocation). In general, learners planned to allocate study time based on the difficulty of the information, but they strategically shifted this allocation as other factors varied (time limits, goal grades).

1:00 When Do Beliefs affect Memory Judgments?

DEBBIE A. MAGREEHAN, MICHAEL J. SERRA, FRANCESCA R. FLORES, Texas Tech University; michael.serra@ttu.edu People's metacognitive memory judgments can be influenced by their beliefs about how aspects of the present learning situation might affect their memory in that situation. In the present experiments, we examined factors related to when people's beliefs about memory will affect their memory judgments and when they will not.

1:15 Watching Educational Videos: Illusions of Learning and Actual Learning

LUDMILA D. NUNES, JEFFREY D. KARPICKE, Purdue University; nunes@purdue.edu

We compared studying an educational online video to simply reading a text about the same topic. In two experiments, we found higher judgments of learning for topics learned from the video than for topics learned from the text. However there were no differences between the actual performances.

1:30 Contributions of Processing Fluency and Beliefs to the Identical Effect on JOLs

MICHAEL L. MUELLER, JOHN DUNLOSKY, Kent State University; S.K. UMA TAUBER, Texas Christian University; mmuelle8@kent.edu The fluency of processing identical word pairs compared to related word pairs is thought to influence judgments of learning (JOLs). Results from several experiments, however, indicate that beliefs (and not fluency) are mediating the identical effect on JOLs.

1:45 Does Strategy Affect the Encoding of Number Sets?

PATRICK F. CRAVALHO, BRADLEY J. MORRIS, CHRISTOPHER A. WAS, Kent State University; AMY M. MASNICK, Hofstra University; pcravalh@kent.edu

How do people represent number sets? We investigated encoding differences based on individuation and aggregation strategies, as well as whether the aggregating process implicitly generates approximate statistical values. Our findings suggest that people aggregate sets larger than four, resulting in summaries of set properties (i.e., mean values).

2:00 Seeing Data: Identifying Children's Data Comparison Strategies Using Eye Tracking

BRADLEY J MORRIS, ANGELA JUNGLEN, PATRICK CRAVALHO, Kent State University; AMY MASNICK, Hofstra University; bmorri20@kent.edu

We investigated 8-12-year-old children's intuitive strategies for comparing data sets using eye tracking. The results demonstrated that most children used a "gist" strategy in which accuracy and confidence decreased and fixations increased as sets became less similar. This suggests that children implicitly created summary values with approximate means and variances.

RELIGIOSITY & HEALTH

Saturday, 12:30-2:00PM Salon 6/7 Moderator: AMBER DEBONO, Winston-Salem State University

12:30 Invited Talk

Unpacking the Religiosity-Health Relationship: Investigations into Form and Function

R. BRIAN GIESLER, Butler University; rgiesler@butler.edu
Prior work has consistently shown (mostly) positive associations between
religiosity and physical health, yet attempts to explain how and why they
are related remain noticeably incomplete. Findings from several studies will
be presented providing new insights into the form of this relationship and
how it might function.

1:00 Faith and Psychological Health in Lesbians: Internalized Homonegativity as Moderator

DANE WHICKER, KEVIN COFFMAN, ED DE ST. AUBIN, Marquette University; ed.destaubin@marquette.edu

The faith lives of lesbians with high levels of internalized homonegativity (IH) were predicted to be markedly different than those with low levels of IH. Results indicated that the relationship between spirituality and views of God as loving and psychological health outcomes was moderated by level of internalized negative stigma.

1:15 Spiritual Disciplines Predict Spiritual Growth in Christian Students

MATTHEW A HELLER, Trinity International University; mheller@tiu.edu Using a longitudinal design over a six-month time period, evangelical Christian undergraduate and seminary students (n = 324) were surveyed about religious virtues and behaviors (i.e., spiritual disciplines). Results mostly or entirely supported stated hypotheses, demonstrating empirical

support that measurable spiritual growth is related to the practice of spiritual disciplines.

1:30 The Positive Side of Extrinsic Reasons for Attending Religious Services

MATTHEW J. LINDBERG, GRACE ZHAO, JULIE J. EXLINE, Case Western Reserve University; KENNETH I. PARGAMENT, Bowling Green State University; matthew.lindberg@case.edu

College students (n = 1700) from three U.S. universities completed a survey exploring the positive aspects of extrinsic-social religious motivations to attend religious services. Involvement in one's spiritual community was found to mediate the positive relationship between Extrinsic-social religious motivations and spiritual growth in response to struggle.

1:45 Religious Identity Statuses and Religiosity: Does Commitment Matter?

TEVNI GRAJALES, BRITTANY SOMMERS, Andrews University; sommersb@andrews.edu

A moderated-effect model of the association between Veerasamy's religious identity statuses, Berzonsky's identity commitment, and Dollinger's religiosity was evaluated among an undergraduate sample. Results suggested that religious identity statuses accounted for 56% of religiosity variance and 28% of commitment variance. Implications of these interactions for religious identity development are discussed.

APPLIED SOCIAL PSYCHOLOGY

Saturday, 12:30-2:20PM Salon 12

Moderator: CHRISTOPHER REDKER, Ferris State University

12:30 A Social Norm Intervention to Reduce Phone-Related Distracted Driving

NATALIE KERR LAWRENCE, James Madison University; lawrennk@jmu.edu

I designed a social norm intervention to combat distracted driving on a college campus. The intervention involved posting signs on campus that highlighted the injunctive norm against distracted driving. The sign that focused people's attention on others' disapproval of the behavior was the most effective.

12:45 Predictors of Intergroup Attitudes in a Middle East Co-existence Program⁶

JULIANA R. SCHROEDER, JANE L. RISEN, University of Chicago; jschroeder@chicagobooth.edu

For three years, we longitudinally tested how outgroup friendships created in a co-existence intervention affected intergroup attitudes immediately after the intervention and after participants' "re-entry" to their home countries. Attitudes substantially improved after the intervention, but regressed after re-entry. Outgroup friendships predicted the maintenance of positive intergroup attitudes after re-entry.

1:00 Climate Change Discussion and Beliefs about Others' Beliefs NATHANIEL GEIGER, JANET SWIM, Pennsylvania State University; nathangeiger@zoho.com

The Spiral of Silence theory suggests that when majority opinion holders do not express their views, it creates the illusion that minority opinions are more popular than they really are, which creates even more majority silence. Two studies illustrate the applicability of the Spiral of Silence theory to climate change.

1:15 System Justifying Beliefs and Reactions to Targets of Corporate Downsizing

MASON D. BURNS, MARGO J. MONTEITH, DEBORAH E. RUPP, Purdue University; burns47@purdue.edu

We examined whether system justifying beliefs (SJBs) predicted hiring decisions involving an applicant who had been laid off. Whereas low SJBs participants hired a laid off applicant over another unemployed applicant, the opposite was true for high SJB participants. Degree of sympathy for applicants and perceived weaknesses mediated this effect.

1:30 Does Providing an Explanation for Ambiguity Increase Ambiguity-Seeking in a Medical Context?

JILLIAN L. O'ROURKE, PAUL D. WINDSCHITL, University of Iowa; BRIAN J. ZIKMUND-FISHER, CBSSM, University of Michigan; LAURA D. SCHERER, University of Missouri; ANDREW R. SMITH, Appalachian State University; jillian-orourke@uiowa.edu

Two studies examined how different reasons for ambiguity surrounding a medical treatment's success rate affect ambiguity preferences. Two treatments were described (one ambiguous, one unambiguous), and the reason for the ambiguity was varied. Participants' preferences for the ambiguous or unambiguous treatment were influenced by the reason for the ambiguity.

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⁶ Graduate student paper award winner.

1:45 Efficacy Messages Promote Energy Conservation

ERIKA SALOMON, JESSE LEE PRESTON, MELANIE BETH TANNENBAUM, University of Illinois; salomon3@illinois.edu Combating climate change requires individual efforts to reduce energy consumption, but individual actions are only indirectly related to outcomes like global temperature. In three studies, we find that messages about climate change emphasizing the efficacy of individual action promote energy conservation intentions, moralization, policy support, and behavior.

2:00 Is Grass Always Greener on the Other Side of Facebook? KRISTIN A. WESNER, DALLAS J. TRASER, Clarke University; kristin.wesner@clarke.edu

Relationships between Facebook usage and social psychological attributes were explored with a questionnaire study. Devotion to Facebook was associated with a tendency to socially compare, focus more on others' Facebook content rather than one's own, and experience envy. Envy, in turn, was negatively associated with self-esteem and life satisfaction.

Affiliated Meeting of The Society for the Teaching of Psychology

----- Friday, May 2, 2014 -----

8:30-9:10AM Symposium (Salon 4)

Implicated by Your Material: Teaching Students Who are Stigmatized by the Subject Matter

JASMINE HUNTER, ARIANNA TIMKO, KEISHA L. BATTLE, STEVEN A. MEYERS, Roosevelt University; Jhunter07@roosevelt.edu An inevitable component of teaching undergraduate courses in psychology is the introduction of material which may stigmatize students' lives. This symposium will examine the difficulties in approaching these situations while teaching course material on developmental disabilities, psychopathology, and human sexuality. We will discuss issues of student disclosure and instructor reactions.

9:10-9:50AM Symposium (Salon 4)

Is Learning Psychology All Fun and Games?

JAMIE L. BROMLEY, NICOLE BRAND, KRISTIN C. FLORA, AMY L. BRACKEN, Franklin College; jbromley@franklincollege.edu
The purpose of this symposium will be to discuss the effectiveness of using games to teach psychological concepts across the curriculum in psychology. Data from a pilot study examining Pictionary in learning physiological concepts in General Psychology will be presented as well as discussion and data from other games.

9:50-10:30AM Symposium (Salon 4)

Transforming Introduction to Psychology: PSI, Test-Enhanced Learning, and PLTL Promote Active Learning and Critical Thinking MAUREEN W. ERBER, AMANDA DYKEMA-ENGBLADE, LINDA RUECKERT, CHRISTOPHER R. MERCHANT, LORILENE CUEVAS, Northeastern Illinois University; m-erber@neiu.edu PSI, Test-Enhanced learning, and the Peer-Led Team Learning model transform Introduction to Psychology. In this mastery-learning course, lectures are replaced by weekly peer-led sessions where critical thinking and problem solving are facilitated in comfortable learning environments. Results will be discussed.

10:30-11:10AM Symposium (Salon 4)

Show Me the Money! Grant Writing in Research Methods Courses JEAN JOHNSON, LARRY MAUCIERI, Governors State University, jjohnson@govst.edu

While graduates need to be able to interpret, design, and conduct basic psychological research; skills such as collaboration, grant seeking, and writing are becoming equally as important. Results from a recent modification of an advanced research methods course to include a teambased grant writing assignment will be presented.

11:10-11:50AM Symposium (Salon 4)

Social Media: Not Just for Our Students

MIKELENE RAY, JODI EASTBERG, Alverno College;

mikelene.ray@alverno.edu

We will discuss how establishing online, cross-discipline communities can help connect new faculty to peer mentors while simultaneously developing resources to engage students in using social media to professionally network. We will also demonstrate several online tools we have used successfully and discuss their implications.

POSTER SESSION SOCIETY FOR THE TEACHING OF PSYCHOLOGY

Friday, 11:30AM-12:20PM Exhibit Hall Moderator & Organizer: TODD M. MANSON, Indiana University

Southeast

Come view the teaching scholarship as fellow professionals share their creative classroom projects and teaching based research with you. Learn new ideas to invigorate your classroom and enhance your teaching effectiveness.

34 Addressing Strengths and Weaknesses of Service-Learning when Teaching Multidisciplinary Classes: The Development and Application of the SOLL (Service, Operational, and Lecture Learning) Model MEGHAN E. NORRIS, Purdue University;

meghan@purdue.eduPsychology courses are often required in multidisciplinary programs. However, successful translation of psychological concepts appears missing from many applied fields. Service-learning is one way to promote comprehensive learning and application of psychological concepts, but can be unsustainable. A framework is provided to develop comprehensive multidisciplinary learning, culminating with service-learning initiatives.

35 Examining Differences in How Psychology Majors and Business Majors Perceive Group Projects

SARAH F. BAILEY, LARISSA K. BARBER, AMANDA J. FERGUSON, Northern Illinois University; sbailey1@niu.edu

Psychology majors often feel unprepared for collaborating effectively in their careers. To investigate potential origins, this study compared psychology majors' and business majors' group project experiences. Business majors reported significantly more instructor contributions, effective group processes, and perceived benefits than psychology majors, which is congruent with their perceived unpreparedness.

36 Student Perceptions of Learning Journals in Online Courses

MARCEL S. YODER, KAYLA WEITEKAMP, University of Illinois Springfield; Myode1@uis.edu

Introductory Psychology students completed learning journals (LJs) in which they interacted with the professor several times over the term. Anonymous surveys showed that perceptions of LJs were correlated with perceptions of discussion boards but not quizzes. LJs provided for more interaction, reflection, and were more enjoyable than quizzes or discussion boards.

37 The Impact of Three Types of Instructor Presence on Course Satisfaction, Engagement, & Learning in the Online Introductory Psychology Classroom

BETH TRAMMELL, Indiana University East; batramme@iue.edu
The increasing prevalence of online education demands research to
understand how instructor presence impacts the online learning
environment in Introductory Psychology courses. This study explored three
different formats for instructor presence in an online classroom (video,
audio, basic Powerpoint) and its impact on student learning and satisfaction.

38 Student Expectations in Undergraduate Coursework and Variables that Impact Those Expectations

BETH TRAMMELL, Indiana University East; batramme@iue.edu Student expectations in undergraduate coursework can have a substantial impact on their overall learning and satisfaction with a course. By gaining an understanding of variables that impact expectations, faculty will have more flexibility to adjust those student expectations as necessary to positively impact student satisfaction and learning.

39 Perceived Effectiveness and Use of Effective Study Methods by College Students

KATIE HAMMOND, DAVID S. KREINER, University of Central Missouri; kreiner@ucmo.edu

We investigated college students' ratings of the effectiveness of well-supported and less-supported study habits. Students (N=116) responded to an online survey. Results indicated that students not only did not rate well-supported study habits as being more effective, they also tended to use the less-supported techniques more frequently.

40 PARBs Anonymous: A Support Group for Critical Thinkers DANIEL R. STALDER, University of Wisconsin Whitewater; stalderd@uww.edu

To address the psychological challenges of critical thinking (e.g., abandoning preconceptions, depressive realism) and to instruct about biases, I enrolled my social psychology students in a semester-long mock support group called "PARBs Anonymous" (PARBs = Persons At Risk of Bias). Students found the approach informative, humorous, applicable, and otherwise effective.

41 Just Because They're Crying Doesn't Make it Therapy: How to Provide Students with Support While Maintaining Appropriate Boundaries

KAYLA HUNT, JOSEPH FREUNDLICH, VANESSA LITOFF, ALLISON ASARCH, STEVEN A. MEYERS, Roosevelt University; smeyers@roosevelt.edu

The boundaries that should ideally exist between students and instructors are often unclear, resulting in the possibility that either party will violate them in some fashion. We will describe four common situations that pose particular boundary challenges and the best practices for effectively dealing with each situation.

42 A Social Psychology Activity to Learn about the Interactionist Perspective, Introspection, Social Desirability, and Norm Groups DOROTHEE DIETRICH, Hamline University; ddietrich@hamline.edu An activity was developed to teach about social psychological phenomena of limits of self-knowledge through introspection, the interactionist

perspective, social desirability and norm groups. This activity involved students' reflections on their completion of a five factor personality questionnaire.

43 Explaining the Development of Professional Skills and Attitudes through Out-of-Class Experiences in Psychology

ALYCIA M. HUND, DAISY BUENO, Illinois State University; amhund@ilstu.edu

This poster describes results from focus group interviews with undergraduate students involved in psychology teaching assistantships, research apprenticeships, and internships and student and instructor surveys to document gains in professional, communication, interpersonal, and intrapersonal skills via out-of-class experiences, as well as growth in understanding professional contexts and content domains.

44 Philosophies of Mind: Psychology 101 Students' Beliefs about Free Will and Dualism

COURTNEY ALLEN, MARK SIBICKY, CHRISTOPHER KLEIN, ELIZABETH GREEN, Marietta College; cka001@marietta.edu Many introductory psychology students hold misconceptions and false beliefs about psychology and human behavior. The present research investigated whether students' fundamental philosophical beliefs about mind/brain (i.e. free will, dualism) are associated with: opinions of psychology as science, beliefs in ESP, and common myths about human behavior.

45 Perfectionism, Hostility, and Procrastination: Using Emotional Intelligence Variables to Teach Psychology Content and Improve Students' Lives

KARYN S. MCKENZIE, Georgetown College, ROBIN LIGHTNER, University of Cincinnati Blue Ash College karyn_mckenzie@georgetowncollege.edu

Professors want students to achieve long-term retention of material. This occurs when students successfully apply lecture information to their lives and experiences instead of merely memorizing it (Bloom, 1954). Having students do this regarding emotional intelligence variables is an effective, potentially life-improving, engaging way for students to achieve that goal.

46 Informal Learning Spaces as a Community Laboratory

NICOLE R. RIVERA, North Central College; nrrivera@noctrl.edu Informal learning environments, including museums, aquariums, and zoos, are important spaces for the transmission of content knowledge, family interactions, and community engagement. They provide an excellent community laboratory. This poster presentation will highlight many potential opportunities that are available for psychology teachers and their students in informal learning spaces.

47 Does the Use of "Clicker" Classroom Technology Link to Measurable Gains in Student Performance?

H. DAVID SMITH, BENJAMIN GORVINE, Northwestern University; hdsmith@northwestern.edu

This study investigated the link between performance, frequency and accuracy of student use of "clicker" technology in a large undergraduate statistics course. Regression results indicate that class performance was significantly predicted by student accuracy, but not frequency of use. Implications for the use of personal response systems will be discussed.

48 Subjective Importance of Teaching Behaviors

PATRICIA K. PRUNTY, Lindenwood University at Belleville; tprunty@lindenwood.edu

The purpose was to determine which of the Teacher Behavior Checklist's 28 behaviors were considered most important by students. Primary concerns were personality (i.e., understanding, flexible, happy), realistic expectations, and knowledge of the field. Less important were goal setting, use of class time and technology, and professional dress and behavior.

49 Classroom Demonstration and Simulation of the Effects of Aging on Source Memory

ROBERT A. LIPINSKI, Indiana University Southeast; ralipins@ius.edu Aging has a particularly negative effect on source memory, such that adult age-differences are often smaller for the central content of information compared to the context in which the information was acquired (e.g., Spencer & Raz, 1995). This poster will present the results of a classroom demonstration of source memory and a simulation of the effects of aging on memory for content and context.

50 The Effect of Quizzes for Credit versus No Credit on Student Performance

ERIN E.C. HENZE, ADRIAN SHIER, University of Detroit Mercy; Henzeee@udmercy.edu

The current study examined the effects of weekly quizzes for credit versus weekly quizzes for no credit on the performance of students in an Introductory Psychology course. Discussion will focus on significant differences between treatment conditions and suggestions for incorporating quizzes into a college course.

51 Measuring Mental Illness Stigma in an Introductory Psychology Course

NICOLE A. MILLER, ERIN HENZE, University of Detroit Mercy; Millernal@udmercy.edu

This study considered how a typical class lecture and supplementary online group discussion would affect mental illness stigma in undergraduate students. Results reveal a statistically significant reduction in stigma surrounding treatability and professional efficacy.

52 The Relationship between Anomalous Beliefs, Attitudes and Experiences in a Class of Paranormal Psychology Students AMY BASHAM, LUCINDA WOODWARD, CHRISTOPHER MORRIS, Indiana University Southeast; BRIAN LAYTHE, Ivy Tech Community College; Luwoodwa@ius.edu

The current study examined the impact of cognitive schemas on reports of anomalous experiences in students participating in a paranormal psychology research course. The authors assessed the impact of idiographic factors on the experience of purportedly anomalous phenomena and assessed the risk of Type II error in paranormal research findings.

53 The Many Ways to Better Living through Behavior Modification DIANNE R. MORAN, Benedictine University; dmoran@ben.edu This project examined the usefulness of using a wide variety of assignments to teach upper level psychology students the principles of learning theories and the application of these theories. This project describes a variety of assignments and projects to inspire instructors of behavior modification

courses.

54 Promoting Student Reading and Discussion: A Follow-Up Study

MEGHAN C. KAHN, Indiana University Southeast; mckahn@ius.edu Quizzes and assignments can encourage completion of readings and class discussion, particularly if similar amounts of class time are spent reviewing responses. To understand the role of in-class reviews, participation was compared when quizzes or assignments were reviewed at the beginning of class and when only written feedback was provided.

55 CyberPeer-Led Team Learning in a Statistics and Research Methods Class

CHRISTOPHER R. MERCHANT, MAUREEN W. ERBER, LINDA RUECKERT, SUSAN ADAMS, YELENA POLYASHUK, Northeastern Illinois University; m-erber@neiu.edu

The Peer-Led Team Learning model—widely used in STEM fields—has been modified and adapted for a two course sequence in statistics and research methods. This paper reports on the success and efficacy of online Peer-lead discussion groups.

56 Outcomes of a Professional Development Course Required for Majors

RALYNN C. SCHMALZRIED SCHMIDT, University of Wisconsin Superior; rschmalz@uwsuper.edu

A 2-course required sequence has been implemented into the major focused on professional development and this project used qualitative and quantitative data to determine the outcomes in the sequence and consider future research surrounding the sequence related to retention and student needs.

57 Incorporating Information Technology Literacy into Introductory Psychology

DIANE E. WILLE, DONNA DAHLGREN, Indiana University Southeast; dwille@ius.edu

This assignment is designed to introduce Introductory Psychology students to electronic resources and provide students with tools to evaluate these resources. Students use these resources to acquire and disseminate information about psychotropic drugs. Students who complete this assignment are found to be more engaged with electronic library resources.

12:30-1:10PM Symposium (Salon 4)

Connecting the Past to the Present: Teaching about Prejudice and Discrimination

SELENA KOHEL, MEGAN GRIFFIN, FORTUNATE ZONDO, Cottey College; skohel@cottey.edu

Due to the 50th anniversary of the March on Washington for jobs and justice, a social psychology class was based within the context of civil rights to encourage students to better understand how the past is linked with the present and to understand how social psychology may explain recurrent themes.

1:10-1:50PM Symposium (Salon 4)

Using the C.R.E.A.T.E Methodology to Teach Psychology as a Science ELENI PINNOW, HEATHER PELZEL, KELLY BERGSTROM, CRYSTAL BARTELL, University of Wisconsin-Superior; epinnow@uwsuper.edu

This symposium discusses an innovative approach to teaching students to appreciate psychological science using intensive reading of primary source articles: the C.R.E.A.T.E. methodology (*Consider, Read, Elucidate* hypotheses, *Analyze* and interpret the data, *Think* of the next *Experiment*). Professors and students will share their experiences and data supporting efficacy C.R.E.A.T.E's efficacy.

STP Invited Address

RETRIEVAL-BASED LEARNING: ACTIVE RETRIEVAL PROMOTES MEANINGFUL LEARNING

JEFFREY D. KARPICKE, Purdue University

This talk provides an overview of our research showing that practicing retrieval enhances learning. In recent work we have extended retrieval practice to meaningful learning of complex educational materials, converted existing classroom activities into retrieval-based activities, and developed new computer-based learning methods for implementing retrieval-based learning.

Friday, 2:00-2:50PM Wabash Moderator: MEERA KOMARRAJU, Southern Illinois University

	Saturday,	May 3,	2014	
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STP Invited Address

TEACHING DIVERSITY AS A JOURNEY

MARY E. KITE, Ball State University

Effective diversity education begins with the instructor's journey to identify strategies for teaching about this important topic. I will discuss how the instructors' course goals and their self-awareness, knowledge, and skills influence these decisions. I will also address how students' worldviews and expectations influence their own path toward developing multicultural competence.

Saturday, 8:30-9:20AM Wabash Moderator: MEERA KOMARRAJU, Southern Illinois University

STP Invited Address

KNOWING HOW TO LEARN: BELIEFS, TECHNIQUES, AND ILLUSIONS

ROBERT A. BJORK, University of California Los Angeles

Increasingly, learning is moving outside the classroom and into our own hands. We appear prone, though, to beliefs and illusions that make us susceptible to choosing non-optimal learning strategies. Dr. Bjork will discuss unintuitive, but research-based, ways for learners and instructors alike to make self-regulated and teacher-regulated learning more efficient, effective, and rewarding.

Saturday, 9:30-10:20AM Wabash Moderator: MEERA KOMARRAJU, Southern Illinois University

10:30-11:10AM Roundtable Discussion (Salon 4)

Workplace and Graduate School Readiness

PAUL I. HETTICH, DePaul University; phettich@depaul.edu
This roundtable provides an opportunity for faculty and undergraduate and
graduate students to discuss career planning issues, emphasizing workplace
and graduate school professional preparedness. This focus stems from
employer dissatisfaction with college graduates and from the 2013 revised
APA Guidelines for the Undergraduate Major, Standard 5, Professional
Development.

10:30-11:10AM Roundtable Discussion (Salon 9)

Active Learning: Ideas from the Trenches

LYNNE N. KENNETTE, Durham College; BIBIA R. REDD, South University; LISA R. VAN HAVERMAET, Wayne State University; PHOEBE S. LIN, Montclair State University;

lynne.kennette@durhamcollege.ca

Information acquired through active learning increases retention when compared to other teaching strategies. The proposed session provides participants the opportunity to discuss effective methods of active learning in face-to-face and online courses. Attendees are invited to share their own experiences and learn about some of the techniques used by the session leaders.

11:10-11:50AM Symposiums (Salon 4)

Connecting, Continuing Discussion, and Introducing Students to the Research Enterprise through Social Media

AARON S. RICHMOND, Metropolitan State University of Denver, JEREMY ASHTON HOUSKA, Centenary College of New Jersey; arichmo3@msudenver.edu

In this symposium, presenters will discuss ways in which social media, namely Facebook and Twitter, can support learning outcomes in the face-to-face and online classroom. In addition, presenters will provide suggestions on how to increase student interest in research through correlational studies and experimental investigations of social media topics.

11:10-11:50AM Roundtable Discussion (Salon 9)

Research Clerkship: An Innovative Approach to Research and Scholarship

CYNTHIA LUBIN LANGTIW, THOMAS BARRETT, KRISTIN VELAZQUEZ KENEFICK, The Chicago School of Professional Psychology; clangtiw@thechicagoschool.edu

Professional programs in psychology have a primary task of training practitioner scholars. The presenters will discuss an innovative program that

has deepened graduate students' research skills. Presenters will also explore the scope and definition of scholarship in various academic settings.

11:50AM-12:30PM Symposium (Salon 4)

Curricular Design to Harness the Power of Peer Involved Pedagogical Strategies

KRISTIN C. FLORA, JAMIE L. BROMLEY, Franklin College;

kflora@franklincollege.edu

This symposium will focus on curricular design involving peer instruction and learning in psychology classes. Upper-class students will be linked with under-class students to share information on choosing psychology as a major, internship experiences, and career goals. Data will be shared regarding the effectiveness of this approach for student learning.

11:50AM-12:30PM Roundtable Discussion (Salon 9)

Interdisciplinary Teaching: Using Psychology to Enhance Learning in Other Fields

JULIA OMARZU, ROBERT J. DUNN, Loras College;

julia.omarzu@loras.edu

Psychology's position as a hub discipline makes it uniquely suitable for interdisciplinary collaboration. This Roundtable will focus on ideas for teaching psychology in partnership with other disciplines. We will share our own experiences teaching psychology in combination with both literature and history courses.

12:30-1:10PM Symposium (Salon 4)

Model Teaching Criteria for Undergraduate Psychology Teachers AARON S. RICHMOND, Metropolitan State University of Denver, GUY A. BOYSEN, McKendree University, REGAN A. R. GURUNG, University of Wisconsin Green Bay; arichmo3@msudenver.edu Recent efforts to provide standardized benchmarks for quality in

undergraduate psychology education have not included specific definitions of teaching excellence. However, the STP Teaching Competencies Taskforce has created a list of characteristics and practices that define teaching excellence. Teachers can use these characteristics as a standard for self-evaluation. In this symposium we will include a summary of the 18 specific characteristics and practices included in the list of model teaching characteristics, with special emphasis on research-based practices. In addition, we will have attendees engage in a self-evaluation of their consistency with the characteristics and their ability to provide evidence to document their consistency.

12:30-1:10PM Roundtable Discussion (Salon 9)

Ten Tips toward a Transgender-Inclusive Classroom

W. SPENCER SCOTT, EMILY RISCHALL, KATHRYN MEYER, STEVEN A. MEYERS, Roosevelt University;

wscott02@mail.roosevelt.edu

The retention, learning, and overall health of marginalized students should be a priority for college educators. One group that is sometimes overlooked in this process is transgender students. We will present ten recommendations for creating a transgender-inclusive classroom, and will facilitate a roundtable discussion to problem-solve potential barriers.

1:10-1:50PM Roundtable Discussion (Salon 9)

Technology in Teaching: Integrating Media Resources with the Classroom Experience

PHOEBE S. LIN, Montclair State University, LISA R. VAN HAVERMAET, Wayne State University, BIBIA R. REDD, South University, LYNNE N. KENNETTE, Durham College; linp@montclair.edu Students are better able to retain information if it is personally relevant, as demonstrated by the self-reference effect. This proposed colloquium will allow professional instructors to share and discuss how they incorporate media resources in their learning environment to enhance students' pedagogical experience and improve student performance.

Affiliated Meeting of The Society for Community Research and Action Open Meeting of the Division 27 Interest Group

 Friday May	2 2014	
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SYMPOSIUM: EXAMINING THE QUALITY OF NATURAL MENTORING RELATIONSHIP OF COLLEGE STUDENTS

Friday, 8:30-9:20AM Indiana

Moderator: LUCIANO BERARDI, DePaul University

Discussant: BERNADETTE SANCHEZ, DePaul University

A Qualitative Examination of College Stressors and Cross Gender Mentoring Relationship

LEE WESTRICK, SHANNON M. WILLIAMS, DePaul University; lwestric@depaul.edu.

Attachment to Parents Effect on Mentoring Quality and Student Outcomes

LINDSEY T. BACK, LUCIANO BERARDI, DePaul University; lback@depaul.edu.

Exploring the effects of Natural Mentoring Relationship Quality across Different Types of Relationships and Student Outcomes

LUCIANO BERARDI, SHANNON M. WILLIAMS, DePaul University; lberardi@depaul.edu

ROUNDTABLE:

TALKING THE TALK: EXPLORING LOADED LANGUAGE IN COMMUNITY AND UNIVERSITY SETTINGS

Friday, 8:30-9:20AM Kimball

Moderator: SARA A. McGIRR, Michigan State University;

mcgirrsa@msu.edu

Participants: JENNIFER A. LAWLOR, NADEEKA D. KARUNARATNE,

Michigan State University

ROUNDTABLE:

RAISING PARADOX: EXAMINING SEEMINGLY IRONIC CONSERVATIVE COMMUNITY PSYCHOLOGIST THROUGH DEBATE

Friday, 8:30-9:20AM Logan

Moderators: CHRISTOPHER R. BEASLEY, RONALD HARVEY,

DePaul University

Presenters: JOSEPH R. FERRARI, DePaul University; TONYA HALL, Chicago State University; STEVE HOWE, University of Cincinnati BRADLEY OLSON, National Louis University; cbeasle1@depaul.edu

Discussant: LEONARD A. JASON, DePaul University.

SYMPOSIUM: VICTIMIZATION AND VIOLENCE EXPOSURE AMONG TEACHERS AND YOUTH

Friday, 9:30-10:20AM Indiana

Chair: SUSAN D. MCMAHON, DePaul University;

smcmahon@depaul.edu.

Discussant: FABRICIO BALCAZAR, University of Illinois at Chicago

A Qualitative Examination of Upsetting Victimization Incidents CRYSTAL COKER, SUSAN McMAHON, ELIZABETH McCONNELL, SAMATHA REAVES, DePaul University; ccoker11@depaul.edu.

Identifying Correlates of Teacher Poly-victimization ANDREW MARTINEZ, SUSAN McMAHON, BERNADETTE SANCHEZ, DePaul University; amart140@depaul.edu.

An Examination of the Specificity of Community Violence Exposure in Relation to Externalizing Behaviors in Urban, Low-Income Adolescents JARRETT LEWIS, KRISTIN CAROTHERS, KATHRYN E. GRANT, DePaul University; jlewis55@depaul.edu.

ROUNDTABLE: AN EXPLORATION OF EMPOWERMENT IN COMMUNITY SETTINGS

Friday, 9:30-10:20AM Kimball

Moderator: AMBER E. WILLIAMS, National Louis University;

awilliams67@my.ml.edu

Presenters: BERNADA BAKER, DEVEDA E. FRANCOIS, National Louis University; RACHEL JANTKE, DePaul University; PHILLIP LAMBERT,

REGINA LEE, CHANEL PHILLIPS, JACQUELINE SAMUEL,

HERMANN J. SCHNEIDER, National Louis University,

ROUNDTABLE: BEATING BURNOUT: SELF-CARE STRATEGIES FOR PROFESSIONALS WORKING WITH TRAUMA

Friday, 9:30-10:20AM Logan

Moderators: JACLYN D. HOUSTON, CHARLYNN A. ODAHL, DePaul

University; jhoust12@dapaul.edu

Presenter: ELIZABETH A. McCONNELL, DePaul University

ROUNDTABLE: USING SHARED AND SEPARATED SPACES TO INCLUDE MARGINALIZED YOUTH VOICES

Friday, 9:30-10:20AM Madison Moderators: MIATTA CHINWE ECHETEBU, University of Illinois at

Urbana-Champaign; echeteb2@illinois.edu

Presenters: GURLDINE WILLIAMS, JERRY WILLIAMS, SHYTEISHA HEDRICK, FRED GREER, Youth Community Partner, TRACY DACE, Adult Community Partner, MARK S. ABER, University of Illinois at

Urbana-Champaign

ROUNDTABLE:

IMPLEMENTING INTERVENTIONS IN CPS: IMPORTANCE OF STAKEHOLDERS AND COMMUNITY INVOLVEMENT

Friday, 9:30-10:20AM Marshfield

Moderators: APRIL TIMMONS, DePaul University;

atimmon1@depaul.edu

Presenters: LINDA RUIZ, ROBERTO LOPEZ TAMAYO, JOCELYN DROEGE, NYLA WHITEHEAD, W. LAVOME ROBINSON, LEONARD

A. JASON, DePaul University

POSTER SESSION: DIVISION 27 AFFILIATED MEETING

Friday, 10:30-11:20AM Exhibit Hall

Moderator: BERARDI LUCIANO, DePaul University

34 Barriers and Facilitators to the Implementation of Anti-Bullying Legislation

KELLY O'CONNOR, ANDREW MARTINEZ, BERNADETTE SANCHEZ, JO-ANN FREIBERG, KATHLEEN WEDGE, DePaul University; koconnor571@gmail.com

35 Comparing Functional Impairment in ME/CFS Cross-Culturally MARIA ZDUNEK, SHELBY WISE, KAITLIN ARNOLD, MEREDYTH EVANS, LEONARD JASON, DePaul University; mzdunek@depaul.edu

36 Individual and Organizational Factors in Training Dissemination and Implementation of Evidence-based Practices for PTSD

BENJAMIN C. GRAHAM, JOSE RUZEK, Palo Alto Veterans Affairs Health Care System; benjaminggraham@gmail.com

37 Exploring the Factor Structure of the Ohio Scales FRANCIS BONADIO, CAROLYN J. TOMPSETT, Bowling Green State University, NOELLE DUVALL, Children's Resource Center; fbonadi@bgsu.edu

38 Gauging Family Physician Interest in Collaborative/participatory Research

BRANDI BALMER, SARAH J. BEEHLER, University of Minnesota Duluth; balm0024@d.umn.edu

39 Psychosis: A Qualitative Investigation

CHRISTA LEI SONIDO, ANGELICA GOMEZ, NEV JONES, MONA SHATTELL, DePaul University; hsmfo.christa@gmail.com

40 Housing and Substance Use Patterns of a Formerly Incarcerated Population

CLAIRE WILMOTH, CORINNE WEAVER, DINA CHAVIRA, RON HARVEY, BRAD OLSON, JASON LEONARD, DePaul University; cwilmoth@depaul.edu.

- 41 Understanding the Gender Gap in Academic Achievement among Latino Youth: Racial Discrimination and Cultural Mistrust ADINA C. COOPER, PASCALE I. WILLIAMS, BERNADETTE SANCHEZ, DePaul University; acoope26@depaul.edu.
- **42** Health behaviors in At-Risk, Justice-Involved Women in Recovery DANIELLE CHIARAMONTE, DAPHNA RAM, JOCELYN DROEGE, DePaul University; DOREEN SALINA, Northwestern University; LEONARD A. JASON, DePaul University; dchiaram@depaul.edu
- **43** An HIV Intervention for BYMSM in the House Ball Community DANA L. FOOTER, Roosevelt University; DIANA LEMOS, SYBIL HOSEK, John H. Stroger Jr. Hospital of Cook County; danafooter@gmail.com
- **44 Sex Trafficking Attitudes Scale: Preliminary Validation** JACLYN HOUSTON, NATHAN TODD, DePaul University; jhoust12@depaul.edu

45 Participation in a Student-run Free Health Clinic Enhances Educational Experiences

JESSICA SLOAN, University of Toledo; DANIEL J. KRUGER, University of Michigan; RIE SUZUKI, University of Michigan Flint; Jessica.Sloan2@rockets.utoledo.edu

46 Organizers' Communication Strategies that Predict Collective Action

JUSTINA K. GRAYMAN, New York University; justina.grayman@nyu.edu

47 Encuesta Buenos Vecinos: Building Capacity to Promote Latino/a Health

DANIEL J. KRUGER, University of Michigan; CHARO LEDON, Casa Latina; ADREANNE WALLER, SHARON P. SHELDON, Washtenaw County Public Health; MIKEL LLANESS, ⁴Family Medicine-Ypsilanti Health Center; GLENDA ISELA FLORES, Casa Latina; JOSE DAVILA, DANIELLE BRACE, KATHERINE BUTLET, ADAM SIDDIQUI, University of Michigan; kruger@umich.edu

48 Timeline of Housing for Justice-Involved Women in Recovery LAUREN VOLLINGER, DAPHNA RAM, DOREEN SALINA, JOCELYN DROEGE, LEONARD A. JASON, DePaul University; lvolling@depaul.edu

49 Mentoring Networks of Latino/a Youth and Educational Support LYNN C. LIAO, ROBERT HICKSON, BERNADETTE SACHEZ, DePaul University; cliao6@depaul.edu

50 Restorative Justice in the Criminal Justice System MICHAEL BRUBACHER, DePaul University; mbrubach@depaul.edu

51 A Comparative Analysis of the Self-Esteem of Women in Recovery MIRANDA DELGADO, SARAH CALLAHAN, LEONARD A. JASON, DePaul University; miranda.mia.delgado@gmail.com

52 How Formal Social Supports Help and Hinder Homeless Battered Women

MARIA NAUMANN, ERIN SULLY, SUSAN M. LONG, Lake Forest College; naumannmm@mx.lakeforest.edu

53 Justice System Involvement: Analysis of Children's Impact on At-Risk Women

STEPHANIE NISLE, SARAH CALLAHAN, LEONARD A. JASON, DePaul University; snisle@depaul.edu

54 Exploring Community Psychology Value Congruence in Academic Settings

OLYA GLANTSMAN, LEONARD A. JASON, CHRISTA L. SONIDO, DePaul University; oglantsm@depaul.edu

55 Health Risk Behaviors among Women in Recovery: The Role of Depression

KATIE E. PIZZIKETTI, JOCELYN R. DROEGE, DAPHNA RAM, LEONARD A. JASON, DePaul University; kpizziketti@gmail.com

56 Moderators of Stress and Empowerment among Justice-Involved Women in Recovery

BREANA POPE, DAPHNA RAM, JOCELYN R. DROEGE, DOREEN SALINA, LEONARD A. JASON, DePaul University; bpope4@depaul.edu

57 Factor Analysis of Perceived Neighborhood Characteristics in Delinquent Youth

SINDHIA SWAMINTHAN, GINA M. MATTEI, KELLY E. AMRHEIN, CAROLYN J. TOMPSETT, Bowling Green State University; sswami@bgsu.edu.

58 Framing and Gender Effects on Reactions to Ethnically Diverse Material

CRYSTAL N. STELTENPOHL, DePaul University; MEGAN M. MORRISON, MEERA KOMARRAJU, Southern Illinois University Carbondale; cstelten@depaul.edu

59 College Student Extracurricular Engagement and Value Formation: The Impact of Involvement on Corporate Social Responsibility Orientation

RACHAEL SUFFRIN, RYAN ORTH, DePaul University; rsuffrin@depaul.edu

60 Exploring Value of Education, Trust, and Misconduct among Latina/o Youth

NICOLE TORRES, KYLE GROVER, ALISON L. MROCZKOWSKI, BERNADETTE SANCHEZ, DePaul University; ntorre10@depaul.edu

61 Factor Analysis of a Drug Abuse Coping Self-Efficacy Scale CHRISTOPHER WHIPPLE, LEONARD A. JASON, ED STEVENS, DePaul University; cwhippl1@depaul.edu

62 An Evaluation of Fatigue for Postural Orthostatic Tachycardia Syndrome

SHELBY WISE, MARIA ZDUNEK, KAITLIN ARNOLD, MEREDYTH EVANS, DePaul University; swise6@depaul.edu.

63 Using Receiver Operating Characteristics to Assess the DePaul Symptom Questionnaire

KAITLIN ARNOLD, MARIA ZDUNEK, ABIGAIL BROWN, LEONARD A. JASON, DePaul University; karnol17@depaul.edu.

64 Neighborhood Attachment as a Moderator of Social Cohesion and Delinquency

KELLY E. AMRHEIN, CAROLYN J. TOMPSETT, DePaul University; kamrhei@bgsu.edu

65 An Exploration of Black and Latino Male Adolescents' Views about Activities Within a Mentoring Program

CARLOS LUNA, JAMIE BOBERT BERNADETTE SANCHEZ, DePaul University; carlos.luna1984@gmail.com

66 Detecting Discrimination in the Hiring Process

JESUS J. MARTINEZ, MARK LeBOEUF, ALICE F. STUHLMACHER, DePaul University; j2m773@gmail.com

67 Homelessness: An Exploration of Immediate Needs in Early Recovery

KRISTINA CAMPAGNA, SARAH CALLAHAN, LEONARD A. JASON, DePaul University; krcampagna@gmail.com

68 Increasing Healthy Food Access through Local Farmers' Markets CARISSA COLEMAN, TARA GREGORY, SARAH JOLLEY, Wichita State University, MIM McKENZIE, Greater Wichita YMCA; carissa.coleman@wichita.edu

69 Reno County Crime Reduction Initiative: A Model of Community Collaboration

TARA GREGORY, Wichita State University; PENNY FEIST, Reno County Crime Reduction Initiative; tara.gregory@wichita.edu

70 Self-Efficacy and Criminal History: A Comparative Analysis of Demographic

PATRICIA DUGLAS, Truman College; SARAH CALLAHAN, LEONARD A. JASON, DePaul University; pdouglass@student.ccc.edu

71 Characteristics of Latino/a Adolescents' Natural Mentoring Relationships and Academic Achievement

LYNN C. LIAO, NICOLE TORRES, BERNADETTE SACHEZ, DePaul University; cliao6@depaul.edu

72 Racial Discrimination, Coping Efficacy, and Academic Outcomes among Latina/o Youth

ALISON L. MROCZKOWSKI, BERNADETTE SACHEZ, DePaul University; amroczk2@depaul.edu

SYMPOSIUM: HOME AND HEART: NEW AREAS FOR COMMUNITY PSYCHOLOGY

Friday, 11:30AM-12:20PM Indiana Moderators: DANIELLE VACLAVIC, RACHAEL L. SUFFRIN, CRYSTAL STELTENPOHL, JOSEPH R. FERRARI, JULINE GIRTS, MARY RIZZO, CHRISTINE KOZLOWSKI, BIANCA GAMBINO, DePaul University; CATHERINE A. ROSTER, University of New Mexico; dvaclavi@depaul.edu

SYMPOSIUM: THE CHOICES WE MAKE: METHODOLOGY OPTIONS FOR RESEARCH WITH WOMEN

Friday, 11:30AM-12:20PM Kimball Moderators: JACLYN D. HOUSTON, CHARLYNN A. ODAHL, CHRISTINA SOIBATIAN, NATHAN R. TODD, DePaul University; jhoust12@depaul.edu

ROUNDTABLE:

CONSIDERATIONS AND BEST APPROACHES TO RECRUITMENT AND RETENTION OF POPULATIONS VULNERABLE TO RESEARCH PARTICIPATION

Friday, 11:30AM-12:20PM Logan

Moderators: CLAUDIO RIVERA, DePaul University;

crivera3@depaul.edu

Presenters: DARNELL MOTLEY, SARAH CALLAHAN, DePaul

University

ROUNDTABLE: WANT TO CHANGE THE WORLD? COMMUNITY PSYCHOLOGY COULD BE FOR YOU

Friday, 11:30AM-12:20PM Madison Moderators: DAPHNA RAM, DePaul University; dram@depaul.edu

Presenters: CORINNE WEAVER, ABIGAIL BROWN, RONALD HARVEY, APRIL TIMMONS, OLYA GLANTSMAN, LEONARD A.

JASON, DePaul University

ROUNDTABLE: COMMUNITY INVOLVEMENT PROMOTES SUCCESS IN A LATINO/A HEALTH SURVEY PROJECT

Friday, 11:30AM-12:20PM Marshfield

Moderator: DANIEL J. KRUGER, University of Michigan;

kruger@umich.edu

Presenters: CHARO LEDON, Casa Latina; ADREANNE WALLER, Washtenaw County Public Health; MIKEL LLANES, EBV Community Leadership Team and Family Medicine-Ypsilanti Health Center GLENDA

ISELA FLORES, EBV Community Leadership Team

SYMPOSIUM: IMMERSION EXPERIENCES: PROCESS, CAUSAL MECHANISMS, AND POSITIVE OUTCOMES

Friday, 12:30-1:20PM Indiana

Chair: ELIZABETH A. MCCONNELL, DePaul University;

emcconne@depaul.edu.

Discussant: AMY BOHNER, DePaul University

Results from a Nationwide Survey of Immersion Experiences
RACHAEL L. SUFFRIN, ELIZABETH A. McCONNELL, JULIE N.
BAUER, CAROLYN HUIZAR, DePaul University; rsuffrin@depaul.edu.

Outward Bound FINS: The Process of Developing an Immersion Evaluation

ELIZABETH A. McCONNELL, RACHAEL L. SUFFRIN, DINA CHAVIRA, KELLY L. ADAMS, DePaul University; emcconne@depaul.edu.

Camp Kesem: Exploring the Positive Impact on College Student Volunteers

RACHAEL L. SUFFRIN, ELIZABETH A. McCONNELL, DePaul University; rsuffrin@depaul.edu.

SYMPOSIUM:

MULTI-LEVEL STAKEHOLDER ENGAGEMENT: COMMUNITY-BASED WORK ON PSYCHOSIS & VOICES

Friday, 12:30-1:20PM Kimball Moderators: NEV JONES, BARBARA HARRIS, DePaul University; DAVID VOGNAR, University of Chicago; ALLISON MULL, CHRISTA LEI SONIDO, ANGELICA GOMEZ, NICOLE KALISKI-MARTINEZ, MONA M. SHATTELL, DePaul University; nev.inbox@gmail.com

ROUNDTABLE:

AFTER INCARCERATION: AN EXPLORATION OF BARRIERS TO COMMUNITY REENTRY

Friday, 12:30-1:20PM Logan

Moderators: SARAH CALLAHAN, DePaul University;

scallah1@depaul.edu

Presenters: CHRISTOPHER BEASLEY, STEPHANIE NISLE, PATRICIA DOUGLASS, SIMONA CIOBOTARU, CRAIG BLOOMER, ADRIANA BAHENA, JAQUELINE RODRIGUEZ, KRISTINA CAMPAGNA,

LEONARD A. JASON, DePaul University

ROUNDTABLE:

PLANTING SEEDS OF INSPIRATION AND HOPE IN NEWTOWN, CONNECTICUT: HOW 60 FRUIT TREES HELPED TO REBUILD A COMMUNITY

Friday, 12:30-1:20PM Madison

Moderator: AUGUST HOFFMAN, Metropolitan State University

August.Hoffman@metrostate.edu

Presenters: TROY BRULE, HAAN VAN DER WEGE, SAMANTHA

CATLIN, RICH DOWNS, Metropolitan State University

ROUNDTABLE:

VOICES FROM THE MARGINS: ILLINOIS INTEGRATED CARE PILOT CONSUMER PERSPECTIVES

Friday, 12:30-1:20PM Marshfield

Moderators: CRYSTAL STELTENPOHL, DePaul University;

cstelten@depaul.edu

Presenters: LINDSEY T. BACK, DePaul University; TIFFENY R.

JIMENEZ, National Louis University; CHISTOPHER KEYS, KATHLEEN

E. McAULIFF, DePaul University; JUDAH J. VIOLA, AMBER

WILLIAMS, National Louis University

ROUNDTABLE:

CROSS CULTURAL MENTORING EXPERIENCES: VOICES OF MINORITY STUDENTS TRANSITIONING THROUGH COLLEGE

Friday, 1:30-2:20PM Madison

Moderators: SEKORDRI LEWIS, DePaul University;

sekordrilewis@gmail.com

Presenters: DAISY GONZALES, GAURANG SHYAM, VIERELINA FERNANDEZ, YELENA PERSON, MERCEDES TERRAZAS, DePaul University; LILIAN PEREZ, University of Illinois at Chicago; ROBERTO

ARIAS, University of Illinois at Urbana-Champaign

ROUNDTABLE: RANDOM SAMPLING AND PARTICIPANT CONTACT IN A WIRELESS AGE

Friday, 1:30-2:20PM Marshfield

Moderator: MADISON SUNNQUIST, DePaul University;

msunnqui@depaul.edu

Presenters: ABIGAIL BROWN, SARAH CALLAHAN, DePaul

University; BILL McCREADY, Northern Illinois University; RACHEL JANTKE, SHELBY WISE, KAITLIN ARNOLD, MARIA ZDUNEK, BOBBY KOT, KATHERRINE ADAMSKI, BRENDA LARA, LEONARD

A. JASON, DePaul University

APA Division 27 Dinner and Poster Awards Session

Please join members of Division 27 for dinner after the MPA Presidential Address. The location for dinner is to be determined. All are welcome to attend. Please RSVP, if possible, to Bernard Luciano at the email address below.

Friday, 5:00PM Location: TBA

Organizer: BERARDI LUCIANO, DePaul University;

lberardi@depaul.edu

Affiliated Meeting of Psi Chi: The National Honor Society for Psychology

PSI CHI POSTER SESSION I APPLIED, BIOLOGICAL, & CLINICAL POSTERS

Thursday, 8:30-9:20AM

Exhibit Hall

1 Shut the Talking Parrot in a Cage: How BDI Scores Relate to Answer Time and Personality

ALESSANDRA MORBIDELLI, EGLE STRAVINSKAITE & KAYLEE MOESLEIN, Bradley University (ALLEN HUFFCUTT, Faculty Sponsor)

- 2 Time Restraint on Perceptions of Fit in the Résumé Process ERIN DOTY, Augustana College (DANIEL CORTS, Faculty Sponsor)
- 3 College Navigation: Does Cultural Knowledge Contribute to Success? COLTON METZGER, CORINNE WRIGHT & JAZZIE GROVE, Wright State University (VALARIE SHALIN, Faculty Sponsor)
- 4 Predicting Workplace Interactions: Counterproductive Work Behaviors, Interpersonal Relationships and Select Big Five Traits

SARAH MCLAUGHLIN, BRYAN FABER & AARON WILLIAMS, Wright State University (GARY BURNS, Faculty Sponsor)

5 The Effect of Self-Construal Diversity on Group Performance in a Hidden Profile Task

NEIL GUMAN, Westminster College (JAMIE MCMINN, Faculty Sponsor)

6 How Does Birth Order Affect Teamwork? Birth Order, Personality, and Teamwork Behaviors

NOELLE LOONEY & JAMES LINDEMULDER, UM-Flint (MARIANNE MCGRATH, Faculty Sponsor)

7 Role Stressors in On and Off-campus Student Employment KATHLEEN WYLDS, ZACHARY ZIMMERLIN, LESLIE BURDISS, LEAH MILLER, OLIVIA NEWCOMER, SAMANTHA MITCHELL & MEGAN MORRIS, Wright State University (GARY BURNS, Faculty Sponsor)

8 Stigmatized Groups and Perceptions of Qualifications in Résumé Evaluation

MARY FLAIM, EMMA SIPILA & ERIN BAKER, Bowling Green State University (MARIE TISAK, Faculty Sponsor)

9 Extrinsic Motivation in College Students: A New Measure AMANDA MEYER, EGE TÜREN & CHRISTINE WELLER, Southern Illinois University Edwardsville (JOEL NADLER, Faculty Sponsor)

10 One Step at a Time: The Effect of Presenting the Brainstorming Rules in Stages on Brainstorming Effectiveness CASSONDRA BATZ, Loyola University Chicago (JAMES LARSON, Faculty Sponsor)

- 11 The Effect of Ethnicity and Gender on Perceptions of Employability MEREDITH HIGGINS & DEANA SHOOK, Heidelberg University (VIRGINIA GREGG, Faculty Sponsor)
- **12 Personality, Coping Mechanisms, and Well-being in Students** KATHLEEN WYLDS, Wright State University (GARY BURNS, Faculty Sponsor)
- 13 It's Written all Over Your Face: Detecting Deception through Measures of Pupillary Response and Periorbital Temperature JACQUELYN LEACH, JOANNA MORENO & GRETCHEN SCHWARZ, Westminster College (KIRK LUNNEN, Faculty Sponsor)

14 The Effect of Perceived Control and Reward on Productivity KASSITY TRUXELL, Adrian College (AMY HILLARD, Faculty Sponsor)

15 Putting the "Men" Back In Menstruation: Testosterone and Gender Differences in Spatial Navigation

CASEY PAPROCKI & MELANIE BOYSEN, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)

16 Vent to belong: The perceived value of venting

LUCY HEADRICK, CLAIR REYNOLDS, MORGAN ROBERTSON & MINDY SHOSS, Saint Louis University (MINDY SHOSS, Faculty Sponsor)

17 Women Struggle to Reach the Top: Gender Barriers in the Workplace

SHANNON DOHERTY, Hamline University (DOROTHEE DIETRICH, Faculty Sponsor)

18 Approachability of a Student Worker in a Customer Service Based Job

NICOLE KASMER, Carroll University (TARA SCHMIDT, Faculty Sponsor)

19 Examining the relationship between introversion/extroversion and job satisfaction based on self-perceived career interaction levels ALLISON BOYES, Clarke University (KRISTIN WESNER, Faculty Sponsor)

20 Moderating Effects of Shift Work on Friendships CHARLES DREWRY, BRYAN FABER, CRYSTAL JOHNSON, EMILY WORK, MEGAN MORRIS, DAVID PERIARD & MARK ROEBKE,

Wright State University (GARY BURNS, Faculty Sponsor)

21 Forgiveness, Interdependence & Closeness in Romantic Relationships

DESIREE PHILLIPS, Metropolitan State University (MARK STASSON, Faculty Sponsor)

22 Utilize Visual Representations to Minimize Working Memory Deficits for Students with Learning Disabilities in Mathematics SAMANTHA MARITA, University of Cincinnati (CASEY HORD, Faculty Sponsor)

23 Who's Driving, You or Your Attitudes?

THOMAS ADAMS, Olivet College (DINA BATTAGLIA, Faculty Sponsor)

24 Bringing the "R" back to CSR: A Psychological Examination of the role of Felt Responsibility in Corporate Social Responsibility DASOL KIM & DREW MALLORY, Purdue University (DEBORAH RUPP, Faculty Sponsor)

25 Marital Status and Parental Status on Perceptions of Promotability TIFFANY MAGLASANG, Southern Illinois University Edwardsville (CYNTHIA NORDSTROM, Faculty Sponsor)

26 Working memory and the Impact of Personal Electronic Devices in the Classroom

MEGAN HOHENSTEIN, JOCELYN FINKELSTEIN & MATTHEW SIMPSON, Truman State University (TERRY PALMER, Faculty Sponsor)

27 Resilience Training

MELANIE STEPHENSON, Wright State University (DEBRA STEELE-JOHNSON, Faculty Sponsor)

28 Calling for Money: Predicting Employee Success at a College Call Center

CHELSI CAMPBELL, Otterbein University (MICHELE ACKER, Faculty Sponsor)

29 Romantic relationships and attachment styles: A validity study TAYLOR SMITH, Southern Illinois University Edwardsville (JOEL NADLER, Faculty Sponsor)

30 Sex and Consumer Locus of Control Differences in Financial Management

BRITTANEY BENSON-TOWNSEND, University of Nevada Las Vegas (N. CLAYTON SILVER, Faculty Sponsor)

31 When Water Cooler Talk Becomes Counterproductive: Friendship Behaviors at Work

ASHLEY HANKE, University of Wisconsin La Crosse (NICOLE GULLEKSON, Faculty Sponsor)

32 Gender Differences in Coping Among Latino Middle School Students

FERNANDO GONZALEZ III & CATHERINE DECARLO SANTIAGO, Loyola University Chicago (CATHERINE DECARLO SANTIAGO, Faculty Sponsor)

33 The Effects of Restaurant Work and Job Burnout on Alcohol Abuse AMANDA THORPE, Purdue University Calumet (PHUONG DO, Faculty Sponsor)

34 The Presence of a Dog Attenuates Cortisol and Heart Rate in the Trier Social Stress Test (TSST) when compared to Human Friends JOHN POLHEBER, Pennsylvania State University Altoona (ROBERT MATCHOCK, Faculty Sponsor)

35 Cortisol Variation, Brain Degeneration, and Cognitive Decline ASHLEY LAWRENCE, University of Notre Dame (HEATHER ROMERO, Faculty Sponsor)

36 The Ability of the Sigma Receptor Ligand PD-144418 to Attenuate Cocaine Conditioned Place Preference

JESSICA JUDD, EMMA FULLERTON & PAIGE HILDEBRANDT, University of Missouri Columbia (DENNIS MILLER, Faculty Sponsor)

37 The Impact of Social Defeat on the Ability to Discriminate Between Auditory Cues

JESSICA MULVANY, BROOKE DULKA & JOSEPH LYNCH III, Kent State University and University of Tennessee (AARON JASNOW, Faculty Sponsor)

38 The Effects of Estradiol and Testosterone on Fear Generalization in Rats

TYLER VANDERHOOF, JOSEPH LYNCH III, JESSICA MULVANY, SAMANTHA ORTIZ & PATRICK WINIECKI, Kent State University (DAVID RICCIO, Faculty Sponsor)

39 Intensity of Exercise Influences Memory Enhancement NICOLE FORNER, Carleton College (LAWRENCE WICHLINSKI, Faculty Sponsor)

40 Factors Related to Non-Reporting of Concussions across Gender and Sports in College Athletes

DANIELLE CHEVALIER & BAILEY DECKER, University of Wisconsin River Falls (TODD WILKINSON, Faculty Sponsor)

41 The Role of GABAB1a Receptors in the Maintenance of Precise Context Memory

PATRICK WINIECKI, PATRICK CULLEN, JOSEPH LYNCH III & SAMANTHA ORTIZ & AARON JASNOW, Kent State University (AARON JASNOW, Faculty Sponsor)

42 Quantitative Electroencephalography Patterns in Trauma-induced Anxiety: An Exploratory Study

SAMANTHA EBY, North Central College (MARGARET GILL, Faculty Sponsor)

43 Stimulus Latency and the Rubber Hand Effect as Measured by EEG LEAH ARMS & LYNZEE MURRAY, Shawnee State University (KYLE VICK, Faculty Sponsor)

44 The Association between Vasomotor Symptoms and Sleep Disturbance among Menopausal Women. A Comparison of Physiological and Self-Reported Measures

BEELET DAWOOD, University of Illinois at Chicago (PAULINE MAKI, Faculty Sponsor)

45 Effects of early life exposure to light at night on behavior and physiology

ZACHARY MCHENRY, Ohio State University (RANDY NELSON, Faculty Sponsor)

46 Influence of the Anterior Cingulate Cortex on Memory Precision in GABAB1a Knock Out Mice

SAMANTHA ORTIZ, PATRICK WINIECKI & JOSEPH LYNCH III, Kent State University (AARON JASNOW, Faculty Sponsor)

47 Repeated Pairing of Cocaine Administration with an Enriched Environment Results in Diminished Behavioral Anxiety During Withdrawal

LAUREN THOMPSON, DANA SAUTTER & MATTHEW FARBOTA, Bradley University (TIMOTHY KOELTZOW, Faculty Sponsor)

48 The Effects of Intermittent Methylphenidate Administration on Cocaine Sensitivity in a Rat Model of ADHD

MATTHEW FARBOTA, LAUREN THOMPSON & DANA SAUTTER, Bradley University (TIMOTHY KOELTZOW, Faculty Sponsor)

49 The Influence of Acoustic Similarity in Monkeys' Auditory Shortterm Memory

IVA ZDILAR, University of Iowa (AMY POREMBA, Faculty Sponsor)

50 The Effect of a High Antioxidant Diet on Two Behavioral Measures in Aging Rats

GINA RICKERT, SHANNON WRIGHT, WESTON URAM, Kenyon College (PAULA MILLIN, Faculty Sponsor)

51 Autism-related Social Deficits and Perseverative Behavior in Mice ANDREW GRAY, MICHAEL LACAGNIN, MICHAEL ADAMS & CODY KING, Wittenberg University (NANCY WOEHRLE, Faculty Sponsor)

52 The Hopeful Life Story: The Effect of Narrative on Hope and Satisfaction with Life

DANIELLE MAURER, Northwestern College (TERRY CHI, Faculty Sponsor)

53 Discrepancies between Objective and Subjective Measures of Sleep in Bipolar I Patients with Comorbid Insomnia

JONATHAN REEVES & JENNIFER KANADY, University of California Berkeley (ALLISON HARVEY, Faculty Sponsor)

54 An Analysis of Binge Eating, Cognitive Restraint and Negative Affect in College Students

NANCY GUZMAN, North Central College (LEILA AZARBAD, Faculty Sponsor)

55 Examining the Correlation Between Eating Behaviors and Perception of Meaning in Life

KELLY FLACK, North Central College (LEILA AZARBAD, Faculty Sponsor)

56 The Associations Between Humor Styles and Distress Intolerance MICHAEL WEBB, Southern Illinois University Edwardsville (PAUL ROSE, Faculty Sponsor)

57 Unique Contributions of Individual Eating Disorder Symptoms to Eating Disorder-Related Impairment

LINDSEY HOVRUD, University of North Dakota (KYLE DE YOUNG, Faculty Sponsor)

58 Examining the Aliases of Self-Objectification: The Similarities and Differences between Measures of Self-Objectification, Appearance Orientation, and Body Surveillance

LINDSEY HOVRUD, DEREK BOGENREIF, DIANA DREESSEN, ANDREA HAHN, SRIJAN KONWAR & SARAH DAHL, University of North Dakota (F. RICHARD FERRARO, Faculty Sponsor)

- **59 Video Game Play Affects Executive Functioning in College Students** ASHLEY COOPER, Ohio State University Newark (MELISSA BUELOW, Faculty Sponsor)
- **60 Psychological Factors and Eating Behaviors among College Women** HANNAH HUENEKE, Webster University (ERIC GOEDEREIS, Faculty Sponsor)
- 61 Relative Predictive Validity of Adult and Juvenile Sexual Offender Recidivism Risk Assessment Tools with Juveniles in Utah SAMANTHA SCHWARTZ, Grinnell College (CHRISTOPHER RALSTON, Faculty Sponsor)

62 The Relationship between Sexual Assault History and Current Substance Abuse

BRANDY MCADAMS-HART, Southern Illinois University Edwardsville (JEREMY JEWELL, Faculty Sponsor)

63 Comparison of Adult and Juvenile Sexual Offender Recidivism Risk Assessment Tools' Predictive Validity with Juveniles in Iowa CLAIRE LOWE, Grinnell College (CHRISTOPHER RALSTON, Faculty Sponsor)

64 What's Wrong with Beautiful?: An Exploration of Gender Bias in Related Programs

DEVON BROWN, Ohio State University (LISA CRAVENS-BROWN, Faculty Sponsor)

65 Improving Decision Making

KURSTIE BEVELHYMER-RANGEL, Ohio State University Newark (MELISSA BUELOW, Faculty Sponsor)

66 Spirituality as a Moderator Between College Adjustment and Psychological Distress and Well-Being

TRACEY RILEY & ALEXANDRA KIRSCH, Loyola University Chicago (COLLEEN CONLEY, Faculty Sponsor)

67 Predictors of Romantic Relationship Satisfaction in the College Setting

TRACEY RILEY & ALEXANDRA KIRSCH, Loyola University Chicago (COLLEEN CONLEY, Faculty Sponsor)

68 Maternal Neurological and Self-reported Emotions in Response to Child Fear

LINDSEY COLLINS, Miami University (ELIZABETH KIEL & ROBIN THOMAS, Faculty Sponsors)

69 Disordered Eating in College Females and Attachment to God as a Protective Factor

JESSICA KUSINA, University of Notre Dame (DANIEL LAPSLEY, Faculty Sponsor)

70 Optimism and Persistence in Creativity

KATLYN GRAYSON, MARY MOELLER, NICOLE AUSTIN & AMANDA MAYES, Ashland University (DIANE BONFIGLIO, Faculty Sponsor)

71 Extroversion and Adjustment to College Life

SHANNA VALENTI, Ashland University (MITCHELL METZGER, Faculty Sponsor)

72 The Influence of Music Tempo and Lyrics on Decision Making BONNIE RINATO, The Ohio State University at Newark (MELISSA BUELOW, Faculty Sponsor)

73 Depression Symptom Categories and Somatic Complaints in a Veteran Sample

ABIGAIL WATERS, University of Michigan (LINAS BIELIAUSKAS, NICOLETTE GABEL & JENNIFER MAROLA, Faculty Sponsors)

74 Evaluating the Effectiveness of Equine-Assisted Psychotherapy in the Treatment of Eating Disordered Patients

KELLY SOBCZAK, University of Wisconsin River Falls (TODD WILKINSON, Faculty Sponsor)

75 Life after Label: Effects of Label and Major on Attitudes toward Schizophrenia

ASHLEY LARSON, DEANIE HECKART & KRISTIN TAYLOR, Missouri Southern State University (KAREN KOSTAN, Faculty Sponsor)

76 Correlates of Effective Self-Regulation Vs. Debilitating Arousal in Female and Male College Students

MADELINE SLACK & DELKIS GONZALEZ, Otterbein University (MICHELE ACKER, Faculty Sponsor)

77 Basic Dimensions of Mania and their Associations with Histrionic and Narcissistic Traits

PATRICK CRUITT, University of Notre Dame (DAVID WATSON, Faculty Sponsor)

78 Gender Differences in Body Image and Self Confidence SAMANTHA GODAR, ANDREW LEWIS & JENNA SANTARELLI, Southern Illinois University Edwardsville (LAURA PAWLOW, Faculty Sponsor)

79 Examining the Effects of Gender and Parental Status on Stigmatizing Attitudes towards Mental Illness RENAE DELUCIA & HOLLIE STEPIEN, Marquette University (STEPHEN SAUNDERS, Faculty Sponsor)

80 The Rational Emotive and Cognitive Behavior Therapy Diathesis-Stress Model of Anxiety: Effects of Priming Dialectic Rational Beliefs JAMES CRUM, Adrian College (STACEY TODARO, Faculty Sponsor)

81 Alcohol Consumption Expectancies and Big Five Personality Traits KAYLA RINKEL, University of Wisconsin - River Falls (RIK SEEFELDT, Faculty Sponsor)

82 Influence of Birth Order and Number of Siblings on Decision Making

BRITTANY ELGERSMA, Ohio State University Newark (MELISSA BUELOW, Faculty Sponsor)

83 Findings From a Drug Court Program of Female Offenders with Co-occurring Disorders

MARA RICHMAN, Kalamazoo College (KATHLEEN MOORE, Faculty Sponsor)

84 The Effects of Exercise on Depression in Adolescents ADAM HANSELL, The College of Wooster (BRYAN KARAZSIA & RICHARD DOPP, Faculty Sponsors)

85 Defining Craving: Understanding and Assessing the Utility of the New Criterion for Diagnosing Alcohol Use Disorders Presented in the DSM-5

OLIVIA ELAM & CALANDRIA FRAZIER, University of Missouri Columbia (KEN SHER, Faculty Sponsor)

86 Can You Spot a Psychopath?

TERESA JONES, Western Illinois University (DAVID LANE, Faculty Sponsor)

87 Endorsement of the Traditional Male Gender Role as a Mediator between Sexual Orientation and Willingness to Seek Help for Body Image Concerns

AMY SCHLUETER, University of Wisconsin Whitewater (BARBARA BEAVER, Faculty Sponsor)

88 Relationship Between Impicit Anger and SuicidalityRABIJE HAJDINI & GREG BARTOSZEK, University of Illinois at Chicago (DANIEL CERVONE, Faculty Sponsor)

89 The Relationship between Positive and Negative Peer Pressure on Risk Taking by Gender

ABBY MEINHART, Southern Illinois University Edwardsville (JEREMY JEWELL, Faculty Sponsor)

PSI CHI POSTER SESSION II CLINICAL & COGNITIVE PSYCHOLOGY POSTERS

Thursday, 9:30-10:20AM

Exhibit Hall

1 The Efficacy of the PEERS Program: Acquisition and Retention of Social Skills Knowledge in Adolescents with Autism Spectrum Disorders (ASD)

JENNIFER HILGER, NINA LINNEMAN & STEPHANIE POTTS, Marquette University (AMY VAN HECKE, Faculty Sponsor)

2 Faculty Response to Student Test Anxiety: An exploratory Study DELKIS GONZALEZ, Otterbein University (NOAM SHPANCER, Faculty Sponsor)

3 Self-Teach Young Athletes Psychological Skills Successful Athletes Have

SAMAH KHAN, University of Illinois at Chicago (GLORIA DAHLBERG-BALAGUE, Faculty Sponsor)

4 The Impact of Being in a Romantic Relationship on One's Body Image

KAITLYN EICHINGER, Illinois Wesleyan University (MARIE NEBEL-SCHWALM, Faculty Sponsor)

5 Taking the 'Dis' out of Disability: A Positive InterventionNATALIE GODLEWSKI, DePaul University (SUSAN MARKUNAS, Faculty Sponsor)

6 Views of Suffering and Emotional Well-Being

MADELINE JARRETT, University of Notre Dame (DANIEL LAPSLEY, Faculty Sponsor)

7 Ethnic Group Differences in Grandparent-Grandchild Relationship Quality

JONATHAN LOPEZ, EMILY STEWART, SURINA CARDENAS, MICAH IOFFE & LAURA PITTMAN, Northern Illinois University (LAURA PITTMAN, Faculty Sponsor)

8 WAIS-IV Digit Span Sequencing Improves Prediction of other WAIS-IV Verbal Working Memory Tasks

KATHRYN RITCHIE, JANEL WASISCO & ELISABETH VOGT, Marquette University (JAMES HOELZLE, Faculty Sponsor)

9 The Influence of Parenting Style on Emotional Evaluation and Comfort in Expressing Emotions in College Students

MICHAEL WEBB, JAMES YARBER, NICOLE CLIFTON & MICHAEL GRESS, Southern Illinois University Edwardsville (CATHERINE DAUS, Faculty Sponsor)

10 Spirituality, Body Dissatisfaction, and Eating Disorders: Testing a Meditational Study

BITA RAD & ALEXANDRA KIRSCH, Loyola University Chicago (COLLEEN CONLEY, Faculty Sponsor)

11 The Effects of Mental Health Diagnoses on Hireability HAYLEY PETTIT, Nebraska Wesleyan University (ABIGAIL

MITCHELL, Faculty Sponsor)

12 Genetic Susceptibility Contributes to Relationship between Subclinical Autism Traits and Weak Central Coherence in Young Adults

KELLI BUCHANAN, University of Missouri Columbia (SHAWN CHRIST, Faculty Sponsor)

13 The Effect of Extraneous Factors on Client Ratings of Psychotherapy Satisfaction

BRIANA MCMAHAN & KIRK LUNNEN, Westminster College (KIRK LUNNEN, Faculty Sponsor)

14 Problematic Alcohol Use in College Students: A Slippery Slope MELISSA KRIAUCIUNAS, ROSE CLAPPER & JESSICA MAAS, Bradley University (AMY BACON, Faculty Sponsor)

15 Depression, Loneliness, and BIS/BAS: Does GPA Make a Difference?

HAYLIE STEWART, JOANNA REW, ZOE BRIER, STEPHANIE LAKE, BRITTNEY BRAXTON, ALEXA ELLIS & CARA HYTINEN, University of Michigan (EDWARD CHANG, Faculty Sponsor)

16 Comparison and Convergence of the MMPI-2 and its Spanish Translation in Bilingual Individuals

MEGAN HERODES, ABIGAIL HELBLING, ELISABETH VOGT & INDRANI THIRUSELVAM, Marquette University (JAMES HOELZLE, Faculty Sponsor)

17 The Effects of Childcare Involvement and Separation Anxiety on Child Paternal Attachment Relationships

AMANDA SMITH, Indiana University Southeast (DIANE WILLE, Faculty Sponsor)

18 Peritraumatic Dissociative Experience Questionnaire Item Predictability of Posttraumatic Stress Disorder

FELICITY HARL, Marquette University (TERRI DEROON-CASSINI, Faculty Sponsor)

19 A Systematic Review of the Relationship between Alexithymia and Risk for Alcohol Use Disorders

KARA BRADLEY & ANGELA HAENY, University of Missouri (KENNETH SHER, Faculty Sponsor)

20 Childhood Antecedents of Personality

TESS SMITH, Purdue University (DOUGLAS SAMUEL, Faculty Sponsor)

21 Psychopathy in Daily Life

ERICA GURNELL, EMILY SHERMAN & COLIN VIZE, Purdue University (DONALD LYNAM, Faculty Sponsor)

22 Grandparent-grandchild Relationship Quality as a Buffer to the Association between Parental Mental Health and Young Adult Psychological Adjustment

GUADALUPE LOPEZ, MICAH IOFFE, SURINA CARDENAS & EMILY STEWART, Northern Illinois University (LAURA PITTMAN, Faculty Sponsor)

23 Factors Impacting Peer and Romantic Relationship Quality
JILLIAN ROBERTSON, DANIAL ZONNA & KAYLA KEDZIOR, Penn
State Erie, The Behrend College (CHARISSE NIXON & MELANIE
HETZEL-RIGGIN, Faculty Sponsors)

24 Normative Beliefs as a Mediator between Body Dissatisfaction and Disordered Eating

ANTONIA JURKOVIC, DIVYA ROBIN, MEGAN DYER, NICOLE GREENHILL & SHELBY JACKSON, Illinois Wesleyan University (MARIE NEBEL-SCHWALM, Faculty Sponsor)

25 Emotional Understanding as a Mediator of ADHD Symptoms and Social Functioning

HOLLY POORE, University of Kentucky (RICHARD MILICH & ELIZABETH LORCH, Faculty Sponsors)

26 Therapy Dogs for Stress Reduction

LAUREN SEBEK, Simpson College (DON EVANS, Faculty Sponsor)

27 Violence Exposure and Mood Among Latino Middle School Students

JEFFERSON URIARTE & STEPHANIE BREWER, Loyola University Chicago (CATHERINE DECARLO SANTIAGO, Faculty Sponsor)

28 Attachment Style, Perceived Social Support, and Susceptibility to Depression

MIRANDA DEAN, Simpson College (DON EVANS, Faculty Sponsor)

29 The Role of Same-sex and Co-educational Colleges in Eating Disorders among College Women

MEGAN GRIFFIN, Cottey College (SELENA KOHEL, Faculty Sponsor)

30 Initial Construction of an Instrument Designed to Identify Limerence in Individuals

NOAH WOLF, Southeast Missouri State University (SHAWN GUILING, Faculty Sponsor)

31 Differences in the Prevalence of DSM-IV vs. DSM-5: Criteria vs. Algorithm

CALANDRIA FRAZIER & OLIVIA ELAM, University of Missouri Columbia (KENNETH SHER, Faculty Sponsor)

32 The Roles of Peers, Parents and Family History in Substance Use Among College Students

ANGELA HOLTH, Hamline University (SERENA KING, Faculty Sponsor)

33 Parental Perception of Social Anxiety in Adolescents with ASD Following PEERS Intervention

JANEL WASISCO & STEPHANIE POTTS, Marquette University (AMY VAN HECKE, Faculty Sponsor)

34 Measuring Incentive Salience

LAUREN MILNER, University of Missouri (JOHN KERNS, Faculty Sponsor)

35 Hysterically Historical: Archival Analysis of Hysteria in the Psychological Literature from 1733-Present

LEAH PETERSON, JESSICA JOHNSON, AMANDA HAMMERSENG & LISA ARMEDARIZ, University of St. Thomas (JEAN GIEBENHAIN, Faculty Sponsor)

36 Personal Choice in Classroom Seating, Perceptions of Classroom Environment, and Expected Academic Outcomes

DESTINY BROOKS, Southeast Missouri State University (SHAWN GUILING, Faculty Sponsor)

37 Economic Benefits of Multisystemic Therapy for Serious Juvenile Offenders and Their Siblings: An Updated Cost-Benefit Analysis AMELIA SORG, University of Missouri (CHARLES BORDUIN, Faculty Sponsor)

38 The Effects of Body Checking on Body Satisfaction and Body Size Estimation

AMY DADISMAN, John Carroll University (JANET LARSEN, Faculty Sponsor)

39 Comparison of Facial Recognition between College Freshmen and Seniors

JOE HADDOX, GARRET FOWLER, JOE GREGORY, KELSEY GLEESON, ANNA WISKIRCHEN, NICHOL DAVIS, ERIN KING,

HARYL STARKEY, EMILY BAUER, EMILY AKERS & MADISON SIMAN, Truman State University (SAL COSTA, Faculty Sponsor)

40 Betrayal Trauma: How Survivors Interpret Conflict with Authority Figures

JOHN MOORE & KATEY MARSH, Penn State Erie, The Behrend College (MELANIE HETZEL-RIGGIN, Faculty Sponsor)

- **41 Prefrontal Brain Asymmetry and Human Learned Helplessness** SAMANTHA REZNIK, NARUN PORNPATTANANANGKUL, JAMES COAN, EDDIE HARMON-JONES, ROBIN NUSSLOCK, Northwestern University, University of Virginia & University of New South Wales (ROBIN NUSSLOCK, Faculty Sponsor)
- **42** The Effect of Music Tempo on Reported Anxiety
 JOE GREGORY, MEGAN HOHENSTEIN, GREG SCHEETZ, MALLIKA
 RAMAN & JEREMIAH JOHNSON, Truman State University (SAL
 COSTA, Faculty Sponsor)
- 43 Investigating the Effects of Positive Symptomology and the Schizophrenia Label on Stigmatizing Behaviors in Undergraduates BRITTANY JONES, Southern Illinois University Edwardsville (DANIEL SEGRIST, Faculty Sponsor)
- 44 Estimates of Tobacco Use Disorder Heritability based on Inclusion into Latent Classes

KATI SEITZ, University of Missouri (IAN GIZER, Faculty Sponsor)

- 45 Impacts of Acceptance and Reappraisal Training on Physiology, and Self-Reported Emotions, Mental Health, and Flourishing SYDNEY TIMMER & KATRINA CUISON, Hope College (LINDSEY ROOT LUNA, Faculty Sponsor)
- **46 Effects of Financial Stress on Parenting and Children Behaviors** ELAINE MARES, Governors State University (CRYSTAL BLOUNT, Faculty Sponsor)
- **47 Effects of Exposure to Community Violence**SOPHIA SMITH & CYNTHIA PIERRE, Loyola University Chicago
 (NONI GAYLORD-HARDEN, Faculty Sponsor)
- 48 Under-Recognized and Under-reported: A Study of Rural Health Care Providers' Confidence to Recognize and Report Child Abuse

REANNA WEIDNER, Greenville College (ERIC WATTERSON, Faculty Sponsor)

49 Individual, Family, and Peer Characteristics of Juvenile Offenders Exposed to Intimate Partner Violence

SARAH WEHMER, University of Missouri Columbia (CHARLES BORDUIN, Faculty Sponsor)

50 Effect of an Alcohol Placebo on Working Memory

ERICA BIZUB, University of Missouri - Columbia (TODD SCHACHTMAN, Faculty Sponsor)

51 How Financial Disparities Affect Undergraduate Students

DANIELLE ADAMS, Roosevelt University (STEVEN MEYERS, Faculty Sponsor)

52 Goal Comprehension Mediates the Relation Between ADHD Symptoms and Social Functioning Deficits

MADELINE DORAN, University of Kentucky (ELIZABETH LORCH & RICHARD MILICH, Faculty Sponsors)

53 So Punny: Puns, Humor, & Recall

CLARE FIELDING, MYRA MILAM, ERIN SMITH, AMANDA CRAWFORD & ROBERTO RENTERIA, Truman State University (KAREN VITTENGL, Faculty Sponsor)

54 Development of an Instrument for Determining Learning Strategies NATHAN MAEYS, ALISSA DYMES, EMILY SINN, HOLLI SNIDER, JULIA LEONARD & BOWEN STEELE, Lindenwood University (CYNTHIA FADLER, Faculty Sponsor)

55 Retrieval Inhibition in Directed Forgetting: Is it an isolated or distributed phenomenon?

REBECCA POST, KEELAN GOETTSCH & LEAH VELISEK, Augustana College (DANIEL CORTS, Faculty Sponsor)

56 Intrusion Errors in Older Adults Induced by Recognition Practice TED MALDONADO, Manchester University (ASHLEIGH MAXCEY, Faculty Sponsor)

57 How Does Recognition-induced Forgetting in Children Appraise the Instructional Method of Schema Activation?

JESSICA BOSTIC, ASHLEY KANN, TRAVIS ADKINS & ZABRIAN MILLS, Manchester University (ASHLEIGH MAXCEY, Faculty Sponsor)

58 Examining the Mechanism Responsible for Recognition-induced Forgetting

BRANDY LEEPER, JOE HUNTER & COURTNEY MENSING, Manchester University (ASHLEIGH MAXCEY, Faculty Sponsor)

59 The Effect of Bilingualism on Spatial Memory

JAYLEEN MELÉNDEZ, Cleveland State University (NAOHIDE YAMAMOTO, Faculty Sponsor)

60 The Role of Rehearsal on Performance of a Closed-Motor Skill CHRISTIAN DOYLE, Dakota Wesleyan University (ANNE KELLY, Faculty Sponsor)

61 Unconscious Plagiarism in Younger and Older AdultsJESSICA ROSS, University of Missouri (MOSHE NAVEH-BENJAMIN, Faculty Sponsor)

62 Is Mindfulness Hurting Your Implicit Awareness?DANIEL DUFFY, MATTHEW CARBONELLI & J. COLEMAN HEANEY, Loras College (SARA BAGLEY, Faculty Sponsor)

63 Does Handedness Predict Likelihood of Belief Updating?ADAM POPPE, University of Michigan Flint (JEANNETTE STEIN, Faculty Sponsor)

64 The Effect of Speech Rate and Implied Motion in an Object Recognition Task

ALEX SWEARINGEN, The Ohio State University at Newark (JULIE HUPP, Faculty Sponsor)

65 How do People Sketch Maps? Evidence for Top-down versus Bottom-up Processing

JORDAN KNIPPER, Wright State University (HERBERT COLLE, Faculty Sponsor)

66 Possible Negative Effects of Short-Answer TestingHOLLI SNIDER & JULIA LEONARD, Lindenwood University
(CYNTHIA FADLER, Faculty Sponsor)

67 The Effect of Visual Stimuli on Emotions

DYLAN PELHAM, Ashland University (DIANE BONFIGLIO, Faculty Sponsor)

- **68 The Effect of Creative Play on Divergent Thinking**JENNA ADAMS & CLAIRA SIEVERDING, Loras College (JULIA OMARZU, Faculty Sponsor)
- **69 The Effects of Bilingualism and Attention on False Memory** SABHEEN MOHSIN, North Central College (DANIEL VANHORN, Faculty Sponsor)
- **70 Overcoming Fixation in Creative Problem Solving**AIMEE FIZOR, University of Illinois at Chicago (JENNIFER WILEY, Faculty Sponsor)
- **71 Strategies Involved in Retrieving Remote versus Recent Memories** ANNA MCGHEE, University of Missouri Columbia (JEFFREY JOHNSON, Faculty Sponsor)
- **72 Experiential Probability Training Reduces Cognitive Biases**KELSEY LEWIS, The Ohio State University (ELLEN PETERS, Faculty Sponsor)
- 73 Interaction of Implicit Theories and Feedback on Motor Skill Acquisition

RYAN GOUGH, SARAH OSIER & EMMA THOMPSON, Augustana College (DANIEL CORTS, Faculty Sponsor)

- **74** Glucose and Effects on Verbal Memory Recall COURTNEY GALLIGHER & DIANE BONFIGLIO, Ashland University (DIANE BONFIGLIO, Faculty Sponsor)
- **75 The Effect of Color and Emoticon Use on Memory** CERENITY LOUIS, University of Wisconsin River Falls (LISA ISENBERG, Faculty Sponsor)
- **76 The Effects of Auditory Distraction In a Word Learning Task** LAUREN EVANO, Ohio State University Newark (MELISSA JUNGERS, Faculty Sponsor)
- 77 The Effect of Eye Closure on Recall within a Signal Detection Model TAYLOR WARNER, Dakota Wesleyan University (ANNE KELLY, Faculty Sponsor)
- 78 "I Think You Did It...": Eyewitness Testimony and the Effects of Misleading Information

KATHERYN KNAPP & KATIE MAJERUS, University of Wisconsin La Crosse (BIANCA BASTEN, Faculty Sponsor)

79 The Production Effect and Item-Order Encoding BETHANY KREGIEL, John Carroll University (ANGELA JONES, Faculty Sponsor)

80 How does Math Anxiety Affect Working Memory Capacity?SALMA AYAZ & ERIN SOVANSKY, University of Illinois at Chicago (JENNIFER WILEY, Faculty Sponsor)

81 The Role of Text, Task, and Reader in Literary Interpretation GABRIELLE FORCIER, University of Illinois at Chicago (KATHRYN MCCARTHY & SUSAN GOLDMAN, Faculty Sponsors)

82 The Jewels of Job Selection: Analyzing Three Variations of the Tower of London

KYLE DEE, KAYLEE MOESLEIN, ALESSANDRA MORBIDELLI, DALLAS GARRISON, DAMON MCHUGH, KELLY HERNANDEZ, SHANNON DOLAN & NORA COOK, Bradley University (ALLEN HUFFCUTT, Faculty Sponsor)

83 Communication Recall: Differences Between Face-to-Face, Video, and Written Text

EMILY PALMER, University of Michigan - Flint (JEANNETTE STEIN, Faculty Sponsor)

84 Can Deaf Signers Use Visual Codes to Reduce Reported Deficits in Serial Recall?

TYLER MCFAYDEN, Davidson College (KRISTI MULTHAUP, Faculty Sponsor)

85 Learning Practices Amongst College Students

BRIANNA BARTOSZEWSKI, MEGAN DEKEYSER, ELISABETH GEHRKE, KAYLA KLEMM, BREANNA-ROSE OLSON & JENNIFER PANSKE, University of Wisconsin Green Bay (REGAN GURUNG, Faculty Sponsor)

86 Sketch Map Measures of Configural Spatial Knowledge: Manipulation of Self-Drawn Context

STEFFANI HOELSCHER, Wright State University (HERBERT COLLE, Faculty Sponsor)

87 Effects of Valence and Mood-Congruence on False Memory of Emotional Information

SEAN BRADY & KAYLA BARTZ, North Central College (DANIEL VANHORN, Faculty Sponsor)

88 Sketch Map Measures of Configural Spatial Knowledge: Manipulation of Self-Drawn Context

STEFFANI HOELSCHER, Wright State University (HERBERT COLLE, Faculty Sponsor)

89 Pain on the Brain: Sematic Symptoms and Cognitive Function HAJIRA CHAUDHRY & ALEXANDER HAYEK, University of Michigan (NICOLETTE GABEL, JENNIFER MAROLA & LINAS BIELIAUSKAS, Faculty Sponsors)

PSI CHI POSTER SESSION III COGNITIVE & DEVELOPMENTAL POSTERS

Thursday, 10:30-11:20AM

Exhibit Hall

1 Infrequent Primes Elicit the Semantic Priming Effect SHANNON MCKNIGHT, College of Wooster (GRIT HERZMANN, Faculty Sponsor)

2 Pupil Dilation and Single-Channel EEG as Measures of Concentration

KRISTEN BISHOP, Andrews University (KARL BAILEY, Faculty Sponsor)

3 Effects of Framing and Magnitude of Payout on Decision Making DAVID NIEDOBER, California State University Northridge (MAURA MITRUSHINA, Faculty Sponsor)

4 Effectiveness of Sound Localization and Auditory Cues When Identifying Amount of Degrees Rotated

LEAH PETERSON, EMERE PETERSON, BRITTANY HASSMAN & SUSIE SILVA, University of St. Thomas (SARAH HANKERSON, Faculty Sponsor)

5 #babyfever: Social and Media Influences on Fertility DesiresMACKENZIE JANTSCH, LORA ADAIR, KAREN AKAO &
SAMANTHA BRANDT, Kansas State University (GARY BRASE, Faculty Sponsor)

6 The Utility of Online Study Aids: A Test of Three Options
AMARRA BRICCO, LAUREN VIEAUX, SAMANTHA ZWEERINK,
HEIDI FREE, ANNA GIRDAUSKAS & SAMANTHA LAGINA,
University of Wisconsin Green Bay & University of Wisconsin Oshkosh
(REGAN GURUNG, Faculty Sponsor)

7 A Cross-Generational Qualitative Examination of Nature and Technology Memories

LAUREN BYRNE & EVAYN ROPER, Loras College (LISA GRINDE, Faculty Sponsor)

8 Effect of Propranolol on Working Memory and Relationship with Sympathetic Reactivity and Functional Connectivity
LANDON ROHOWETZ, JOHN HEGARTY & BRADLEY FERGUSON,
University of Missouri - Columbia (DAVID BEVERSDORF, Faculty Sponsor)

9 The Effect of Automatic and Controlled Processing of Literal and Metaphorical

FELICIA MATA, LAUREN JANNESS & JENNA SUTTON, Hope College (GWENDA SCHMIDT-SNOEK, Faculty Sponsor)

10 Personal Memories Across the LifetimeDREW BARNES, Augustana College (DANIEL CORTS, Faculty Sponsor)

11 Fading Affect Bias for Shared Emotional Experiences KATHERINE DEPA, DREW BARNES, A. AYANNA WADE & MACKENZIE MORIARTY, Augustana College (DANIEL CORTS, Faculty Sponsor)

12 The Use of Priming to Establish Components of Scene Schemas SAMANTHA BRINDLEY, TERESA LIND, LAUREN STUART, BROOKE HOWARD, JOSH GRABOW, BENJAMIN HOLM & KIMBERLY MEERSCHAERT, Saginaw Valley State University (MATTHEW MARGRES, Faculty Sponsor)

13 Effect of Word Animacy on Short-Term Memory Span CONRAD ERCK & JOSHUA VANARSDALL, Purdue University (JAMES NAIRNE, Faculty Sponsor)

14 Cognitive Load and Stress as Factors for Word Recognition BRODY KNAAK, University of Wisconsin Platteville (SEAN SHIVERICK, Faculty Sponsor)

15 How Gender Affects Neuropsychological Functioning and the Brain after Head Injury

RENEE DEVIVO, College of Wooster (GRIT HERZMANN, Faculty Sponsor)

16 The Effects of Schizotypal Traits on Working Memory and the Semantic Network

STEPHANIE MCMANIMEN, Indiana University Northwest (FRANCES DANIEL, Faculty Sponsor)

17 The Influence of Procrastination on Statistical Reasoning Abilities RACHEL PEYTON, Indiana University Northwest (FRANCES DANIEL, Faculty Sponsor)

18 Fraction Knowledge Development for Intellectually Gifted Children SARAH BECKTELL, University of Missouri Columbia (DAVID GEARY, Faculty Sponsor)

19 Objects Cannot Think: Objectification and Female Cognition RACHEL HUNTER, Dominican University (TRACY CALDWELL & ROBERT CALIN-JAGEMAN, Faculty Sponsors)

20 How individualist and collectivist traits influence risky decisions LORETTA ANEKWE, Indiana University Northwest (FRANCES DANIEL, Faculty Sponsor)

21 How Self-Reported Drug Use Influences Automatic Processes Involved in Word Recognition

MARY-THERESE HOFFMAN, LISA JOYNER & NICOLE PETTIT, Indiana University Northwest (FRANCES DANIEL, Faculty Sponsor)

22 How Second Language Proficiency Influences Framing Effects ELIZABETH LEWANDOWSKI, JULIE CONLEY-SHELTON & ALEKSANDRA MARINCESKI, Indiana University Northwest (FRANCES DANIEL, Faculty Sponsor)

23 The Influence of Self-Reported Primary Psychopathic Traits on Contextual Reasoning

JESSICA TYLICKI & JILLIAN JOYCE, Indiana University Northwest (FRANCES DANIEL, Faculty Sponsor)

24 (Im)Personally Meaningful: Individual Differences that Affect Details of Memories

LINDSAY THOLEN, College of Saint Benedict/Saint John's University (BENJAMIN FABER, Faculty Sponsor)

25 #notallowedto: Sex Differences in Jealousy and Mate Guarding in Social

SAMANTHA BRANDT, LORA ADAIR & MACKENZIE JANTSCH, Kansas State University (GARY BRASE, Faculty Sponsor)

26 Visual Cognition While Listening to Stories

NATHALIE BORGES, Andrews University (KARL BAILEY, Faculty Sponsor)

27 Effect of Image Congruency and Media Variables on Headline Believability and Recognition

EMILY DARUGAR & ASHLEY FEHR, Christopher Newport University & Old Dominion University (JEFFREY GIBBONS, Faculty Sponsor)

28 Reversing the Other Race Effect: The Influence of Emotional Facial Expression and Social Contact on Facial Recognition and Memory EMILY NEUHOFF, The College of Wooster (GRIT HERZMANN, Faculty Sponsor)

29 Eyewitness Memory

EMMA CRAWFORD, ALEXIS GEIGER & BRITTANY ZINNEL, University of Wisconsin La Crosse (BIANCA BASTEN, Faculty Sponsor)

30 The Influence of Shot Distance and Streak Type on the Perceptions of a Hot Hand in Basketball

LAURA MURRAY, Davidson College (KRISTI MULTHAUP AND SCOTT TONIDANDEL, Faculty Sponsors)

31 Relating Personality to Flicker Change Detection

DALTON NEU, BRITT JOHNSON, THOMAS BOYCE & ELSA DUMKE, University of St. Thomas & Saint Catherine's University (GREG ROBINSON-RIEGLER, Faculty Sponsor)

32 How Perceived Difficulty and Actual Difficulty Affect Metacognition and Recall

ALEXANDER TOFTNESS, University of Wisconsin River Falls (LISA ISENBERG, Faculty Sponsor)

33 Mental Load and Eye Movement Patterns

D'SHAWN HARRIGAN, Andrews University (KARL BAILEY, Faculty Sponsor)

34 Tracking Affect and Believability of Headlines Post 2012 Presidential Election

MORGAN EPSTEIN, CHRISTOPHER BOYER, LAUREN SHRIVER, SARAH DAVIS, TAYLOR THOMAS & LAUREN GOODEN, Christopher Newport University & Virginia Commonwealth University (JEFFREY GIBBONS, Faculty Sponsor)

35 Examining the Magnitude of Fading Affect Bias across Death and Regular Unpleasant Events

KALLI WILSON, EMILY DARUGAR, EMANI WADE, MICHAEL LUTZ, ASHLEY FEHR, CLAIRE BRANTLEY, Christopher Newport University (JEFFREY GIBBONS, Faculty Sponsor)

36 Modality Switch within Conditional Reasoning Task NATHANIEL YOUNG, Eastern Illinois University (SRIKANTH DANDOTKAR, Faculty Sponsor)

37 Effect of Multiple Deaths on Maturing of Death Attitudes over Time EMILY DARUGAR, KALLI WILSON, TARYN LEWIS, EMANI WADE, MICHAEL LUTZ & ASHLEY FEHR, Christopher Newport University & Old Dominion University (JEFFREY GIBBONS, Faculty Sponsor)

38 Understanding the relationship between trait mindfulness, anxiety, thought suppression, and risk behavior

MICHAEL HAHN, Southern Illinois University Edwardsville (JOSEPH MEEKS, Faculty Sponsor)

39 Auditory Tempo and Its Effects on Visual Perception of Speed MELINDA MAHONEY, University of St. Thomas (SARAH HANKERSON, Faculty Sponsor)

40 The Effect of Video Game Play on a Spatial Span Task for Athletes and Non-Athletes

CARLOS MORA, Dakota Wesleyan University (ANNE KELLY, Faculty Sponsor)

41 The Relationship Between Technology and Memory Use: Have Smart Phones Replaced Smart Memories?

MARIA POST, SAMANTHA MATSCHI, MARIA PALACIOS PIRKL & CAITLIN KELLY, University of St. Thomas (GREGORY ROBINSON-RIEGLER, Faculty Sponsor)

42 Acoustic and Perceptual Variation Across Hindi, Spanish, American English, and German Vowels

DANIELLE MEYER & ALEJANDRA GUZMÁN, Hope College (SONJA TRENT-BROWN, Faculty Sponsor)

43 Emotional Primes do not Affect the Judgment of Other's Pain KAIRA BATTISTA, John Carroll University (JANET LARSEN, Faculty Sponsor)

44 The Effect of Energy Drinks on Visual Attention Task Performance GWYNNE ROSE, KATHERINE STEVENSON & BLAINE LEWIS, Centre College (KATIEANN SKOGSBERG, Faculty Sponsor)

45 Using Attention to Remember Spatial Locations: Evidence for Mental Refreshing of Nonverbal Information?

MICHAEL BARKER, University of Missouri (NELSON COWAN & EVIE VERGAUWE, Faculty Sponsors)

46 Individual Differences in Resiliency and Childhood Environment in the Context of Counter-Preference Problem-Solving

LISA RIDGLEY, Youngstown State University (JULIE BLASKEWICZ BORON, Faculty Sponsor)

47 The Effect of Media Multitasking on State-Anxiety

HANNAH GALLENTINE, Nebraska Wesleyan University (ABIGAIL MITCHELL, Faculty Sponsor)

48 Looming and the Other-Race Effect: Is racial bias implicit or learned by social upbringing?

MAMOUDOU N'DIAYE, The College of Wooster (GRIT HERZMANN, Faculty Sponsor)

49 Attraction in Online Dating

KELLY MARIE WALSH, University of Michigan - Flint (MARIANNE MCGRATH, Faculty Sponsor)

50 Stress-mediated Alterations in Cognitive Abilities Due to 5-HTT Serotonin Transporter Genotype

JEFF WIEGERS, University of Missouri - Columbia (DAVID BEVERSDORF, Faculty Sponsor)

51 The relationship Between Gender and Personality on Prospective Memory

NICOLE SCHULZ, REBEKAH DOCTER, BRYTON THOREN & ASHLEY BUEHLER, Central College (KEITH JONES & ASHLEY SCOLARO, Faculty Sponsors)

52 Word Recall as Facilitated by Color

EVAN BOUSHON, Edgewood College (FERRINNE SPECTOR, Faculty Sponsor)

53 Assessing Military Stereotypes

FELICIA VANDENEST & SLADJANA TODOROVIC, Minnesota State University, Mankato (KARLA LASSONDE, Faculty Sponsor)

54 Personality Traits and Cognitive Processes

ABBY BECKER, CARLY DENT & BAILEY MORGAN, University of St. Thomas (GREGORY ROBINSON-RIEGLER, Faculty Sponsor)

55 Stimulus Color and Eye Movement Patterns in Response to Stories MELISSA BAPTISTE, Andrews University (KARL BAILEY, Faculty Sponsor)

56 Item-nonspecific Proactive Interference in Visual Working Memory Based on Stimulus Similarity

CLAIRE JOHNSON, University of Iowa (AMY POREMBA & JAMES BIGELOW, Faculty Sponsors)

57 The Testing Effect: Who Benefits?

JOSEPH HANKS, NATHAN ROBERTS, KATIE MOUNT, COLLIN RIBERDY & HOLLY BILLITER, Olivet Nazarene University (DALE SMITH, Faculty Sponsor)

58 The Effects of Physical Demands and Spatial Working Memory Capacity on Recall

JUL TEHOVNIK, Adrian College (AMY HILLARD & STACEY TODARO, Faculty Sponsors)

59 The Relationship between Complexity and the Sociobiological Relevance of Gaze Cues on Inhibition of Return

TODD VOGEL, Southern Illinois University Edwardsville (THAD MEEKS, Faculty Sponsor)

60 Testing Effect and Map Learning

SCOTT FUSCO, CHRISTINA CROMETT & MARK KORANDA, University of St. Thomas (GREGORY ROBINSON-RIEGLER, Faculty Sponsor)

61 Accent Modification for Second Language Users: Effects of Motivation and Gender

LAUREN MASON, University of Missouri (JUDITH GOODMAN, Faculty Sponsor)

62 Stuck On Stereotypes: The Relationship of Working Memory to Inflexible Perseverance Under Stereotype Threat

BRAD WILSON, University of Illinois at Chicago (JENNIFER WILEY, Faculty Sponsor)

63 Study Conditions and Working Memory

KALE SIEBERT, KIRSTIN BIGELBACH & BETHANY CINK, University of St. Thomas

64 Restorative Effects of Nature on Executive Attention

ALEXANDRA KANTOROWICZ, CAITLIN KELLY & KATELYN REYNOLDSON, University of St. Thomas (GREG ROBINSON-RIEGLER, Faculty Sponsor)

65 A Comparison of Acoustic Vowel Spaces in the Hindi and Punjabi Languages

DIVYA DHALIWAL, Hope College (SONJA TRENT-BROWN, Faculty Sponsor)

66 One Triflin' Research Project: The Study of the Word Triflin' and Its Implications in African American Vernacular English SARAH HARVIN & MARIANA THOMAS, Hope College (SONJA

TRENT-BROWN, Faculty Sponsor)

67 Effects of Distractors During a Sustained Attention TaskKELLY BERGSTROM, University of Wisconsin Superior (ELENI PINNOW, Faculty Sponsor)

68 An Investigation of the Role and Use of Mental Imagery in Levels of Sport Expertise

KRISTALYN MANKA, Purdue University North Central (CYNTHIA ZDANCZYK, Faculty Sponsor)

69 Summary vs Free Recall: Searching for the Most Effective Learning Strategy

COREY GUILFORD, Purdue University (JEFFERY KARPICKE, Faculty Sponsor)

70 Task Switching: Impact of Infrequent Switches

BRANDON RICHARDS & JOSEPHINE NILSSON, Saint Cloud State University (LESLIE VALDES, Faculty Sponsor)

71 The Role of Parents' Marital Status in the Association between Young Women's Relationships with Their Fathers and Romantic Partners

CHANELL WASHINGTON, University of Missouri (NICOLE CAMPIONE-BARR, Faculty Sponsor)

72 Quality of marital relationships and its impact on different forms of parental control

SUZANNE REDINGTON, University of Missouri - Columbia (NICOLE CAMPIONE-BARR, Faculty Sponsor)

73 Age & Time Associations of Internalizing and Externalizing Symptoms Among Adolescent Siblings

CHELSEA MILLER, University of Missouri - Columbia (NICOLE CAMPIONE-BARR, Faculty Sponsor)

74 Quality of Parent-Child Relationships and the Effects on Child's Romantic Relationships

REBECCA HIGGINS, University of Missouri (NICOLE CAMPIONE-BARR, Faculty Sponsor)

75 Spatial Thinking and Sketching among Middle School Students Engaged in Hands-on Engineering Design Activities

XAVIER KEITH PRICE KIRKHAM & KAY RAMEY, Northwestern University (DAVID UTTAL, Faculty Sponsor)

76 Overall Similarity Facilitates Young Children's Symbolic Understanding

EMILY LIQUIN, MEREDITH DEHAAS, CHELSEA GUSTAFSON & KELLY SHEEHAN, Northwestern University (DAVID UTTAL, Faculty Sponsor)

77 A Quantitative Analysis of Pragmatic Language in Adults with High-Functioning Autism

KERRIANNE MORRISON, The Ohio State University (LAURA WAGNER, Faculty Sponsor)

78 The Effect of Intent Training on Theory of Mind and Inhibition in Preschool Children

AUDREY LONG & RYAN POTEMPA, Bradley University (DEREK MONTGOMERY, Faculty Sponsor)

79 Parental Psychological Control and the Development of Identity in Emerging Adulthood

LISA RAGUE, University of Notre Dame (DANIEL LAPSLEY, Faculty Sponsor)

80 Family Agreement Regarding Perceived Cohesion and Internalizing Symptoms in Children

CAROLYN TUREK, University of Notre Dame (E. MARK CUMMINGS, Faculty Sponsor)

81 Concreteness Fading in Mathematical Equivalence

CASEY HALL, University of Notre Dame (NICOLE MCNEIL, Faculty Sponsor)

82 Perceived Parental Stress in Parents with Children with a Mental Health Disorder

ERIKA GARCIA & ALEX MARCEL, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)

83 Positive Maternal Child-Schemas Predict Children's Self-Concept Consistency

CHRISTINA MONDI & MICHELLE COMAS, University of Notre Dame (KRISTIN VALENTINO, Faculty Sponsor)

84 Prediction of ODD Behaviors from Adolescent Hyperactivity and Negative Maternal Parenting

KAITLYN EGAN, University of Notre Dame (DAWN GONDOLI, Faculty Sponsor)

85 Gestational Age at Term, Delivery Circumstance, and Their Association with Childhood Attention Problems

DANA ALLSWEDE, Kalamazoo College (NICOLE TALGE, Faculty Sponsor)

86 Family Conflict, Emotional Security, and Adolescent Adjustment: Examining the Effectiveness of a Community Intervention Program KELSEY HOWARD, University of Notre Dame (E. MARK CUMMINGS, Faculty Sponsor)

87 Mothers' Use of Inferential Language and Preschoolers' Narrative Comprehension

SUSANNA NICOL, The Ohio State University (VIRGINIA TOMPKINS, Faculty Sponsor)

88 Nurturing a Love for Nature: An Investigation of Parental Influence on Children's Environmental Beliefs

EMILY GROVER, The College of Wooster (SUSAN CLAYTON, Faculty Sponsor)

89 Parents Status Predicting Priorities

JULIE FREEDMAN, Kenyon College (DANA KRIEG, Faculty Sponsor)

PSI CHI POSTER SESSION IV DEVELOPMENTAL, EXPERIMENTAL, AND HEALTH PSYCHOLOGY POSTERS

Thursday, 11:30AM-12:20PM

Exhibit Hall

1 Childhood Trauma as a Predictor of Exchanging Sex for Money HIRA REHMAN, AMANDA VASQUEZ, University of Illinois at Chicago (SARAH ULLMAN, Faculty Sponsor)

2 Children's Preferences on Picture Book

QINGQING XIA, Ohio State University (LAURA WAGNER, Faculty Sponsor)

3 The Likeability of Non-Traditional, Egalitarian, and Traditional Families

ZOE SMITH, Kenyon College (DANA KRIEG, Faculty Sponsor)

4 An Examination of Psychological Well-Being in Young Adults SANDRA NATOLE, Heidelberg University (VIRGINIA GREGG, Faculty Sponsor)

5 Nightmares and Kindergarten-Aged Children

MEGAN DANDURAND, Eastern Illinois University (MARGARET FLORESS, Faculty Sponsor)

6 Sexual Assault, Permissive Sexual Attitudes and Triggers of Adolescent Dating Aggression

ANDREA BELLOVARY & CHRISTINA CAIOZZO, Marquette University (MICHAEL WIERZBICKI, Faculty Sponsor)

7 The Influence of Parenting Style on College Students' Drinking Behavior

JENNIFER CHARLTON, University of Michigan Flint (JEANNETTE STEIN, Faculty Sponsor)

8 Emotion Recognition as an Index of School Readiness in Preschoolers ALLYSON TEUTEMACHER, MARISSA KORANDA, JARRETT LINDSEY, CASEY MOLLOY & RYAN POTEMPA, Bradley University (DEREK MONTGOMERY, Faculty Sponsor)

9 Child Sleep and School Liking and Avoidance

ALLISON PERKINS & TREVOR NICHOLS, University of Kentucky (PEGGY KELLER, Faculty Sponsor)

10 Alcohol Use as a Moderator of the Relationship Between Emotion Regulation and Victimization

MOLLY EDWARDS, CHRISTINA CAIOZZO & JOHN GRYCH, Marquette University (MICHAEL WIERZBICKI, Faculty Sponsor)

11 Sand In or Sand Out: Infants' Ability to Reason about Substances and Objects

LAUREN SCHNEIDER, University of Missouri (KRISTY VANMARLE, Faculty Sponsor)

12 Does Imposing Delays on Reaction Time Tasks Adversely Impact Young Children's Accuracy?

MARISSA KORANDA, JARRETT LINDSEY & ALLYSON TEUTEMACHER, Bradley University (DEREK MONTGOMERY, Faculty Sponsor)

13 Hypothesis Testing and Problem Solving at a Children's Museum FORTUNATO MEDRANO & ERIN JANT, Northwestern University (DAVID UTTAL, Faculty Sponsor)

14 Parenting Style and Autonomy: A Study with Parents and their Emerging Adult Children

BRIANNE MADDEN, Illinois State University (PATRICIA JARVIS, Faculty Sponsor)

15 School Start Times and School Achievement

OLIVIA SMITH, University of Kentucky (PEGGY KELLER, Faculty Sponsor)

16 Cross-Cultural Study on Selective Attention: Comparing the Effects of Nature on Belizean and American School Children

BRIANNE BULETKO, Otterbein University (MICHELE ACKER, Faculty Sponsor)

17 Occupational Gender Stereotypes in Middle School Children DREW MARKLEY, MICHELE ACKER & MEREDITH MEYER, Otterbein University (MEREDITH MEYER, Faculty Sponsor)

18 The Link between Parental Marital Status and the Increase of Friends with Benefit Relationships

SAMANTHA SMITH, The University of Findlay (ANDREA MATA, Faculty Sponsor)

19 The Influence of a Field's Ability Beliefs and Gender Composition on Women's Representation

HEEYOUNG KIM, University of Illinois, Urbana-Champaign (ANDREI CIMPIAN, Faculty Sponsor)

20 Parents' Differential Treatment toward Children and its Effect on Sibling Relationships

CHLOE COLLINS, Hamline University (PAULA MULLINEAUX, Faculty Sponsor)

21 Examining the Relationship between DRD4 Gene Polymorphisms and Emotion Recognition Skills in Children ages $6\ to\ 10$

ERNEST MILLER & MATTHEW JAMNIK, Southern Illinois University Carbondale (LISABETH DILALLA, Faculty Sponsor)

22 Variations across gender of cross-sectional and longitudinal predictors of dating violence perpetration

ERICKA DANIELS & JESSICA HOUSTON, Marquette University (MICHAEL WIERZBICKI, Faculty Sponsor)

23 The Effect of Parental Divorce on Childhood During Personality RACHEL HAPPE, University of Wisconsin River Falls (MELANIE

AYRES, Faculty Sponsor)

24 Filial Responsibility and Expectations for Aging Parental Care in Early and Middle Adulthood

NICHOLAS NEIBERGALL, DANIEL DUFFY, ALLYSON SATTERLEE & MORGAN MEYER, Loras College (LISA GRINDE, Faculty Sponsor)

25 Young Muslim Converts: Social Support and Community Connection

HANAN HASHEM, SAMEERA AHMED, LOUBNA ALKHAYAT, SAARA PATEL & FATIMA MALLICK, University of Michigan - Dearborn, The Family and Youth Institute, Wayne State University, University of Michigan - Ann Arbor & Eastern Michigan University (SAMEERA AHMED, Faculty Sponsor)

26 Lost (or Found) in Translation: Ethnicity as a Moderator of Early Linguistic Preferences and Reading Comprehension

ELISE GIFFORD, College of Wooster (BARBARA THELAMOUR, Faculty Sponsor)

27 Does Money Matter? The Effect of Income on Likelihood to Pursue a Date

KAITLYN MATHIESEN & NIKKI HARMS, Simpson College (SAL MEYERS, Faculty Sponsor)

28 fMRI Study of Borderline Personality Disorder (BPD): an event-related approach

YUNPENG PANG, Kalamazoo College (VAIBHAV DIWADKAR, Faculty Sponsor)

29 The Effect of Idealized Media Images on Body Dissatisfaction in a Nonclinical Population

LAUREN BURLESON, Carthage College (ROBERT MALESKE, Faculty Sponsor)

30 Nature Pictures and Stress Reduction

AMARRA BRICCO, University of Wisconsin Green Bay (GEORJEANNA WILSON-DOENGES, Faculty Sponsor)

31 The role of time pressure on Anxiety and Neuroticism SHANNON TAIT, Aurora University (DAVID RUDEK, Faculty Sponsor)

32 The Impact of Desensitization and Weapon Focus Effect on Evewitness Testimony

CECILIA SLIFKO, Westminster College (KIRK LUNNEN, Faculty Sponsor)

33 Religious Priming and Attitudes about Alcohol Use

NICOLE SCHULTZ & PAUL AHRENS, University of Wisconsin Green Bay (DEAN VONDRAS, Faculty Sponsor)

34 The Role of Dispositional Empathy in Compliance

LORI DAVIS, Ohio University Chillicothe (ANN RUMBLE, Faculty Sponsor)

35 Does Induced Anxiety and Produce Facial Affect Recognition Biases?

BRITTANY HITE & RYAN CHANEY, Augustana College (DANIEL CORTS, Faculty Sponsor)

36 The Effect of Religious Priming on Perception of Individuals with Mental Illness

EMILY SAVILLE, ANNETTE DEAN, TAYLOR DUFF & EMILY THUERAUF, Central College (KEITH JONES, Faculty Sponsor)

37 The Effect of Type of Brand on Perceived Taste

SKYLER WICKLAND, PAIGE REINFELD, MEGAN BOHN & REBECCA GOLDENSTEIN, University of St. Thomas (SARAH HANKERSON, Faculty Sponsor)

38 Attractiveness of Women when Ovulating

VICTORIA BURGER, University of Wisconsin Green Bay (REGAN GURUNG, Faculty Sponsor)

39 Do Time Constraints Effect Mood and Anxiety during Art Directives?

JILL SABO, Adrian College (STACEY TODARO AND AMY HILLARD, Faculty Sponsors)

40 Grand Theft Aggression: Violent Video Games and Stress Alleviation

DENNIS MARTIN, University of Michigan Flint (JEANNETTE STEIN, Faculty Sponsor)

41 The Blind Leading the Less Blind: The Experience of Change Blindness

MAKENNA BAXTER, Rochester College (ROBYN SIEGEL HINSON, Faculty Sponsor)

42 Escape Attempts by Virile Crayfish and Ringed Crayfish from Uncomfortably High Water Temperatures

MACKENZIE JANTSCH, Kansas State University (CHARLES PICKENS, Faculty Sponsor)

43 Effects of N-phenylpropyl-N' (YZ-067) on the Conditionedrewarding Properties of Cocaine in Mice

EMMA FULLERTON, ANDY SAGE, JESSICA JUDD & PAIGE HILDEBRANT, University of Missouri (DENNIS MILLER, Faculty Sponsor)

44 Trinity Christian College Four Contacts Leads to Higher Admissions Rates

HEATHER SLOCUM, ALLYSON VREE & JESSICA WILTJER, Trinity Christian College (JESSICA CLEVERING, Faculty Sponsor)

45 Name-Pronunciation and Character Assumptions

HANNAH NEUMEYER, Ashland University (DIANE BONFIGLIO, Faculty Sponsor)

46 The Effects of Music on Learning with Introverts and Extroverts AMANDA MAYES, Ashland University (DIANE BONFIGLIO, Faculty Sponsor)

47 Are Fitness Blogs Hurting Our Attitudes Toward Exercise and Our Bodies?

KAYLA KLEMM, BRIANNA BARTOSZEWSKI, MEGAN DEKEYSER, JENNIFER PANSKE, ELISABETH GEHRKE & BREANNA OLSON, University of Wisconsin Green Bay (REGAN GURUNG, Faculty Sponsor)

48 The Effect of Victims' Clothing on People's Perceptions of Rape JESSICA KIDD, KATELYN HOUGH & ALLISON DULGAR, Heidelberg University (VIRGINIA GREGG, Faculty Sponsor)

49 The Effect Of Media Portrayals Of The "Thin-Ideal" On Self-Esteem and Body-Esteem

OLYVIA KUCHTA, BEN MATHYS, MITCH PRESNAL & STEPHANIE SHULZE, University of Wisconsin - Green Bay (REGAN GURUNG, Faculty Sponsor)

50 Correlates of Anxiety in a Dark-induced Environment GRACE VO & MEGAN COFFMAN, University of St. Thomas (SARAH HANKERSON, Faculty Sponsor)

51 A Component Analysis of Photo Array Techniques in Suspect Identification

OLIVIA BONAVITA, Westminster College (KIRK LUNNEN, Faculty Sponsor)

52 Hippocampal NMDA Receptors May Mediate MK-801-Induced Deficits for Passive-Avoidance

DANIEL BURBULES & ADAM ULMEN, Kent State University (DAVID RICCIO, Faculty Sponsor)

53 Warning Students about Test Difficulty:Effects on Self-Efficacy and Performance

CHLOE PEEBLES & JENNA HALVORSON, University of Wisconsin La Crosse (KATHERINE KORTENKAMP, Faculty Sponsor)

54 Feedback on Balance Tasks Impacting Self-Efficacy, and Self-Efficacy Impacting Performance

DESIREE DAVIS, Midland University (JAMIE SIMPSON, Faculty Sponsor)

55 Effect of EPIC Panel Presentations on the Attitude of Eastern Michigan University Students Toward Lesbian, Gay, Bisexual and Transgender Individuals

SILVANA ALFARO, Eastern Michigan University (NATALIE DOVE, Faculty Sponsor)

56 Attitudes towards Perspective Rape Scenarios

DAVID BERTRAND, Heidelberg University (TRACIE STARK, Faculty Sponsor)

57 Effects of Chronic-Restraint Stress on Learning, Memory, and Self-Control in Rats

ANGELA DANIELS, KELSEY ECKSTEIN, KIRSTIE GABBERT, BRITTANY SERVENT & SHELBY WINSTED, University of Wisconsin - River Falls (DANIEL LINWICK, Faculty Sponsor)

58 Comparing the Metacognitive Effects of Covert and Overt Retrieval Practice

JOSHUA PRINCE, Southern Illinois University Edwardsville (JONATHAN PETTIBONE, Faculty Sponsor)

59 The Effects of Lifestyle Choices on Absolute and Difference Thresholds of Hearing

LAUREN KNAPP, KENDRA NUGENT & SEAN GOOSSENS, University of St. Thomas (SARAH HANKERSON, Faculty Sponsor)

60 Background Music's Impact on Cognitive Processing and Recognized Versus Felt Emotion

CHRISTIANA CRACE, Westminster College (SANDRA WEBSTER, Faculty Sponsor)

61 A comparison of diet selection strategies in nutrient-deficient animals

MATTHEW MCCABE, DIANA KLAKOTSKAIA & RACHEL RICHARDSON, University of Missouri - Columbia (TODD SCHACHTMAN, Faculty Sponsor)

62 How Perceived Ethnicity Influences the Risk Assessment of Eating Disorders

MOLLY BRENDLE, Saint Mary's College (REBECCA STODDART, Faculty Sponsor)

63 The Effects of Stress and Working Memory Capacity on Sensory Memory

MAYIA CHACE, Adrian College (STACEY TODARO AND AMY HILLARD, Faculty Sponsors)

64 An Examination of Men as Victims in Intimate Partner Violence: Investigating the Perceptions that University Students Hold Regarding both Female and Male Victims of Intimate Violence

ELEANOR HERZBERG, LAURA NICHOLSON, RANA MASSARANI, MIKE STEEL, KATE FAY, RACHEL REID, HANNAH SCHMIDT, SARAH ALMAZKOUR & DANIELLE CHIARAMONTE, DePaul University (THERESA LUHRS, Faculty Sponsor)

65 The Relationship Between Modes of Social Support, Perceived Social Support, and Anxiety in College Students

LAUREN MCNEELA, Saint Mary's College (REBECCA STODDART, Faculty Sponsor)

66 Facebook Use and Well-Being Among College Students

MARGARET SLINEY, Saint Mary's College (REBECCA STODDART, Faculty Sponsor)

67 Patriarchy and the Acceptance of Multiple Roles during Motherhood

CRYSTAL BARTELL, University of Wisconsin - Superior (ELENI PINNOW, Faculty Sponsor)

68 Multitasking in Educational Settings

ALEX KEITH & MATTHEW RODRIGUEZ, Aurora University (DAVID RUDEK, Faculty Sponsor)

69 Using the World as a Stage for Karen Refugees

ROSE GANGL, College of Saint Benedict (BENJAMIN FABER, Faculty Sponsor)

70 The Effect of Stress and Presentation Styles on the Accuracy of Detecting Deception

LOGAN LEE, PAUL NICOL & LOUIS FRIELLO, Westminster College (KIRK LUNNEN, Faculty Sponsor)

71 Broader Social Networks and Coping Interpersonally in Adults with Transfusion-Dependent Thalassemias

ERIN MCKAY, Kent State University (KARIN COIFMAN, Faculty Sponsor)

72 Sources of Sexual Education and Their Impact on Young Adults' Sexual Attitudes

KAYLIN JAMES, Southern Illinois University Edwardsville (DANICE BROWN, Faculty Sponsor)

73 Gender, Social Support, Support Seeking, and Quality of Life for People with Cancer

VICTORIA TOKARSKI, University of Notre Dame (THOMAS MERLUZZI, Faculty Sponsor)

74 The Relationship Between Extroversion, Neuroticism, Self-esteem & Cortisol

J. COLEMAN HEANEY, MATTHEW CARBONELLI & DANIEL DUFFY, Loras College (SARA BAGLEY, Faculty Sponsor)

75 The Portrayal of Media Regarding Obesity

MEGAN DEKEYSER, University of Wisconsin - Green Bay (REGAN GURUNG, Faculty Sponsor)

76 Physiological Stress Responses to Anti-Obesity Advertisement among Overweight and Obese Women

SARA MCMULLIN, Webster University (ERIC GOEDEREIS, Faculty Sponsor)

77 The Effects of Sorority Membership and Peer Support on Self-Reported Body Image

VALERIE DAVIS, Southern Illinois University Edwardsville (JOEL NADLER, Faculty Sponsor)

78 Implementing a Caring Climate Intervention to Increase Exercise Commitment and Enjoyment

KIRSTIE GABBERT & JOE HAMES, University of Wisconsin - River Falls (TODD WILKINSON, Faculty Sponsor)

79 The Effects of Body Mass Index in Neurosurgery on Patient Outcome

INDIA TATE, Otterbein University (MICHELE ACKER, Faculty Sponsor)

80 The Relationship Between Personal Wellness and Current Perceived Stress in Young Adults

EDWARD DIEMER, Wartburg College (SHAHEEN MUNIR, Faculty Sponsor)

81 Distress Screening in Primary Brain Tumors: Congruence between Patient and Caregiver Ratings of Distress

KIMBERLY SYCKS, The Ohio State University (EMILY PORENSKY, Faculty Sponsor)

82 Class Standing, Stress, and Coping in Emerging Adults SHELBY WILSON, The University of Michigan Dearborn (JUSTIN PEER, Faculty Sponsor)

83 The Effectiveness of Motivational Techniques Combined with Conditioning and Endurance to Improve Youth Football Players' Performance

TARA SAVINO, North Central College (LEILA AZARBAD, Faculty Sponsor)

84 E-Cigarettes: Is the 'E' For Emerging Adults?

KAYLA THEBERGE & IAN SIMPSON, Webster University (ERIC GOEDEREIS, Faculty Sponsor)

85 Practice of Sympathetic Joy to Increase Happiness and Personal Well-being

CRYSTA LOWELL & COLIN BENIDT, University of Wisconsin River Falls (TODD WILKINSON, Faculty Sponsor)

86 Love and Stress Under Fire: Examining Same-Sex Intimate Relationships and Stress in Active-Duty Female Service Members JENNIFER GEIMAN, University of Illinois at Chicago (DAVID MCKIRNAN, Faculty Sponsor)

87 Sex Education and Familial Relations: How They Influence When Individuals First Have Sex

REBECCA SENN, University of Wisconsin Green Bay (CHRISTINE SMITH, Faculty Sponsor)

88 The Relationship between Shared Perception of Treatment Adherence and Psychosocial Factors within HIV-Positive African American Dyads

CIERA LEWIS & ASHLEY BILLIG, University of Wisconsin Milwaukee (KATIE MOSACK, Faculty Sponsor)

PSI CHI POSTER SESSION V HEALTH & SOCIAL PSYCHOLOGY POSTERS

Thursday, 12:30-1:20PM

Exhibit Hall

1 The Relationships among Disordered Eating, Intereoceptive Awareness, and Emotion Regulaton

KYRYLICE JURCZENKO, Westminster College (SANDRA WEBSTER, Faculty Sponsor)

2 Pilot Testing a Measure of Fruit and Vegetable Identification and Preference among Schoolchildren

COURTNEY CHAPMAN, CHRISSY KEMMNER, LESLEE BROWNING & LINDSEY HARPER, Marshall University (PAIGE MUELLERLEILE, Faculty Sponsor)

3 Sexual Self-Efficacy and Consenting to Unwanted Sexual Experiences KAYLA GRAVES, Heidelberg University (VIRGINIA GREGG, Faculty Sponsor)

4 Methodology matters: A meta-analytic examination of planned home or planned hospital births

LINDSEY HARPER, Marshall University (PAIGE MUELLERLEILE, Faculty Sponsor)

5 The Effects of Access to Food on Consumption

HANNAH KLIMEK, ANDREA ECKLUND, DANIELLE LEHMAN, KELSEY ECKSTEIN & MADELYN ERB, University of Wisconsin - River Falls (STACEY PETERSON, Faculty Sponsor)

6 Family Health and Wellness Assessment

BENJAMIN EVANS, Rockhurst University (ERIKA KELLY, Faculty Sponsor)

7 A Latent Profile Analysis of Mental Health Characteristics and Risky Behaviors in American Youth

DEANNA SCHREIBER-GREGORY, North Dakota State University

8 A Clarification of Correlations between Leadership Style, Ordinal Position, Anxiety, and Perceived Parenting Style

VALERIE HUMMEL, Dakota Wesleyan University (ANNE KELLY, Faculty Sponsor)

9 Relation between Academic Summer Camp Involvement and Selfconcept Growth in Gifted Adolescents

ANTHONY ROBERSON, Truman State University (JEFFREY VITTENGL, Faculty Sponsor)

10 Availability of Recovery Programs for Human Trafficking Victims REBECCA OSWALT, Wittenberg University (MICHAEL ANES, Faculty Sponsor)

11 Military Veteran Students: A Scale Development Study BRIANNA WERNER & IRINA MASON, University of Illinois Springfield (SHERYL REMINGER & FRANCES SHEN, Faculty Sponsors)

12 Comparisons of Anxiety, Depression, Coping, and Wellness across Undergraduates Intending Intending to Enter Helping or Non-Helping Professions

ERICA FETT, Dakota Wesleyan University (ANNE KELLY, Faculty Sponsor)

13 Relationship between Personality, Music and Art Preferences ISABELLA IRURITA & CLAIRA SIEVERDING, Loras College (JULIA OMARZU, Faculty Sponsor)

14 Academic Achievement and Motivation: Comparing Residential and Commuter College Students

REBECCA HORNING, University of Michigan - Flint (JEANNETTE STEIN, Faculty Sponsor)

15 Pain Tolerance: An Influential Factor in the Decision to Get Tattoos TARA POPE, University of Michigan - Flint (JEANNETTE STEIN, Faculty Sponsor)

16 Effects of Religious/Spiritual Engagement, Coping, and Community Support on Student Life Stress and Self-Efficacy

BRITTANY SIEVERS & TRENT ADAMS, University of Illinois Springfield (FRANCES SHEN, Faculty Sponsor)

17 Living Everyday Like it's Sunday

SYLVIA ADSIT, Olivet College (DINA BATTAGLIA, Faculty Sponsor)

18 Impact of an Education Abroad Program on Global Awareness, Intercultural Interaction, and Social Responsibility

MADISON HANSCOM, JENNIFER SMITH & KIZMAT TENTION, Kennesaw State University (GAIL SCOTT, Faculty Sponsor)

19 Effects of Rett Syndrome on Parental and Sibling Quality of Life WENDY STORM, University of Michigan Flint (JEANNETTE STEIN, Faculty Sponsor)

20 A Comparison of Flourishing Levels in Commuting and On-campus Undergraduate Students

ASHLEY ROBERTS, COURTNEY KUIPERS & SHELBY SMITH, Trinity Christian College (JESSICA CLEVERING, Faculty Sponsor)

21 Climate Change Attitudes and Behavior: Is it Powered by Psychological Distance and Action Goals?

JENNA NESS, University of St. Thomas (ELISE AMEL, Faculty Sponsor)

22 Student Factors Related to High School Academic Achievement: A Historical Investigation of the Journal of Educational Psychology from 1930 - Present

CAMILLE CARLSON, DYLAN MAZZA, BRITTANY HASSMAN & MELINDA MAHONEY, University of St. Thomas (JEAN GIEBENHAIN, Faculty Sponsor)

23 Convergence of MMPI-2 and MMPI-2-RF Validity Scales in a Cognitive Rehabilitation Setting

CALEB ZUTAVERN & SEAN BROWN, Marquette University (JAMES HOELZLE, Faculty Sponsor)

24 After School Care for Students with Special Education Needs: A Parental Perspective

SAMANTHA ZWEERINK & JENELL HOLSTEAD, University of Wisconsin - Green Bay (JENELL HOLSTEAD, Faculty Sponsor)

25 Attention Bias Reduction in Individuals with Williams Syndrome

ERIN MCKENNA, Ohio State University (MARILEE MARTENS, Faculty Sponsor)

26 Implications of Neuroticism and Motivational Orientation on Student Academic Motivation

RACHEL LARSON, MARLENA HOLMES, ANTHONY BROOKS & DALTON RIGGINS, Southern Illinois University Edwardsville (JOEL NADLER, Faculty Sponsor)

27 The Effects of Emotional State on Manipulative and Non-Manipulative Interrogation Techniques

JESSICA COOK, JAQUELINE TYSZKIEWICZ, MICHELLE MYLER & AMANDA SOBIESKI, Westminster College (KIRK LUNNEN, Faculty Sponsor)

28 College Students' Spirituality and its Relationship with Happiness CRYSTAL HART, Aurora University (CHRISTINA KRAUSE, Faculty Sponsor)

29 College Student Athletes' Perceptions of Sports Related Helping Professionals

BETHANY MATTERN, Heidelberg University (TRACI STARK, Faculty Sponsor)

30 The Correlation of Parental and Child Self-Efficacy in Relation to Literacy throughout Early Childhood

CATHERINE HERST, The College of Wooster (BARBARA THELAMOUR, Faculty Sponsor)

31 Investigating Convergent Validity of the Disinhibition Inventory and MMPI-2-RF

KATHERINE CHRISINGER, ELIJAH BOWEN, TAYLOR KUTCHEN, ABIGAIL DAVIS, SHAINA RUD, MYA SARACHO & CARLO VELTRI, St. Olaf College (CARLO VELTRI, Faculty Sponsor)

32 Debiasing Affective Forecasting Errors in Common Medical Experiences

MELANA SALISBURY, University of Missouri Columbia (VICTORIA SHAFFER, Faculty Sponsor)

33 Surviving the Zombie Apocalypse: Escapism, Fantasy Proneness, and Political Attitudes

TAYLOR STOLL, Heidelberg University (TRACI STARK, Faculty Sponsor)

34 Creating a self-report measure of psychopathy using items from the Personality Inventory for the DSM-5

ZARA WRIGHT, Northwestern University (WILLIAM REVELLE, Faculty Sponsor)

35 Dressed to Present: Ratings of Classroom Presentations Vary With Attire

KAYLA KLEMM, REBECCA SENN, CAROLYN WYSOCKI & LAURA KEMPEN, University of Wisconsin - Green Bay (REGAN GURUNG, Faculty Sponsor)

36 The Jury Process: Racial Bias, Extraversion, Leadership, and Moral Reasoning

AMANDA NUSBAUM, College of Saint Benedict/Saint John's University (BENJAMIN FABER, Faculty Sponsor)

37 The Effects of Changing Testing Proctor on Students' Exam Scores ASHLEY RAMKER, JENNA WEIDMAN, CONNER CURRIN & ALLISON NAYDER, Central College (KEITH JONES, Faculty Sponsor)

38 Hypnosis and Its Effect upon Fear Public Speaking

ABIGAIL NEHRKORN, CONNOR MADDEN, ROBERT GILMORE, JESSE BANNER, ALICIA FOGLESONG, MICHAEL GIBSON, CARLYN MUEHLHAUSER, CALEB SCARBOROUGH, JACOB SLOAN, CHRISTOPHER SOTRAIDIS, JOHN WIESLER, MICAELA ZEBROWSKI & ANDREW ZEILER, Truman State University (SALVATORE COSTA, Faculty Sponsor)

39 Sexting in Intimate Relationships

SAMANTHA HOFACKER & JADE BURT, University of Wisconsin - La Crosse (CASEY TOBIN, Faculty Sponsor)

- **40** The Effect of Scripture vs. Secular Self-Affirmation on Self-Esteem JODIE LANDT, Central College (KEITH JONES, Faculty Sponsor)
- 41 Intelligence Testing and Immigrant Populations: A Historical Analysis of the Psychological Literature from 1890- Present ABBY BECKER, CLAIRE KREBS & ANNIE STREATER, University of St. Thomas (JEAN GIEBENHAIN, Faculty Sponsor)
- **42 Hypnosis and Binaural Beats in a Memory Recall Task** CONNOR MADDEN, ABIGAIL NEHRKORN, ROBERT GILMORE, JESSE BANNER, ALICIA FOGLESONG, MICHAEL GIBSON,

CARLYN MUEHLHAUSER, CALEB SCARBOROUGH, JACOB SLOAN, CHRISTOPHER SOTRAIDIS, JOHN WIESLER, MICAELA ZEBROWSKI & ANDREW ZEILER, Truman State University (SALVATORE COSTA, Faculty Sponsor)

43 Aggression and Stress Behavior in Captive ChimpanzeesMELISSA MACZUGA, University of Michigan - Dearborn (FRANCINE DOLINS, Faculty Sponsor)

44 Perceptions of Sexualized Breast Cancer MediaKATELYN HOUGH, Heidelberg University (VIRGINIA GREGG, Faculty Sponsor)

45 Concussions & College Students: What Do They Know? GORDON DUREN & JENNIFER CONNOR, Centre College (KATIEANN SKOGSBERG, Faculty Sponsor)

46 Dance and Neuroplasticity: Investigating Proprioceptive Enhancement in Novice Dancers

EMILY PAULUS, The College of Wooster (JOHN NEUHOFF, Faculty Sponsor)

47 Development of a Positive Affect Contagion IndexVINCENT JACOBSON & STEFANIE COX, Wisconsin Lutheran College (WENDY CLOSE, Faculty Sponsor)

48 Improving Decision Confidence in Regret-Based Decision-Makers YANA DUBROVSKY, Ohio State University (RICHARD JAGACINSKI & THOMAS NYGREN, Faculty Sponsors)

49 Pavlovian Valuation: Lever vs. Tone ChoiceREBECCA SCOTT, University of Kentucky (JOSHUA BECKMANN, Faculty Sponsor)

50 Autonomy and Relatedness Correlation to Rural High School Students' Perception of Post-Secondary OpportunitiesSARA CARPENTER, The College of Wooster (BARBARA THELAMOUR, Faculty Sponsor)

51 Like My Status: Differing Bystander Roles in a Facebook Bullying Situation

HALEY HUMES, Western Illinois University (JULIE HERBSTRITH, Faculty Sponsor)

52 Antidepressive Effects of a k-Opioid Receptor Agonist in an Animal Model

INESSA LOKSHIN & LAUREN KRISTICH, University of Missouri - St. Louis (GEORGE TAYLOR, Faculty Sponsor)

53 Dominance & Warmth Correlates of Interpersonal Scales SHAINA RUD, KATHERINE CHRISINGER, TAYLOR KUTCHEN, ABIGAIL DAVIS, MYA SARACHO, ROB GRANQUIST, EVAN OLSON, BRIAN PLANTE & CARLO VELTRI, St. Olaf College (CARLO VELTRI, Faculty Sponsor)

54 Do Stereotypes and Prejudice Against Arab-Muslims Serve a Detachment Function?

ERIC SHUMAN, ASTRID PRUITT, ALINA MARCINIAK & JULIE WOODZICKA, Washington and Lee University (JULIE WOODZICKA, Faculty Sponsor)

55 The Impact of Online Social Comparison for Offline Relationship Satisfaction and Commitment

RACHEL GALVIN, Northwestern University (WENDI GARDNER, Faculty Sponsor)

56 Weighty Decisions: The Effect of Weight Bias on the Selection and Election of U.S. Senate Candidates

ALEXIS SEARS, REGINA GUERRA, IVY KEEN & CAMERRA LIGHTBOURN, Hope College (PATRICIA ROEHLING, Faculty Sponsor)

57 A Sense of Belonging: How Student Feelings Influence Learning about Racism

BRITTNI GULLICKSON, University of Wisconsin River Falls (CYNDI KERNAHAN, Faculty Sponsor)

58 The Effects of Social and Temporal Comparison on Facebook KATHERYN ECKLES, ELIZABETH MCNETT, CIARA METZOIAN, JORDANN LEWIS & DEVIN FRASIER, University of Toledo (JASON ROSE, Faculty Sponsor)

59 Not Just for Kids: The Advantages of Adult Play LEAH GRODINSKY, Northwestern University (WENDI GARDNER, Faculty Sponsor)

60 The Relationship Between Spirituality and Prosocial Behavior CASSANDRA CHLEVIN & MICHAEL VANDERWAAL, Andrews University (HERBERT HELM JR., Faculty Sponsor)

61 What's in a face? Perceptions of women who wear make-up LYNETTE CARRILLO & BARBARA COLEMAN, Angelo State University (TAY HACK, Faculty Sponsor)

62 The Relationship Between Gender and Heterosexual Attitudes Toward Homosexuality

ADAM LAFAVE & OMAR GOMEZ, Andrews University (HERBERT HELM JR., Faculty Sponsor)

- 63 From the Kitchen to the Bedroom: Feminist Theory and Women's Acceptance of Self-Sexualization in South Korea and the United States STEPHANIE ANDERS & GWENDOLYN WALTON, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)
- **64** Using Facebook for Social Comparisons: The Impact on Self-esteem KATHERYN ECKLES, University of Toledo (JASON ROSE, Faculty Sponsor)
- **65 Comparisons Between Transfer and Native Student Outcomes** ERIN SMITH, CLARE FIELDING, MYRA MILAM, AMANDA CRAWFORD & ROBERTO RENTERÍA, Truman State University (KAREN VITTENGL, Faculty Sponsor)
- **66 Campus Involvement and Flourishing in College Students**NICOLE HARRISON, Wartburg College (ANDREA ESLICK, Faculty Sponsor)
- 67 Cultural Mismatch in the Achievement Gap: Self-construal as a Mediator between Socioeconomic Status and Academic Achievement LORRAINE BLATT, Grinnell College (LYNETTE HOELTER, Faculty Sponsor)
- 68 Prospective and Cross-Sectional Predictors of Men' Frequency of One Night Stands Over a One Year Time Interval MICHELLE BERLINSKI, RHIANA WEGNER, TANEEN WOOD, KAYLA FERGUSON & CLARICE PERKINS, Wayne State University (ANTONIA ABBEY, Faculty Sponsor)

69 Women's Experiences with Men's Misperceptions of Their Sexual Intent

TANEEN WOOD, RHIANA WEGNER, MICHELLE BERLINSKI, CLARICE PERKINS & KAYLA FERGUSON, Wayne State University (ANTONIA ABBEY, Faculty Sponsor)

70 Countering the Negative Effects of Fat Talk on Body Image ELISABETH GEHRKE, BRIANNA BARTOSZEWSKI, MEGAN DEKEYSER, KAYLA KLEMM, BREANNA-ROSE OLSON & JENNIFER PANSKE, University of Wisconsin - Green Bay (REGAN GURUNG, Faculty Sponsor)

71 Effects of Gender and Attribution on Willingness to Forgive BRITTANY HABLEWITZ, Wisconsin Lutheran College (WENDY CLOSE, Faculty Sponsor)

72 The Effects of Accident Severity and Excuses Given on the Attribution of Fault

ROCHELLE RUSHLOW, Saginaw Valley State University (MATTHEW MARGRES, Faculty Sponsor)

73 Attitudes Associated with Conspiracy Theorists HANAN HASHEM, IMANI BYRD & JESSICA MULL, University of Michigan - Dearborn (ROBERT HYMES, Faculty Sponsor)

74 Racial/Ethnic Disparities in Cervical Cancer Screening Behavior ARIELLE BOWERS, Cleveland State University (LISA DOANE, Faculty Sponsor)

75 Applying Behavioral Choice Theory to the Effects of a College Smoking Ban

MICHAEL VIDANA, University of Wisconsin River Falls (RICHARD SEEFELDT, Faculty Sponsor)

76 Priming's Effect on Mimicry

EMILY GOODMAN, MICHAEL LACAGNIN & GARTH GILBERT, Wittenberg University (CLIFFORD BROWN, Faculty Sponsor)

77 What you don't know can hurt you: Social Comparison on Facebook BRITTANY FRANZ, KELSEY HALL, ERIN VOGEL, BRADLEY OKDIE & JASON ROSE, The Ohio State University at Newark & The University of Toledo (BRADLEY OKDIE, Faculty Sponsor)

78 The effects of violent music on aggressive behavior ANDREW TRIPLETT, The Ohio State University (BRAD BUSHMAN, Faculty Sponsor)

79 Use Netspeak so I Know You're Real

JENNIFER WU, University of Kentucky (PHILIPP KRAEMER, Faculty Sponsor)

80 The Effects of Counterfactual Thinking on ADHD Medication Abuse

JULIE BIEMER & LINDSAY CLARK, Texas A&M University (RACHEL SMALLMAN, Faculty Sponsor)

81 The Potential Mediating Role of Relationship Closeness on the Association Between Self-Esteem and Overall Relationship Satisfaction SAMANTHA FOREHAND, Southern Illinois University Edwardsville (DANICE BROWN, Faculty Sponsor)

82 Is The Defendant Guilty? The Effects of the Perception of Aggression on Juror Decision Making

SAMANTHA DIEMER, Ashland University (DIANE BONFIGLIO, Faculty Sponsor)

83 Is the Person Next to You Worth Talking To? Cell phone vs. Face-to-Face Communication

MIRANDA GOULD, University of Michigan - Flint (JEANNETTE STEIN, Faculty Sponsor)

84 Relational Satisfaction in Proximal and Long-Distance Romantic Relationships

KAYLA HÜCKE, TORIE TIMMERS, RACHEL BERANEK & ZHENGYANG LIU, University of Wisconsin - Green Bay & University of Wisconsin - Oshkosh (REGAN GURUNG, Faculty Sponsor)

85 The Contract Year Syndrome in the NBA and MLB: A Classic Undermining Pattern

MARK WHITE, University of Missouri - Columbia (KENNON SHELDON, Faculty Sponsor)

86 The Effect of Identity Congruence on Attention to Health Information

STACEY SKLEPINSKI, University of Michigan (ALLISON EARL, Faculty Sponsor)

87 Feeling Better After Being Hurt: The Role of Affirmation after Rumination in Interpersonal Relationships

CARLY WARNER, Simpson College (SAL MEYERS, Faculty Sponsor)

88 It's Not Easy Being Green...With Envy: The Relationship Between Attachment Style and Jealousy Intent, Motivation, and Tactics SYDNI LONEY, Simpson College (SAL MEYERS, Faculty Sponsor)

89 The Effects of an At-Risk Label on the Attribution of Student Behavior

KATHLEEN KUBISIAK & OLIVIA HARTWICK, University of Wisconsin La Crosse (TESIA MARSHIK, Faculty Sponsor)

Psi Chi Symposium

Being a RockStar Undergrad: Careers, Internships, Research, More

Thursday, 12:30-1:20PM Salon 2 KRISTIN C. FLORA, Franklin College, RYAN MARTIN, University of Wisconsin Green Bay, LEANNE OLSON, Wisconsin Lutheran College

What are the ways that you can make the best of your college years and shine? What makes you a great job candidate or grad school applicant? Are YOU using your summer wisely? We will list some simple things you can do as a student during your college years to make you a Rockstar Undergrad. We also discuss what Psychology students should do to prepare themselves for success after graduation.

Psi Chi Symposium:

How to Succeed on the GRE and Other Tips on Getting Into Graduate School (Applying, Selecting, Surviving)

Thursday, 1:30-2:20PM

Salon 2

BETSY MORGAN, University of Wisconsin La Crosse, EDUCATIONAL TESTING SERVICE (ETS) Staff

How do you well on the GRE? How do you select schools? Is the personal statement that important? How do I secure strong letters of recommendation? Attend this session for answers to these questions (and more). For those of you who have been accepted or will be applying again we provide nuanced answers to help you become a savvy and successful graduate student.

Psi Chi Symposium: Maximizing Your Leadership Impact

Thursday, 2:30-3:20PM

Salon 2

DAVID RADOSEVICH, University of Wisconsin Green Bay
This interactive session will present several challenges that may be faced by
Psi Chi chapter leaders and members, and discuss possible strategies for
dealing with the challenges. We will discuss several different leadership
styles, and conclude that the best leadership strategy is often dependent
upon the situation.



Psi Chi Awards Presentation and Reception

Thursday, 3:30-5:00PM

Crystal

Psi Chi students and faculty advisors are invited to come and enjoy some refreshments and to recognize the achievements of our student researchers. Awards will be presented at 4:00pm.

Hosts: REGAN A.R. GURUNG, (Midwest Vice President, Psi Chi), Maria LaVooy (President, Psi Chi), & the Psi Chi Midwestern Steering Committee: MIKE DUDLEY, Southern Illinois University Edwardsville; KRISTIN FLORA, Franklin College; BECKY SENN, University of Wisconsin Green Bay; BRIANNA WERNER, University of Illinois, Springfield; LEANNE OLSON, Wisconsin Lutheran College; LESLIE CAMERON, Carthage College

PSI CHI POSTER SESSION VI CLINICAL, DEVELOPMENTAL, & SOCIAL PSYCHOLOGY POSTERS

Friday, 8:30-9:20AM

Exhibit Hall

1 Infant Abilities to Distinguish Between Moral and Conventional Transgressions

JAMIN SHIH, University of Missouri (KRISTY VANMARLE, Faculty Sponsor)

2 Physical Activity and Leadership Qualities among Low-income African-American and Latina Girls

MICHELLE LOZANO, Loyola University Chicago (AMY BOHNERT, Faculty Sponsor)

3 Parenting Stress Among Biological, Adoptive, Foster, and Guardian Parents of Children with Prenatal and/or Environmental Substance Exposure

KRISTINA KOCHANOVA, Elmhurst College (CATHERINE GAZE, Faculty Sponsor)

4 Perceptions of Bullying: Social Dominance Orientation (SDO), Gender, & Forms of Bullying

GWENDOLYN WALTON & STEPHANIE ANDERS, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)

5 Right-Wing Authoritarianism, Religious Fundamentalism and Ethnic Diversity in Social Networks as Predictors of Interracial Dating Approval

NATHANIEL NICKEL, Hamline University (DOROTHEE DIETRICH, Faculty Sponsor)

6 Does Sex Always Sell? Self-Objectification and Men's Perception of a Female Speaker

NOELLE LOONEY, EMORY RUSSELL, KAYCEE HALABICKY & HILARY LONG, University of Michigan Flint (TERRENCE HORGAN, Faculty Sponsor)

7 Exploring the Role of Physical Abuse in Unwanted but Consensual Sexting

ELIZABETH TOBIN, Indiana University - Purdue University (MICHELLE DROUIN, Faculty Sponsor)

8 Understanding Stereotype Threat Creation through Labeling a Gender-Neutral Task

JESSICA MULL, University of Michigan Dearborn (PAMELA MCAUSLAN, Faculty Sponsor)

9 Can Altering Emotional States Prior to Concentration Tasks Disrupt Performance?

JENNIFER PANSKE, University of Wisconsin - Green Bay (REGAN GURUNG, Faculty Sponsor)

10 The Stigmatization of Axis I and Axis II Mental Disorders MARISSA DEAN & KAYLA STEFANCIC, Ursuline College (CHRISTOPHER EDMONDS, Faculty Sponsor)

11 The Effect Of Media On Self-Esteem: Men Have Fat Days Too! NATALIE SULLIVAN, University of Michigan - Flint (JEANNETTE STEIN, Faculty Sponsor)

12 Current Television Trends and Their Impact on Societal Views Towards Women

COREY MEMMOTT, RACHEL TENNIAL & AMANDA SEBESTA, Saint Louis University (RACHEL TENNIAL & RICHARD HARVEY, Faculty Sponsors)

13 Beware the Company You Keep: Emotional Contagion on Facebook KELSEY HALL, Ohio State University Newark (BRADLEY OKDIE, Faculty Sponsor)

14 Political Ideology and Gender Bias in the Workplace DANIEL HENLEY, Eastern Michigan University (NATALIE DOVE, Faculty Sponsor)

15 Ego-Depletion in the Context of Stereotype SuppressionBENJAMIN BERRY, John Carroll University (JOHN YOST, Faculty Sponsor)

16 Smoking: Is It Really a Hit?

KALEIGH SMITH, University of Michigan - Flint (JEANNETTE STEIN, Faculty Sponsor)

17 Attitudes of Anger and Attributions of Blame toward Mental Illness DANIELLE GEERLING, Marquette University (STEPHEN SAUNDERS, Faculty Sponsor)

18 Flawed Law: Accuracy in Encoding and Recognition of Faces in Police Lineups

ALEXANDRA MARCEL & ERIKA GARCIA, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)

19 Autonomy Job-Crafting in Front-Line Workers

LAINIE BARRON, University of Missouri - Columbia (KEN SHELDON, Faculty Sponsor)

20 Romantic connections in college: Attachment dimensions predict relationship status beyond demographic and cultural factors YASMEEN EL-MASRY, BRANDIE SEMMA, ROWYDA KAZAN & CALEB SIEFERT, University of Michigan Dearborn (CALEB SIEFERT, Faculty Sponsor)

21 Bullying, Victim, and Aggressor: Past Experience versus Current Behavior

FUSHU TAN, University of Oregon (HOLLY ARROW, Faculty Sponsor)

22 The Effects of Music Preference and Extroversion on Performance ZACHARY SARGENT, Wisconsin Lutheran College (WENDY CLOSE, Faculty Sponsor)

23 Social Anxiety and Attention to Facial Expressions KORINNE MARCUM & WILLIAM HUBER, Augustana College (DANIEL CORTS, Faculty Sponsor)

24 Does Meaning Affirmation Reduce Defensiveness? The Role of Recalling Cherished Relationships

FELICIA MATA, JOSHUA STAFFORD, KELVIN PEPRAH, SABRINA HAKIM & LAUREN WADE, Hope College (DARYL VAN TONGEREN, Faculty Sponsor)

25 The Color of Compliance: Red Increases Compliance with Donation Requests

HANNAH PRUETT, Purdue University (WILLIAM GRAZIANO, Faculty Sponsor)

26 The Dark Triad: Explaining Poaching Behavior STEPHANIE GETZINGER, NICHOLAS DITULIO & STEPHANIE JACOBS, Western Illinois University (DAVID LANE, Faculty Sponsor)

27 Tough Love: Perceptions and Empathy towards Drug Users

MELANIE BOYSEN & CASEY PAPROCKI, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)

28 A Comparison of Victims' Descriptions of Romantic and Casual Partner Sexual Assaults

KAYLA FERGUSON, RHIANA WEGNER, CLARICE PERKINS, TANEEN WOOD & MICHELLE BERLINSKI, Wayne State University (ANTONIA ABBEY, Faculty Sponsor)

29 An Examination of the Effects of a Cognitive and Non-cognitive Stereotype Threat on Undergraduate Student's Cognitive Functioning HANNAH LAMMERT, Saint Louis University (LISA WILLOUGHBY, Faculty Sponsor)

30 Masculinity Threat and Prosocial Behavior in Men ELIZABETH TOBIN, Indiana University - Purdue University (DANIEL MILLER, Faculty Sponsor)

31 Music as a Bridge between Past and Present Selves TAYLOR THORPE & REBECCA BAER, DePaul University (KIMBERLY QUINN, Faculty Sponsor)

32 Investigating the Role of Conservatism in Brand Preferences SAMUEL MINOR, JULIA CHOUS & COLEMAN SANDSTROM, University of Wisconsin - River Falls (TRAVIS TUBRÉ, Faculty Sponsor)

33 Implicit and Explicit Prejudice toward Transsexual WomenNAOMI SKARSGARD, ASHA GANESAN, KRISTIN BROUSSARD &
PADEN GOLDSMITH, University of Northern Iowa (HELEN HARTON,
Faculty Sponsor)

34 Expectations and Level of Expertise as Perceived by Peers MARY MOELLER, Ashland University (DIANE BONFIGLIO, Faculty Sponsor)

35 Oh Christmas Tree, Oh Christmas Tree: Does the Forced Removal of Christian Symbols from Public Spaces Impact Prejudice Toward Non-Christians?

LUCAS MILLER, AUDREY JAMES, ELIZABETH PHILLIPS & ELIZABETH TOBIN, Indiana University - Purdue University (DANIEL MILLER, Faculty Sponsor)

36 A Terror Management and Self-Determination Theory Investigation of Prosocial Behavior

JACOB SCHOTT, University of Missouri - Columbia (JAMIE ARNDT, Faculty Sponsor)

37 When Love Hurts: Perceptions of Violence Victims

ALEXANDRA MARCEL, AYANA BOLTON, MANDIE KIMBRO & JAMIE RICH, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)

38 The embodied chameleon: The effect of temperature on behavioral mimicry

ASIA AMEIGH, CARRIE HALL, DANIELLE BERGSTROM, DARYL O'CONNER, NICOLE SMITH & DANIEL BASHORE, Miami University (CARRIE HALL, Faculty Sponsor)

39 Reactions to Negative Academic Feedback: Does Personality Matter?

MELANIE BOYSEN, ERIKA GARCIA, SASHA BOYTSENYUK & CHELSEY SNYDER, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)

40 When You Fail to Keep Your Eyes on the Prize: The Influence of Non-numeric Social Comparative Information on Judgments and Decisions

SHUQI LI, The University of Iowa (JASON CLARK, Faculty Sponsor)

41 Perceptions of Long Distance Relationships

LEAH ARTHUR, Wartburg College (SHAHEEN MUNIR, Faculty Sponsor)

42 Effect of Education and Age of Victim on Empathy and Revenge MARIANNE LOESCHER, Wisconsin Lutheran College (WENDY CLOSE, Faculty Sponsor)

43 Why do we underuse punishment in response to noncooperation? ZACHARY YAGGI, Ohio University (ANN RUMBLE, Faculty Sponsor)

44 What is Beautiful is Good, or Maybe Not?BROOKE LEACH, Olivet College (DINA BATTAGLIA, Faculty Sponsor)

45 The Role of Kinship Cues in the Response to Social Rejection CARLY PARSONS, Queen's University (JILL JACOBSON & DANIEL KRUPP, Faculty Sponsors)

46 The Effects of Parent-Child Emotional Closeness and Perceived Parenting Style on Adjustment to College

EMILY MORGAN, BAILEY HACKATHORN, BRITTANY CLARK & STORMY TEMPLETON, Central College (KEITH JONES, Faculty Sponsor)

47 Examining the Interactive Effects of Group Status and Perceived Morality on Personality Judgments

SABRINA HAKIM, JOSHUA STAFFORD, PAIGE GARWOOD & ABIGAIL BOHLER, Hope College (DARYL VAN TONGEREN, Faculty Sponsor)

48 Do I Like You? Relational Interdependent Self-construal, Implicit Self-esteem and Implicit Evaluations of Romantic Partners MONICA KULACH, HANNAH HAMILTON & BETHANY OTTO, Loyola University Chicago (TRACY DEHART & ANTHONY BURROW,

Loyola University Chicago (TRACY DEHART & ANTHONY BURROV Faculty Sponsors)

49 Heroism and Gender Roles: Influence of Publicity, Risk, and Familiarity on Heroism

SHELBY FLEGEL, LAUREN BACH & KATIE WESTERMAYER, Minnesota State University, Mankato (EMILY STARK, Faculty Sponsor)

50 Rethinking Disgust: Cognitive Reappraisal and the Experience of Disgust

VIVIAN CHASE, Edgewood College (FERRINNE SPECTOR, Faculty Sponsor)

51 Narcissism and Perspective-taking: The Role of Target Characteristics and Perceived Difficulty

ANDREW GILLEN, AUSTIN SIMPSON, MEGHAN DOHERTY, ALLISON DWYER, DALLAS GARRISON, RONNIE RICH & MARK LEHTMAN, Bradley University (ANTHONY HERMANN, Faculty Sponsor)

52 LGBT College Students' Experiences with Discrimination: A Comparison between the U.S. and the U.K.

HEIDI HILGERS & JENNIFER BROOKS, University of Wisconsin River Falls (MELANIE AYRES, Faculty Sponsor)

53 False Corroboration: Effects of Personality and Confederate Presence

ALEXANDRA SKINNER, ALYSSA ZWICKER, BROOKE BLOOMFIELD & ERIC GEWENIGER, Augustana College (DANIEL CORTS, Faculty Sponsor)

54 Narcissists and Approach Motivation: A Replication and Extension of Foster, Misra, and Reidy (2009)

ALLYSON TEUTEMACHER, RYAN POTEMPA, VIRGINIA IBARRA, MARK LEHTMAN, ANDREW GILLEN & LAUREN CAIN, Bradley University (ANTHONY HERMANN, Faculty Sponsor)

55 Intimate Relationships and Academic Performance of College Students

ELIZABETH MICHENER, Lewis University (CHWAN-SHYANG JIH, Faculty Sponsor)

56 Homophobia, Racism, and the Big Five Index: What Can Personality Tell Us Regarding Prejudice?

BENJAMIN SOMERS, Indiana University East (REBECCA RAHSCHULTE, Faculty Sponsor)

57 Hooking-up is Not as Easy as You Think

BRITTANY TURNER, Olivet College (DINA BATTAGLIA, Faculty Sponsor)

58 Confronting Prejudice: Comparing Reactions to Race Versus Gender Biases

AMANDA VAN CAMP & LAURA PARKER, Purdue University (MARGO MONTEITH, Faculty Sponsor)

59 Authenticity and Time Use

JAIME HAINES, University of Wisconsin - River Falls (RICHARD SEEFELDT, Faculty Sponsor)

60 Collaborative Writing: Scores and Attitudes of Undergraduates ZOE CRONIN, Grinnell College (DAVID LOPATTO, Faculty Sponsor)

61 Personality, Morality and Charitable Donations

MARY SCHENKENFELDER, Augustana College (DANIEL CORTS, Faculty Sponsor)

62 Exploring the Influence of Arousal Misattribution on Attraction to Racial Ingroup vs. Outgroup Members

CHELSEA MILTON, University of Missouri (LAURA SCHERER, Faculty Sponsor)

63 Detaching from Distress: Abstract Construal Decreases Empathy and Helping

OLIVIA BEERS & GEOFFREY WETHERELL, DePaul University (KIMBERLY QUINN, Faculty Sponsor)

- **64** An Examination of Stress Contagion in an Academic Setting ELIZABETH HALL & ROBIN STROMINGER, Creighton University (ALICIA KLANECKY, Faculty Sponsor)
- **65 Facebook and Disabilities: The Positive Side of Social Media** MARY KIOLBASA, Augustana College (DANIEL CORTS, Faculty Sponsor)
- 66 Women's Qualitative and Quantitative Reports of the 'Secret Tests' They Use to Decrease Uncertainty in Developing Relationships CLARICE PERKINS, RHIANA WEGNER, KAYLA FERGUSON, MICHELLE BERLINSKI & TANEEN WOOD, Wayne State University (ANTONIA ABBEY, Faculty Sponsor)
- **67 Biopsychosocial Differential Predictors of Suicide and Bullying** CAITLIN SHELLENBARGER, The University of Findlay (ANDREA MATA, Faculty Sponsor)

68 Sex and Stress in College Students

NICOLE HAIGH, Columbia College (GRETCHEN HENDRICKSON, Faculty Sponsor)

- **69 The Millennials: When Narcissism Trumps Social Justice** STEPHANIE JACOBS, Western Illinois University (DAVID LANE, Faculty Sponsor)
- **70** The Effects of Threats to Meaning on Attitudes toward Evolution PAIGE GARWOOD, LAUREN JANNESS, JOSHUA STAFFORD, SABRINA HAKIM, & LAUREN WADE, Hope College (DARYL VAN TONGEREN, Faculty Sponsor)

71 Do We Date Our Parents?

BETH BALTES & JESSICA SCHULTES, Simpson College (SAL MEYERS, Faculty Sponsor)

72 The Effects of Priming Humility on Defensive Reactions Following Criticism of One's Cherished Values

ABIGAIL BOHLER, JOSH STAFFORD, SABRINA HAKIM & PAIGE GARWOOD, Hope College (DARYL VAN TONGEREN, Faculty Sponsor)

73 Changing Attitudes Towards Sexual Orientation and the Effect of Documentary Film

MICHAEL VANDERWAAL, Andrews University (HARVEY BURNETT, Faculty Sponsor)

74 Relationship between Religiosity, Resilience, and Drug/Substance Abuse

CINDY BONILLA, Andrews University (HARVEY BURNETT, Faculty Sponsor)

75 Relationship Desire Associated with Adolescent Suicidality through Depression

ANDREA KRAS, The University of Findlay (ANDREA MATA, Faculty Sponsor)

76 Blame for Military Sexual Abuse

MICHELLE DEPASQUALE, North Central College (MARY JEAN LYNCH, Faculty Sponsor)

77 Cultural Effects on Mate Selection

MELISSA BROWN, Hamline University (MATTHEW OLSON, Faculty Sponsor)

78 Neural and Behavioral Effects of Witnessing Social Exclusion on Subsequent Exclusion by Previous Targets

KAITLIN DUNN, Illinois Wesleyan University (JASON THEMANSON, Faculty Sponsor)

79 Ostracism: How Witnessing the Perpetrators Influences Subsequent Experiences of the Target

ROBERTO ROMAY, Illinois Wesleyan University (JASON THEMANSON, Faculty Sponsor)

80 Does Facebook Use Foster Extraversion and NarcissismMADHUVANTI PATWARDHAN, Aurora University (CHRISTINA KRAUSE, Faculty Sponsor)

81 Dolls and Trucks: Sex Differences (and Similarities) in Fertility Desires and Plans

ZHE WANG, LORA ADAIR, SAMANTHA BRANDT & KAREN AKAO, Kansas State University (GARY BRASE, Faculty Sponsor)

82 Personality Differences in Knowledge of Social IssuesBRADLEY NELSON, Saint Cloud State University (JODY ILLIES, Faculty Sponsor)

83 Dehumanization, Prejudice, and Social Policy Beliefs about People with Developmental Disabilities

MARY HANKS, Purdue University (MARGO MONTEITH, Faculty Sponsor)

84 The Effects of Perceived Discrimination on Self-Esteem in Arab Americans

MEGAN BOLLINGER, ALICIA BINNS, KELSEY TAJER, ALEXANDRA DLUZNIEWSKI, DIMA SWAIDAN & LAUREN ANTHONY, University of Michigan Dearborn (ROBERT HYMES, Faculty Sponsor)

85 Perceptions of Abuse: The Effects of Parent Gender and Child's Disability

BRITTNY BEHLEN, University of Michigan Flint (JEANNETTE STEIN, Faculty Sponsor)

86 Toy Packaging and the Perpetuation of Gender StereotypesKENT RODRIGUEZ, Southern Illinois University Edwardsville (MICHAEL DUDLEY, Faculty Sponsor)

87 The Effect of Extraversion, Self-Esteem, and Sex on Short-Term Mating Strategies

JENNA MATHEW, University of Wisconsin - Platteville (SEAN SHIVERICK, Faculty Sponsor)

88 Dogs: Companions, Bodyguards or Wingmen

SCOTT PETRAS, Northeastern Illinois University (MAUREEN ERBER, Faculty Sponsor)

89 Who Experiences Flow? Understanding the Link Between Flow and Achievement Goals

LOGAN MICHELS, University of Wisconsin Stout (CHELSEA LOVEJOY, Faculty Sponsor)

PSI CHI POSTER SESSION VII SOCIAL PSYCHOLOGY POSTERS

Friday, 9:30-10:20AM

Exhibit Hall

1 Academic and Social Confidence in First-Year College Students GINA LEGROTTE, BLAKE TAYLOR, SHELBY MESSERSCHMITT & ALEXANDRIA SAVOLT, Central College (KEITH JONES, Faculty Sponsor)

2 "Did You Like This Professor?" How What Students Have Heard Connects to Perceived Learning and Rapport

MARISSA BELAU & TAYLER PETERSON, Simpson College (SAL MEYERS, Faculty Sponsor)

3 Confirm Negative Ingroup Stereotypes and be Judged as a Black Sheep

BRIANNA PANKEY, EVAN HARPER & TIA PARCHMAN, Howard University (JAMIE BARDEN & KIMBERLY RIOS, Faculty Sponsors)

4 Police Attitudes as Predictors of Confrontation at Sporting Events MARIA KOSSMAN, The University of Findlay (ANDREA MATA, Faculty Sponsor)

5 The Influence of Group Discussion on Individual Decision Making ANASTASIA HILL, Northeastern Illinois University (AMANDA DYKEMA-ENGBLADE, Faculty Sponsor)

6 The Effect of Altruism and Risk Level on Perceptions of Attractiveness

RYAN SHAHIDEHPOUR, University of Wisconsin - Platteville (SEAN SHIVERICK, Faculty Sponsor)

7 The Effect of Restorative Justice and Race on Perceptions of Rehabilitation

SYDNEY DENSTORFF, University of Wisconsin Platteville (SEAN SHIVERICK, Faculty Sponsor)

8 Effects of Ingroup/Outgroup Context on Attention to Alcohol Cues ALLISON RAINFORD, A. DOPP, H. VOLPERT & BRUCE BARTHOLOW, University of Missouri (BRUCE BARTHOLOW, Faculty Sponsor)

9 Virtual Attractants: Looking for an Online Dating Partner TROY BRULE, Metropolitan State University (MARK STASSON, Faculty Sponsor)

10 Personality Stereotypes Related to Music and Art Students CLAIRA SIEVERDING, JENNA ADAMS & ISABELLA IRURITA, Loras College (JULIA OMARZU, Faculty Sponsor)

11 Student Perceptions of Professors Who Disclose Personal Information

ALI BREUER, Carroll University (TARA SCHMIDT, Faculty Sponsor)

12 The Effect of Mindfulness Intervention on Reducing Prejudicial Attitudes

ALLISON BADER, JOHN NIEHAUS & MARK WHITE, University of Missouri (ANN BETTENCOURT, Faculty Sponsor)

13 Positive Parenting Predicts Prosocial and Aggressive Outcomes across Cultures

CIERRA FREEMAN, RUSSELL JACKSON, ZHIHAN SU & MADELYN NEERHOF, Iowa State University (CRAIG ANDERSON, Faculty Sponsor)

14 The Effect of Collective Self-Esteem on Heterosexual Assessment of Same-Sex Relationship Quality

STEVEN PALMIERI, John Carroll University (JOHN YOST, Faculty Sponsor)

15 Effect of Hormones and Violent Video Games on AggressionJAMES COLE, University of Missouri (JOSEPH HILGARD & INES SEGERT, Faculty Sponsors)

16 Time, Routine, and Meaning in Life

LYDIA EMGE, University of Missouri Columbia (LAURA KING, Faculty Sponsor)

17 The Role Facebook Plays in Depression and Risky Behavior NANCY ROBINSON & SPENCER REUTER, Edgewood College (J. DAVID LAMBERT, Faculty Sponsor)

18 Influence of Self-Reported Standards on Romantic Mate Choice RAQUEL MENDIZABAL, KARA DUNN, JORDAN TEJCHMA & ALISON VANLOON, Hope College (CARRIE BREDOW, Faculty Sponsor)

19 Expert Testimony: A Historical Analysis of Psychological and Psychiatric Scholarly Journals (1874 – present)

KASHA JACOB, EMERE PETERSON & THOMAS BOYCE, University of St. Thomas (JEAN GIEBENHAIN, Faculty Sponsor)

20 Using One's Romantic Relationship as Self-presentation Mechanism LINGLU MA, Purdue University (JAMES TYLER, Faculty Sponsor)

21 When Cues Collide: Facial Versus Nonlinguistic Vocal Cue Dominance in Emotion Decoding

EMILY ZETZER, Westminster College (SANDRA WEBSTER, Faculty Sponsor)

22 Effects of Moods and Statements Inviting Questions on the Number of Questions Asked

KAYLA NYSTROM, Carroll University (TARA SCHMIDT, Faculty Sponsor)

23 The Effects of Social Media on Community Attitudes Toward Mental Illness

COURTNEY YOACHIM, Nebraska Wesleyan University (ABIGAIL MITCHELL, Faculty Sponsor)

24 The Influence of Facebook Use on Ego Depletion

BRITTNEY HOFFMANN, Nebraska Wesleyan University (ABIGAIL MITCHELL, Faculty Sponsor)

25 Muscles and Media: How Video Games Affect Male Self-perception and Body Image

AMBER SCHADE & ANN ZEDGINIDZE, University of Wisconsin La Crosse (RYAN MCKELLEY, Faculty Sponsor)

26 Individual Differences in Testosterone Predict Perseverance in Men BRIAN TYMINSKI, JOCELYN CAMPBELL, ELIANNA LOZOYA, JORDAN LIPHARDT, STEPHANIE KADO, ROBERT MILLER, JACLYN STAPLETON, ANGY HANNA, DAVID TROMBLY, DONALD STATES, NISHA KURUVADI & KEITH WELKER, Wayne State University (JUSTIN CARRE, Faculty Sponsor)

27 The Impact of Parents on College Students' Attitudes about Women ELISE LUNDEQUAM & SEAN EBERLE, University of Wisconsin River Falls (MELANIE AYRES, Faculty Sponsor)

28 Relationship between Trait Impulsivity and Risky Behaviors

RACHEL SWANSON, LAURA CALLAHAN, BRITTANY BERRIER & XIAOYUN ZHANG, Iowa State University (CRAIG ANDERSON, Faculty Sponsor)

29 Racial Stereotypes Validate Perceptions of Poor Math Performance Among Blacks

EVAN HARPER, BRIANNA PANKEY & TIA PARCHMAN, Howard University (JAMIE BARDEN, Faculty Sponsor)

30 Evaluating the Relationship between Religious Beliefs and Attitudes toward Science in an American College Population

EMILEE MAILHOT, Minnesota State University, Mankato (DAWN ALBERSTON, Faculty Sponsor)

31 Mind Wandering during Prayer amongst Religious Young Adults FREDRICA ST.HILAIRE, Andrews University (KARL BAILEY, Faculty Sponsor)

32 Becoming One with the Shadows: How Empathy Attitudes and Race Affect U.S. Citizens' Willingness to Provide Resources to Unauthorized Migrants

TRACY JACKSON, The College of Wooster (BARBARA THELAMOUR, Faculty Sponsor)

33 Individual Differences in Women's Entitlement to Sexual Pleasure OLIVIA SIULAGI, Kenyon College (SARAH MURNEN, Faculty Sponsor)

34 Management of Emotions is Negatively Related to Risk Taking MACKENZIE GIBBONS, SHAY BOWIE, KAITLYN BRAY & DANIEL PATTERSON, Iowa State University (CRAIG ANDERSON, Faculty Sponsor)

35 The Influence of Neighborhood Ethnic Composition on Reports of Perceived Discrimination and its Resulting Effects on the Self and Relationships

KATHERINE NIEWEGLOWSKI & NATALIE HALL, Loyola University Chicago (TRACY DEHART & ANTHONY BURROW, Faculty Sponsors)

36 Personality and Golf Perception

JASON SWEET, Ohio State University (AMY BRUNELL AND DENNIS SHAFFER, Faculty Sponsors)

37 A Cross-cultural Study of American and Chinese People's Compassion, Trust and Helping Behaviors toward People in SufferQINPU HE & SANGYI HU, Centre College (JENNIFER GOETZ, Faculty Sponsor)

38 Like my status: Perceptions of depressed individuals on Facebook SAMANTHA COOK, University of Evansville (MARGARET STEVENSON, Faculty Sponsor)

39 Joke Cruelty and Appreciation in Regards to Empathy and Background Incongruity

TEODORO ALONSO-EMANUEL, Augustana College (DANIEL CORTS, Faculty Sponsor)

40 Greek Involvement As Associated with Sex Motives and Peer Approval

JORDAN PENER, University of Missouri (LYNNE COOPER, Faculty Sponsor)

41 Cultural Differences in Conflict Resolution

DAVID LEBLANC, LAUREN SCHARDT, NATHALIA MESQUITA & HELENA GOUVEA, University of Wisconsin - Oshkosh), UNIFACS & UNIME (QUIN CHROBAK, Faculty Sponsor)

42 Discovering How Nature Affects Perceptions of Self and Environment

ERYKA BERGLUND & STEPHANIE THOMPSON, St. Ambrose University (ROBIN ANDERSON, Faculty Sponsor)

43 Telenovelas' Viewing and Gender Role Attitudes among Latinas MELEK YILDIZ-SPINEL, Kenyon College (SARAH MURNEN, Faculty Sponsor)

44 Intimidated or Inspired? Women's Self-Objectification in the Presence of Beauty Products

OLIVIA RERAT, CAROLENE VEZIES & LAUREN HOFFMAN, University of St. Thomas (BRITAIN SCOTT, Faculty Sponsor)

45 Relationships and Transgressions: The Impact of Offender Relationship and Forgiveness on Written Language, Mental Health, and Flourishing

CAINNEAR HOGAN, BRITTANY LAWSON & SYDNEY TIMMER, Hope College (LINDSEY ROOT LUNA, Faculty Sponsor)

46 Effects of Physical Attractiveness on the Perception of Mental Illness CAITLIN GARSTKIEWICZ, Eastern Illinois University (JEFFREY STOWELL, Faculty Sponsor)

47 Descriptive and Injunctive Social Norm Overestimation as Predictors of Hooking Up

ERIC POLACEK, Edgewood College (J. DAVID LAMBERT, Faculty Sponsor)

48 Breaking Away from Toxic Rape Myths

BRITTANY CZAPLICKI, DANA HUNT, EMILY CLEVELAND, MEGAN MCCAULEY & MADDI HARNER, Millikin University (LINDA COLLINSWORTH, Faculty Sponsor)

49 Not So Obvious: Perceptions of Individuals of Ambiguous Race IMANI BYRD, University of Michigan - Dearborn (ROBERT HYMES, Faculty Sponsor)

50 Can't You Take a Joke? Sexist Humor and Male Attractiveness BRITTANY CZAPLICKI, DANA HUNT, EMILY CLEVELAND & MADDI HARNER, Millikin University (LINDA COLLINSWORTH, Faculty Sponsor)

51 Advertising Styles and How They Influence Sustainability in Consumer Behavior

ERIN FLANNELLY, College of Wooster (SUSAN CLAYTON, Faculty Sponsor)

52 The Relationship between Social Media Use and Social Isolation DANIELLE MOSHER, Lewis University (VALERIE HILL, Faculty Sponsor)

53 The Relationship between Student Motivation, Resilience, and Parental Environment

ELIANA ILLER, Andrews University (MELISSA PONCE-RODAS, Faculty Sponsor)

54 Personality as a Moderator in the Relationship between Social Exclusion, Psychological Distress and Physical Health Symptoms MANUEL SALINAS, University of Northern Iowa (ROBERT HITLAN, Faculty Sponsor)

55 The Effect of Gender Stereotypes on Conformity

BRIDGET MILLER, MITCHELL STEARNS, TAYLOR JANSEN & TYLER LENOX, Central College (KEITH JONES, Faculty Sponsor)

56 Talking Your Way to Happiness: Social Conversations and Wellbeing

ZACHARY GARLINGHOUSE, University of Northern Iowa (NICHOLAS SCHWAB, Faculty Sponsor)

57 Spontaneous Expressions of Compassion in Response to Specific Indicators of Suffering

CAMILLE SEGER & KELSEY NELSON, Centre College (JENNIFER GOETZ, Faculty Sponsor)

58 The Stability of Mate Standards Over a Nine-Month Period NICKI HAMES, ERIN FARRELL & SAM HORSCH, Hope College (CARRIE BREDOW, Faculty Sponsor)

59 The Effects of Racial and Gender Identity Awareness for Women in Higher Education on Imposterism

AMBER MCCURRY, University of Missouri St. Louis (MATTHEW TAYLOR, Faculty Sponsor)

60 Two Key Predictors of Helping: Genetic Relatedness and Causal Controllability

SLOANE WEED, Centre College (JENNIFER GOETZ, Faculty Sponsor)

61 College Students' Perceptions of Mental Health Disorders in Three Countries

ALLYSON SATTERLEE & KENZIE GOEDKEN, Loras College (LISA GRINDE, Faculty Sponsor)

62 Mate Standards and Relationship Evaluations

SARAH PETERSON, LAUREN GIRARD, DIMELZA ALFONSO & LILY HANRATH, Hope College (CARRIE BREDOW, Faculty Sponsor)

63 Empathy and Aggression: Exploring Cognitive and Emotional Empathy in Different Mediums of Aggression in Media and TextCHRISTINE GOGLIA, College of Wooster (MICHAEL CASEY, Faculty Sponsor)

64 A Matter of Space: Personality, attachment, interpersonal style and impacts on personal space regulation

LASHAWN DEVOOGHT, ROWYDA KAZAN, ASIFK ASIFK & ARIEL BARANOWSKI, University of Michigan Dearborn (CALEB SIEFERT, Faculty Sponsor)

65 Examining Demographic Differences between Couples in Civil Unions

JAESON KAYLEGIAN, University of Illinois at Chicago (STEVE GARCIA, Faculty Sponsor)

66 Just Friends? Assessing How Gender Characteristics Affect Perceptions of Opposite-sex Friendships

MARA MORLEY, MAREN STARZINSKI & SYDNEE SCHAEFBAUER, University of St. Thomas (BRITAIN SCOTT, Faculty Sponsor)

67 Facilitating Adjustment to College for Students of Color: An Experimental Study of Mentoring

MEGAN RADENHAUSEN, Centre College (JENNIFER GOETZ, Faculty Sponsor)

68 The Effects of Competency and Power on DehumanizationJONATHAN STANDISH, LAURA OSBORNE, MICHAEL BURGOS &
LARA KOLLAB, John Carroll University (MATTHEW LINDBERG,
Faculty Sponsor)

69 The Effect of Gender and Appearance on Attributions for Pro-Environmental Behavior

AMY STEINGAS, JENNA NESS & CLAIRE KREBS, University of St. Thomas (BRITAIN SCOTT, Faculty Sponsor)

70 Can't Be With the One You Love, Love the One You're With MORGAN BIALAS, JESSICA WINGEN, GARRETT HARMS, SUNNY PATEL, JESSICA HYLLAND, NATHAN HOFER, LILLIAN KALLESTAD, MEGAN GEYER, SAMA PATEL & ELIZABETH SCHLEY, The University of South Dakota (HOLLY STRAUB, Faculty Sponsor)

71 In the Mind of an Athlete: A Meta-analysis of the Role of Perfectionism and Anxiety in Athletes

MAUREEN HIRT, Kenyon College (SARAH MURNEN, Faculty Sponsor)

72 Cultural Differences in Conflict Resolution

AMANDA KAPLA, LINDSEY WYNGAARD, ANA ELISA SOUSA & GABRIEL CASTRO, University of Wisconsin - Oshkosh, Universidade

Federal da Bahia & União Metropolitana de Educação e Cultura (QUIN CHROBAK, Faculty Sponsor)

73 Effect of Violent Videogames on Measured Aggression in Autism JACOB BLY, University of Missouri Columbia (CHRIS ENGELHARDT, Faculty Sponsor)

74 Gender Role Stereotypes as a Function of Vicarious Mortality DYLAN BILYEU, Western Illinois University (KRISTINE KELLY, Faculty Sponsor)

75 Priming Status Beliefs: The Effect of Sexist Humor on Self-Assessed Task Competence in Women and Men

KELLY MARKOWSKI, Bradley University (ANTHONY HERMANN, Faculty Sponsor)

76 Influence of Swear Words in Couples Conflict

ANIKO BLAKE, DePaul University (SUSAN MARKUNAS, Faculty Sponsor)

77 Masculinity and rape: The role of entitlement

KYLE MARMESH, University of Wisconsin - La Crosse (BETSY MORGAN, Faculty Sponsor)

78 Jumping Jacks as an Aphrodisiac? The Effect of Behavioral Synchrony on Ratings of Attractiveness

PATRICIA HERRERA, ASHLEY MARTINEZ, JASIMINE MOORE, ROSA SOTO & SEMHAR BERHE, Elmhurst College (ELIZABETH MAJKA, Faculty Sponsor)

79 Detection of Sexual Orientation across Ovulation

TARA YOUNG & TYLER BRIDGES-PARLET, University of Wisconsin Eau Claire (JEFFREY GOODMAN, Faculty Sponsor)

80 Financial Stress and its Effects on Families, Parental Disclosure and Children's Behavioral Issues

JESSICA MCCAGUE-LOPEZ, Governors State University (CRYSTAL HARRIS BLOUNT, Faculty Sponsor)

81 Increasing Happiness by Spending on Others or Spending on Oneself? Why Not Both?

CODY BENGTSON, Elmhurst College (ELIZABETH MAJKA, Faculty Sponsor)

82 Thwarting the Need to Belong: Can Synchrony Offer Reprieve Following Social Rejection?

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- 83 Impressions of Vocal Fry Accent on Interpersonal Evaluations CHELSEY OLSON, DION ALIMORONG, DANETTE AYALA, ROXANNE GARCIA & SABINA KHAN, Elmhurst College (ELIZABETH MAJKA, Faculty Sponsor)
- **84** The Effect of Efficacy in Reducing Disability Related Prejudice ERIN BROSNAN, LINDSEY NOLAN, ANNA MONROY & RAHAF DAMRA, Elmhurst College (ELIZABETH MAJKA, Faculty Sponsor)
- **85 Beliefs in Rape Myths: What's personality got to do with it?** GRANT GILLILAND & KODY PERRINE, Wright State University (MARTIN GOODEN, Faculty Sponsor)
- 86 Do Women Prefer a "Tease" and Men a "Sure Thing"? The Effect of Uncertainty on Romantic Attraction
 ENDYA CLARK, KELSEY MILLER, MOLLY HOLMES & BRIANNA KIDD, Elmhurst College (ELIZABETH MAJKA, Faculty Sponsor)
- **87 Evoking Criminal Stereotypes Based on Race and Gender**LAURA COMO & CARLA WEBER, University of Wisconsin La Crosse (GRACE DEASON, Faculty Sponsor)

Psi Chi Symposium:

Great Ideas for Making Your Psi Chi Chapter Effective and Making the most of Psi Chi: Tips to Win Grant Money and More

Friday, 9:30 - 10:20AM

Salon 2

MIKE DUDLEY, Southern Illinois University Edwardsville; BECKY SENN, University of Wisconsin Green Bay, BRIANNA WERNER, University of Illinois Springfield

There are many challenges faced in running a Psi Chi chapter. In this session an award-winning chapter President as well as two experienced Psi Chi faculty advisers with active successful chapters will share best practices. In addition the International Office Chief Operating Officer will shed helpful tips from behind the scenes.

Psi Chi Symposium:

Careers in Psychology: Surviving Your "Freshman" Year in the Workplace with a Bachelor's Degree

Friday, 10:30-11:20AM

Salon 2

PAUL HETTICH, DePaul University

Many employers complain about the lack of professional preparedness, unrealistic expectations, and entitlement attitudes that new college graduates bring to the workplace. Graduates must adapt to a new organizational culture, *apply* their skills, and master behaviors and attitudes that lead to promotion or better assignments. Options for strengthening workplace readiness are discussed.

Psi Chi Symposium: Internalized Oppression among Various Groups

Friday, 11:30AM-12:20PM

Salon 2

E. J. R. DAVID, University of Alaska Anchorage

Throughout history, people are stereotyped and discriminated against simply because of their social group membership. But what does it look like when such oppression gets under their skin? This presentation covers the manifestations and implications of internalized oppression among various racial groups, women, people with disabilities, and the LGBT community.

Psi Chi International Honor Society Research Award Winners

(Poster Session Time and Poster number)

1 (Thursday, 8:30, 4)

Predicting Workplace Interactions: Counterproductive Work Behaviors, Interpersonal Relationships and Select Big Five Traits SARAH MCLAUGHLIN, BRYAN FABER & AARON WILLIAMS, Wright State University (GARY BURNS, Faculty Sponsor) This research examines Counterproductive Work Behaviors (CWBs), workplace Interpersonal Relationships (IRPs), and three of the Big Five traits. Data from 132 working adults supported that employees who engage in IPRs engage in significantly fewer CWBs with personality as a moderator. Our results have important implications for organizational policies.

2 (Thursday, 8:30, 68)

Maternal Neurological and Self-reported Emotions in Response to Child Fear

LINDSEY COLLINS, Miami University (ELIZABETH KIEL & ROBIN THOMAS, Faculty Sponsors)

The project aims to address to role of emotional awareness in the relation between individual mothers' self-reported and neurological emotional reactions to their children's fear expressions. A multiple regression analysis is expected to illustrate that the interaction between emotional awareness and self-report of emotion will significantly predict frontal asymmetry.

3 (Thursday, 9:30, 12)

Genetic Susceptibility Contributes to Relationship between Subclinical Autism Traits and Weak Central Coherence in Young Adults KELLI BUCHANAN, University of Missouri Columbia (SHAWN CHRIST, Faculty Sponsor)

The present study investigated the relationship between subclinical autism symptomatology and visual processing. Findings suggest that the relationship between subclinical autism traits and neurocognitive profile (including weak central coherence) is moderated by genetic susceptibility such that the two are correlated in siblings of autistic individuals but not non-siblings.

4 (Thursday, 9:30, 37)

Economic Benefits of Multisystemic Therapy for Serious Juvenile Offenders and Their Siblings: An Updated Cost-Benefit Analysis AMELIA SORG, University of Missouri (CHARLES BORDUIN, Faculty Sponsor) This study investigated the costs and benefits of multisystemic versus individual therapy from a 25-year follow-up of juvenile offenders and siblings. Reductions in criminality in the MST versus IT conditions returned substantial cost savings. Specifically, every dollar spent on MST recovered savings up to \$6.83 to taxpayers and crime victims.

5 (Thursday, 9:30, 85)

Learning Practices Amongst College Students

BRIANNA BARTOSZEWSKI, MEGAN DEKEYSER, ELISABETH GEHRKE, KAYLA KLEMM, BREANNA-ROSE OLSON & JENNIFER PANSKE, University of Wisconsin Green Bay (REGAN GURUNG, Faculty Sponsor)

The purpose of this study was to measure ten learning techniques and other predictors in relation to their academic performance. A bivariate correlation revealed that specific learning techniques are related to a student's academic performance. Results provide insight to educators and students of which techniques can enhance academic performance.

6 (Thursday, 10:30, 25)

#notallowedto: Sex Differences in Jealousy and Mate Guarding in Social

SAMANTHA BRANDT, LORA ADAIR & MACKENZIE JANTSCH, Kansas State University (GARY BRASE, Faculty Sponsor)

Preliminary analysis of Tweets containing #mygirlfriendsnotallowedto and #myboyfriendsnotallowedto demonstrated sex differences in controlling behaviors toward partners when a perceived threat to the relationship is present. Women were more likely to reference emotional infidelity and resource displays in Tweets, while men were more likely to reference physical attractiveness in their Tweets.

7 (Thursday, 11:30, 1)

Infant Abilities to Distinguish Between Moral and Conventional Transgressions

JAMIN SHIH, University of Missouri (KRISTY VANMARLE, Faculty Sponsor)

Infants watched a neutral agent preferring either a moral transgressor or neutral transgressor (Expt. 1) or a moral or conventional transgressor (Expt. 2). Thirteen-month-olds did not distinguish conventional from moral transgressors, but successfully discriminated moral transgressors from neutral individuals. We predict the moral-conventional distinction to be discriminable by 18 months.

8 (Thursday, 11:30, 6)

Sexual Assault, Permissive Sexual Attitudes and Triggers of Adolescent Dating Aggression

ANDREA BELLOVARY & CHRISTINA CAIOZZO, Marquette University (MICHAEL WIERZBICKI, Faculty Sponsor)

This study investigated the triggers of adolescent dating aggression and whether sexual assault history and permissive sexual attitudes predicted aggression. Analysis shows sexual assault history predicted future victimization and perpetration of aggression and endorsement of Intentional Harm code and permissive sexual attitudes predicted perpetration for only men.

9 (Thursday, 11:30, 11)

Sand In or Sand Out: Infants' ability to reason about substances and objects

LAUREN SCHNEIDER, University of Missouri (KRISTY VANMARLE, Faculty Sponsor)

We investigated infants' ability to reason about nonsolid substances (e.g., sand, water) and how they interact with objects. Although previous studies suggest infants' understanding of nonsolid substances is relatively limited, 16-month-olds here successfully predicted whether sand should remain inside a container based on whether the container is solid or perforated.

10 (Thursday, 11:30, 58)

Effects of Chronic-Restraint Stress on Learning, Memory, and Self-Control in Rats

ANGELA DANIELS, KELSEY ECKSTEIN, KIRSTIE GABBERT, BRITTANY SERVENT & SHELBY WINSTED, University of Wisconsin River Falls (DANIEL LINWICK, Faculty Sponsor)

The effects of stress on learning, memory, and self-control were assessed. Chronic-restraint stress reduced activity levels of male rats. Female rats in the control group made fewer errors in a radial-arm maze. Males in the control group waited substantially longer than males in the chronic-restraint group for a large reinforcer.

11 (Thursday, 11:30, 88)

The Relationship between Shared Perception of Treatment Adherence and Psychosocial Factors within HIV-Positive African American Dyads CIERA LEWIS & ASHLEY BILLIG, University of Wisconsin Milwaukee (KATIE MOSACK, Faculty Sponsor)

We examined concordance of HIV-positive persons and their supporters with respect to medication adherence and the degree to which these perceptions predicted psychosocial functioning. Concordance did not predict anxiety or social support; but it did predict depression. HIV-positive

persons' medication adherence self-efficacy was also related to their supporters' support self-efficacy.

12 (Thursday, 12:30, 9)

Relation between Academic Summer Camp Involvement and Self-Concept Growth in Gifted Adolescents

ANTHONY ROBERSON, Truman State University (JEFFREY VITTENGL, Faculty Sponsor)

This study examined the relation between self-concept growth and academic summer camp involvement in gifted adolescents. Participants (N=339) rated their self-concepts in two academic and four nonacademic areas at the beginning and the end of their camp session. The hypothesis that students experience significant positive gains in self-concept was supported.

13 (Thursday, 12:30, 21)

Climate Change Attitudes and Behavior: Is it Powered by Psychological Distance and Action Goals?

JENNA NESS, University of St. Thomas (ELISE AMEL, Faculty Sponsor) Climate change attitudes and behavior were measured in relation to researcher manipulation of psychological distance and personal action goals. 180 participants completed an online survey measuring psychological distance, self-efficacy, and goal commitment, with an opportunity to take action. Close distance and specific goals were expected to improve attitude and behavior.

14 (Thursday, 12:30, 54)

Do Stereotypes and Prejudice Against Arab-Muslims Serve a Detachment Function?

ERIC SHUMAN, ASTRID PRUITT, ALINA MARCINIAK & JULIE WOODZICKA, Washington and Lee University (JULIE WOODZICKA, Faculty Sponsor)

This study explores whether stereotypes against Arab-Muslims serve a detachment function, allowing participants to detach themselves from violence against Arab-Muslims for which they felt responsible. Analysis of lexical decision tasks, skin conductance level during a violent video, and self-reported responsibility, indicated participants detach from violence for which they feel responsible.

15 (Friday, 8:30, 40)

When You Fail to Keep Your Eyes on the Prize: The Influence of Nonnumeric Social Comparative Information on Judgments and Decisions SHUQI LI, The University of Iowa (JASON CLARK, Faculty Sponsor) The present study tested people's optimism in non-competitive, social comparison situations. A paired sample t-test showed that people were highly sensitive to objectively irrelevant social comparative information. Participants in downward social comparison situations were more optimistic in their judgments and betting decisions than were those in upward social comparison situations.

16 (Friday, 8:30, 67)

Biopsychosocial Differential Predictors of Suicide and BullyingCAITLIN SHELLENBARGER, University of Findlay (ANDREA MATA, Faculty Sponsor)

The purpose of this study was to investigate biopsychosocial factors that differentiate those who were bullied and experienced suicidality compared to those who did not. Chi square and independent sample t-tests showed that sex, GPA, closeness to parents and school, and higher self-esteem and optimism differentiated the two groups.

17 (Friday, 9:30, 14)

The Effect of Collective Self-Esteem on Heterosexual Assessment of Same-Sex Relationship Quality

STEVEN PALMIERI, John Carroll University (JOHN YOST, Faculty Sponsor)

This study examines the effect of collective self-esteem (CSE) on evaluation of same-sex relationship quality. Heterosexuals with high CSE evaluated same-sex relationships more negatively than heterosexuals with low CSE. This finding lends credence to social identity theory, and extends its principles to the context of evaluation of same-sex relationships.

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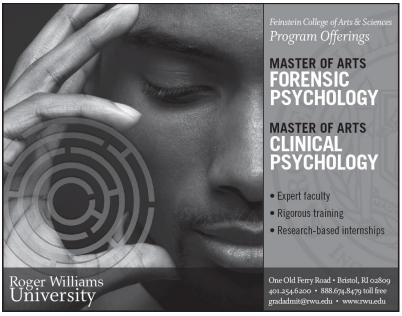
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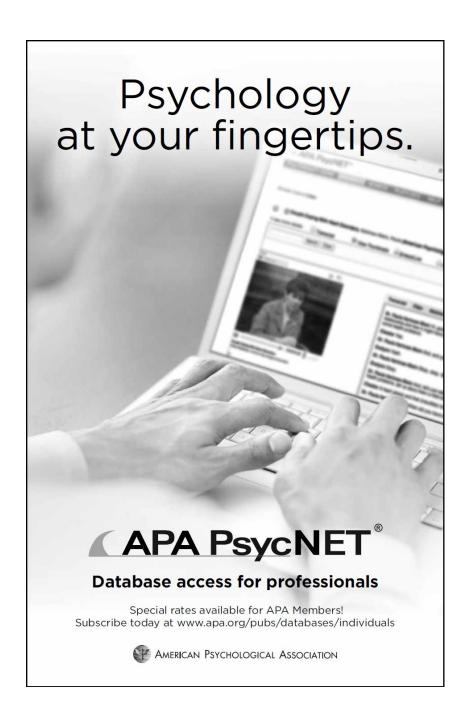
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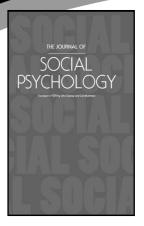


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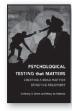
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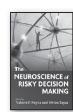
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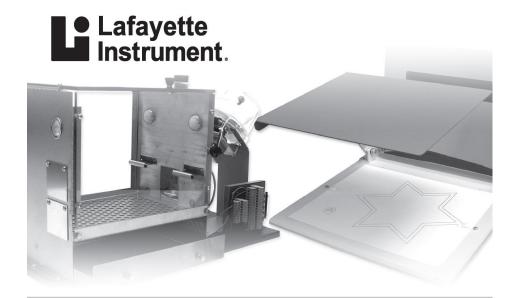
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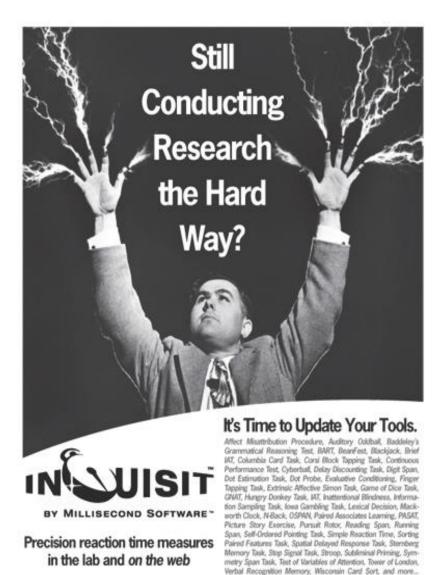
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Condensed Program: Thursday Morning Registration in Exhibit Hall 7:30AM-4:50PM

Room	8:30AM – 10:20AM	10:30AM – 12:20PM
Exhibit Hall	8:30 Psi Chi Posters I (p. 265) 9:30 Psi Chi Posters II (p. 275)	10:30 Psi Chi Posters III (p 285) 11:30 Psi Chi Posters IV (p.295) 12:30 Psi Chi Posters V (p. 305)
Adams		Inv Address: Sandra Murray Romantic Life (p. 26)
Wabash	Stats Wrkshp: Rick Hoyle Structural Eq Model (p. 13)	
Crystal		
Salon 1	Language (p. 13)	Cognitive Development (p. 28)
Salon 2		12:30 Being a Rock-Star Undergrad (p. 315)
Salon 3	Family Relationships (p. 15)	Social Development (p. 29)
Salon 5/8	Symposium: Evolutionary Psychology (p. 17)	APA Invited Workshop: How to Publish (p. 27)
Salon 6/7	8:45 Racism & Stereotype Threat (p. 20)	Prejudice (p. 31)
Salon 10	9:00 Symposium: Peers Intervention (p. 22)	Psychopathology (p. 32)
Salon 12	Decision Making (p. 17)	Well-being & Prosocial Behavior (p. 34)
Kimball	9:00 Gender & Performance (p. 22)	Power! (p. 35)
Logan	9:00 Psychology of Equity (p. 24)	Symposium: Materialism Research (p. 37)
Marshfield	9:30 Behavioral Neuroscience (p. 25)	Invited Symposium: Develop Neuroscience (p. 26)
Wilson	Symposium: Cognition in Education (p. 19)	Cognition & Education (p.38)

Condensed Program: Thursday Afternoon Registration in Exhibit Hall 7:30AM-4:50PM

Room	1:00PM - 2:50PM	3:00PM - 4:50PM	
Exhibit	1:30 Applied Social	Cognitive & Cognitive	
Hall	Psychology & Personality	Development Posters	
	Posters (p. 49)	(p. 79)	
Adams	1:30 Invited Address: Aaron	Ź	
	Benjamin (p. 48)		
Wabash	Methods Workshop: Hebl	Stats Wrkshp: Andrew Hayes	
	Outside the Subject Pool (p.40)	Moderation/Mediation (p. 70)	
Crystal		3:30 Psi Chi Awards &	
		Reception (p. 316)	
Salon 1	Cultural Psychology	Behavioral Neuroscience	
	(p.40)	(p. 70)	
Salon 2	1:30 GRE/Grad School Prepara	4 /	
	2:30 Psi Chi Leadership (p. 31)	6)	
Salon 3	Interpersonal Relationships	Romantic Relationships	
	(p. 42)	(p. 71)	
Salon 5/8	Motivation in Academics	3:15 Social Cognition	
	(p. 43)	(p. 100)	
Salon 6/7	Stereotype & Gender	Exclusion & Rejection	
	(p. 45)	(p. 73)	
Salon 10	Eating Disorders & Physical	Symposium: Immigrants &	
	Activity (p. 47)	Refugees (p. 75)	
Salon 12		Parenthood in the Workplace	
		(p. 76)	
Kimball		Symposium: Political	
		Psychology (p. 77)	
Logan			
Marshfield	2:00 Invited Workshop:	3:15 Teaching & Psychology	
	Mastering APA Style (p. 69)	(p. 101)	
Wilson		Symposium: Religion &	
		Community Psych (p. 78)	

Social Hour: 5:00PM - 7:00PM Empire Ballroom (Adjacent to Main Lobby); All are invited!

Condensed Program: Friday Morning Registration in Exhibit Hall 8:00AM-2:45PM

Room	8:30AM – 10:20AM	10:30AM - 12:20PM	
Exhibit Hall	8:30 Psi Chi Posters VI (p.317) 9:30 Psi Chi Posters VII (p.327)	10:30-12:20 Neuro Posters (p. 126) 10:30-11:20 D27 Posters (p. 256) 11:30-12:20 STP Posters (p. 242)	
Grand/State	9:00 Invited Address: Bargh Social Judgment (p. 115)	Invited Address: Diener Happiness (p. 116)	
Crystal	Race & Ethnicity (p. 104)	Ostracism: Social Death (p. 117)	
Salon 1	Group Relations (p. 105)	Gender Formation (p. 118)	
Salon 2	9:30 Psi Chi Leadership (p. 337)	10:30 Careers in Psychology 11:30 Oppression (p. 337)	
Salon 3	Symposium: Women at Work (p. 107)	Objectification (p. 120)	
Salon 4	Teaching of Psychology Symposia (p. 241)	Teaching Symposia	
Salon 5/8	Sexual Attraction (p. 108)	Developmental Pathways (p. 121)	
Salon 6/7	Symposium: Identity in Men (p. 110)	Social Influence (p. 122)	
Salon 9	8:45 Symposium: Social Comparison (p. 114)		
Salon 10	9:30 Cognitive Neuroscience (p. 115)	Symposium: Latino Mental Health (p. 124)	
Salon 12	Attention & Media (p. 110)	Symposium: Cognition & Metacognition (p. 125)	
Indiana Kimball Logan Madison	Division 27: Community Research and Action Symposia & Roundtables (p. 253)		
Marshfield Wilson	Health Psychology		
Wabash	(p. 112)		

Condensed Program: Friday Afternoon

Registration in Upper Exhibit Hall 8:00AM-2:45PM

Room	1:00PM - 2:50PM	3:00PM - 4:50PM
Exhibit	1:15 Social, Developmental,	
Hall	& Health Psychology Posters (p. 142)	
Grand/State	Invited Address: Janet Hyde Gender Similarities (p. 134)	MPA Presidential Address Margo Monteith (pp. 166-7)
Crystal	1:30 The Dark Triad (p. 163)	vialgo violitetti (pp. 100 /)
Salon 1	Stress, Trauma, Coping (p. 135)	
Salon 2		
Salon 3		
Salon 4	12:30 Teaching of Psych Symposia (p. 249)	
Salon 5/8	Behavioral Neuroscience (p. 137)	
Salon 6/7	1:15 Memory & Emotion (p. 140)	
Salon 9	STP Programming	
Salon 10	1:30 Self & Meaning (p. 164)	
Salon 12	Group Performance (p. 138)	
Indiana		
Kimball	Community Psychology	
Logan	Symposia & Roundtables	
Madison	(p. 264)	
Marshfield		
Wilson		
Wabash	2:00 STP Invited Address: Karpicke (p. 249)	

Social Hour: 5:00PM - 7:00PM Honorae Ballroom (Adjacent to Main Lobby); All are invited!

Condensed Program: Saturday Registration in Exhibit Hall 8:00-11:50AM

Room	8:30AM- 10:20AM	10:30AM- 12:20PM	12:30PM- 2:20PM
Exhibit Hall	Social, Developmental, & IO Posters (p. 176)	Clinical Psychology Posters (p. 206)	
Wabash	STP Addrss (p.250) 8:30 STP: Kite 9:30 STP: Bjork	Invited Workshop: Prof Development (p. 198)	Invited Address: Sandra Graham (p. 230)
Crystal	Prejudice (p. 169)	Prosocial Behavior (p. 199)	Attitudes & Persuasion (p. 230)
Salon 1	Memory & Cognitive Control (p. 170)	Explicit Memory (p. 201)	Addiction & Substance Abuse (p. 232)
Salon 3	8:45 Sexuality (p. 196)	10:45 Personality (p. 228)	Employee Experiences (p. 233)
Salon 4		Teaching of Psychology Symposia (p. 251)	Teaching of Psychology Symposia (p. 252)
Salon 5/8		Automaticity (p. 203)	Metacognition (p. 235)
Salon 6/7	Self-Regulation (p. 172)		Religiosity & Health (p. 237)
Salon 9		Teaching of Psych Roundtables (p. 251)	Teaching of Psych Roundtables (p. 252)
Salon 10	Symposium: Neuroendo- crynology (p. 174)	Self-Knowledge (p. 204)	
Salon 12	Symposium: Substance Use Disorders (p. 175)		Applied Social Psychology (p. 238)

Thanks for attending the 2014 Annual Meeting. The *Call for Papers* for next year's meeting will be posted September 1, 2014 at www.midwesternpsych.org.

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