PROGRAM
EIGHTY-THIRD ANNUAL MEETING
2011
MIDWESTERN PSYCHOLOGICAL ASSOCIATION

Table of Contents
List of Meeting Rooms ................................................. Inside front cover
Maps of Meeting Rooms .............................................. 2-3
General Information ......................................................... 4
List of New Fellows .......................................................... 8
MPA Past Presidents ......................................................... 9
MPA Program
  Thursday ........................................................................ 10
  Friday ............................................................................ 64
  Saturday ......................................................................... 137
Society for the Teaching of Psychology ............................... 174
APA Division 27 Program ................................................. 187
Psi Chi Program ................................................................. 195
Exhibitors ....................................................................... 252
MPA Local Representatives ............................................... 254
Condensed Program A ....................................................... 260
Condensed Program B ....................................................... 284
Advertising Section .......................................................... 289
Index of Participants .......................................................... 295
Map of Downtown Chicago ................................................. Inside back cover

FUTURE MEETINGS
May 3-5, 2012
May 2-4, 2013
May 1-3, 2014
April 30-May 2, 2015

1
MAPS OF MEETING ROOMS

Fifth Floor

Sixth Floor
GENERAL INFORMATION

PURPOSE

The primary function of the Midwestern Psychological Association is to conduct an annual meeting at which scientific papers and symposia may be presented. A declaration adopted by the Council in 1952 states:

“The professional problems of psychology are best handled at the national level by the national organization and at the local level by the state organization. The Midwestern Psychological Association will therefore retain its traditional function of encouraging psychology as a science rather than as a profession. This principle will continue to be reflected in the programming procedures and membership standards.”

MEMBERSHIP

Persons with a doctorate in psychology may join MPA by completing a membership application at the meeting, or by completing the membership application form found on the membership page at MPA’s web site at www.midwesternpsych.org. Dues are $45 for one year, with a special rate of $120 for three years in advance. Graduate students may join with an endorsement from a faculty member. Graduate student dues are $20 a year. MPA’s fiscal year runs from July 1 through June 30. There is no geographic restriction on membership.

LOCATION AND PARKING

The Palmer House is located in downtown Chicago (“the Loop”) at 17 East Monroe, between State and Wabash (see map on the inside of the back cover of the program). The phone number is (312) 726-7500.

At the Mid-Continental Plaza (55 E. Monroe, across Wabash from the Palmer House), the rate for self-parking is $38 for 24 hours. Make sure you get your ticket stamped at the Palmer House desk. Two-way valet parking also available there at a rate of $61 for 24 hours. Rates include in/out privileges.

Vans can be parked here if their height is 6’7” or less. Bigger vans can be parked in a surface lot at Van Buren & Wabash (2 blocks south). Additional lots are available south of the Palmer House Hilton. Rates are subject to change.
AIRPORT CONNECTIONS

For information about airport connections to downtown Chicago, visit our website at:

http://www.midwesternpsych.org/meeting/airport.php

The site includes information about shuttles, public transit, and estimated cab fare to and from the airports. For the airport shuttles, there is a link on our website for a 15% discount.

ACCESS FOR PERSONS WITH DISABILITIES

The Palmer House is conveniently 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, Phil Finney, who will attempt to arrange a volunteer to assist the member during the hours he or she will be attending. If the request comes early, there is every likelihood that such an arrangement will be possible.

INFORMATION & MESSAGES

The Palmer House phone number is: 312-726-7500. An information table near the registration area in the exhibit hall will provide information about restaurants, events, and places of interest in Chicago. Also near the registration area will be a message board to help registrants contact one another. We suggest that you check the board regularly.

REGISTRATION

There is no registration fee for MPA members whose dues are current. Badges will be available in the registration area for all members with current dues. Members whose dues are not up-to-date may pay dues at the meeting, but they should be aware that those dues will expire on June 30 of the current year.

Persons with doctorates in psychology and graduate students may join MPA at the meeting. Graduate students will need their application endorsed by a faculty member (regular) of MPA. Undergraduates may not join MPA, but are very welcome to register and attend the meeting. For nonmembers, there is a registration fee of $50.00 ($25 for nonmember student onsite registration).
REGISTRATION:
Place: Upper Exhibition Hall-4th floor
Times: Thursday-8:30 am to 4:00 pm
      Friday-7:30 am to 3:00 pm
      Saturday-8:30 am to 11:30 am

EXHIBITS:
Place: Upper Exhibition Hall-4th floor
Times: Thursday-8:00 am to 5:00 pm
      Friday-8:00 am to 3:00 pm
      Saturday-8:30 am to 11:30 am

MPA OFFICERS
Donal Carlston, Purdue University, President
Janice R. Kelly, Purdue University, Past President
Mary E. Kite, Ball State University, President-Elect
Judith Elaine Blakemore, Indiana University Purdue University Fort Wayne, Interim Secretary-Treasurer (2010-2011)
Catherine Haden, Loyola University Chicago, Council (2009-2012)
John Pryor, Illinois State University, Council (2010-2013)
David Uttal, Northwestern University, Council (2008-2011)

Assisting the Council
Donal Carlston, Purdue University, Investment Manager
Steve A. Nida, The Citadel, Convention Affairs Coordinator
Jeffrey Stowell, Eastern Illinois University, Webmaster

PROGRAM COMMITTEE
Program Moderator: Carey Ryan - University of Nebraska, Omaha
Dawn Albertson - Minnesota State University, Mankato (2009-2011)
Robert Arkin - Ohio State University (2010-2012)
Leslie Ashburn-Nardo - Indiana Purdue University Indianapolis (2011-2013)
Emily Durbin - Northwestern University (2010-2012)
Daren Kaiser - Indiana University Purdue University Fort Wayne (2011-2013)
Allen McConnell - Miami University (2010-2012)
William Merriman - Kent State University (2009-2011; program moderator-elect, 2012)
Ernest Park - Cleveland State University (2011-2013)
Sarah Schoppe-Sullivan - Ohio State University (2011-2013)
Robert West - Iowa State University (2010-2012)
LOCAL ARRANGEMENTS COORDINATOR

Bernard L. Dugoni
National Opinion Research Center, University of Chicago
1155 E. 60th St, Chicago, IL 60637
Phone: 773-256-6193     Fax: 773-753-7886
Email: dugoni@uchicago.edu

CONVENTION MANAGER

Phillip Finney
Department of Psychology, Southeast Missouri State University
One University Plaza
Cape Girardeau, MO, 63701
Phone: (573) 651-2452     Fax: (573) 651-2176
Email: pfinney@semo.edu

VOLUNTEERS AND PUBLIC INFORMATION

Joseph R. Ferrari
Department of Psychology, DePaul University
2219 North Kenmore Avenue
Chicago, IL 60614-3504
Phone: (773) 325-4244    Fax: (773) 325-7888
Email: jferrari@depaul.edu

MPA CONTACT INFORMATION

Judith Elaine Blakemore, Interim Secretary-Treasurer
Department of Psychology
Indiana University - Purdue University, Fort Wayne
2001 E. Coliseum Blvd
Fort Wayne, IN 46805
Phone: (260) 481-6400    Fax: (260) 481-6972
Email: secretary@midwesternpsych.org

The Secretary-Treasurer thanks Cindy Ruman for her assistance in preparing this program book.

MPA thanks the Education Directorate and the Science Directorate of the American Psychological Association for their financial support of this year’s meeting.
NEW FELLOWS

Bevins, Rick A.
Brown, Donald R.
Canter, Arthur
Enns, Carolyn
Farber, I. E.
Farley, Frank H.
Ferguson, Eva D.
Fowles, Don C.
Gawronski, Bertram
Gorfein, David S.
Greeno, James G.
Greenwald, Anthony
Holtgraves, Thomas
Jacobs, T. O.
Klinger, Eric
Landrum, Ronald Eric
McAllister, Wallace R.
McCann, Lee I.
McKeachie, Wilbert J.
Morgan, Betsy Levonian
Ornstein, Peter A.
Perkins, Charles C.
Pratkanis, Anthony R.
Rips, Lance J.
Rorer, Leonard G.
Ross, Michael
Ryan, Carey S.
Strauss, Billie S.
Thurlow, Willard R.
Toglia, Michael P.
VanDusen, Albert C.
Weiten, Wayne
### MPA PAST PRESIDENTS

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<tr>
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Society for the Teaching of Psychology Invited Address

Importing Memory Principles to Education: Improving Learning and Instruction
MARK MCDANIEL, Washington University at St. Louis

Thursday, 10:00-11:00 Crystal Room
DANIEL CORTS, Augustana College, Moderator

Control, Relationships & Well-Being

Thursday, 10:00-12:00 Wilson Room
DAVID J. LANE, Western Illinois University, Moderator

10:00 Invited Talk
The Study of Decision Making Within a Video Game Environment
MICHAEL E. YOUNG, Southern Illinois University Carbondale
meyoung@siu.edu.
My laboratory recently has been using a video game for studying causal decisions and impulsivity. I will discuss the results of these endeavors, the unique challenges faced in designing video games for studying choice, and the opportunities that the approach creates for developing more complete theories of decision making.

10:30
Friends with Benefits: On the Positive Consequences of Pet Ownership
ALLEN R. MCCONNELL, Miami University; CHRISTINA M. BROWN, Saint Louis University; TONYA M. SHODA, Miami University; COLLEEN M. MARTIN, Loyola University; LAURA E. STAYTON, University of Dayton
shodatm@muohio.edu
Two studies examined the benefits of pet ownership. Study 1 found that owners whose pets provided greater social needs fulfillment had better well-being, especially when their pets offset less-than-ideal human social support. Study 2 demonstrated that thinking of one's pet staved off negative feelings from an experimental induction of loneliness.

10:45
The Role of Extraversion and Neuroticism on Anxiety Following Computer-Mediated Interactions
Increasing popularity of internet use has prompted an influx researching online behavior. The current study examined whether individuals with certain personality characteristics feel less anxious after communicating with someone online. It was discovered that introverted and neurotic participants tended to be less anxious communicating using computer-mediated communication.

11:00
Understanding Everyday Psychopathy
NATHAN L. ARBUCKLE & WILLIAM A. CUNNINGHAM, The Ohio State University
arbuckle.6@buckeyemail.osu.edu
We examined the extent to which the empathy deficits produced by psychopathy in non-clinical populations are caused by a lack of ability or motivation. We found that those undergraduates high in psychopathy did care about others in an economic game if they were given sufficient motivation to do so.

11:15
Losing Man’s Best Friend: Anthropomorphism, Control, and Pet Loss
MITCHELL M. LORENZ, JENNIFER N. FORD & DAVID J. LANE, Western Illinois University
mm-lorenz@wiu.edu
Participants completed questionnaires investigating responses to pet loss, anthropomorphism and locus of control. When analyzed as predictors of distress following pet loss, an interaction between anthropomorphism and locus of control was found. Those high in external locus of control but low in anthropomorphism reported the highest distress following pet loss.

11:30
Taking a Fresh Perspective: The Vicarious Restoration of Self-Control
PATRICK EGAN, SAM KARPEN & ED HIRT, Indiana University
pmegan@indiana.edu
Two studies tested the hypothesis that self-regulatory resources can be vicariously restored. In Experiment 1, individuals who took the perspective of a restored target exhibited restoration on a subsequent self-control task. Experiment 2 showed that this effect is moderated by the similarity of the target and the participant.

11:45
I Am What I Do, Not What I Have: Relationship Between Experiential and Material Purchases to the Self
TRAVIS J. CARTER, University of Chicago; THOMAS GILOVICH, Cornell University
We explore one reason why experiences tend to be ultimately more satisfying than material possessions. Compared with their possessions, people see their experiential purchases as more central to the self -- literally closer to their self-concept, and a bigger part of their life narrative -- which mediates differences in satisfaction.

**Evolutionary Psychology**

*Thursday, 10:00-11:45 Logan Room*

ANA HUTTON KEHRBERG, Muskingum University, Moderator

**10:00**

**Sex Differences in Response to Actual Infidelity: Focus versus Jealousy?**

BETTINA U. ZENGEL & BRAD J. SAGARIN, Northern Illinois University

bzengel@frontier.com

We examined sex differences in response to actual infidelity. Contrary to prior results, a sex difference appeared in which type of infidelity provoked more “focus” (p = .047) but not when jealousy questions preceded focus questions (p = .30). Open-ended responses demonstrated that focus is not synonymous with jealousy.

**10:15**

**Social Exclusion Facilitates Short-Term Mating Interest In Women**

DONALD F. SACCO, Miami University; STEVEN G. YOUNG, Tufts University; CHRISTINA M. BROWN, Saint Louis University; MICHAEL J. BERNSTEIN, Penn State Abington; KURT HUGENBERG, Miami University

saccodf@muohio.edu

In two studies, women were assigned to a social inclusion, social exclusion or control condition. In Study 1, excluded women indicated greater preference for muscular male body types, compared to included and control women. In Study 2, excluded women displayed greater interests in uncommitted sex and a faster life-history strategy.

**10:30**

**Life History Trajectory, Fear of Death, and Death Awareness**

EUGENE MATHES & CURTIS DUNKEL, Western Illinois University

EW-Mathes@wiu.edu

The purpose of this research was to test the hypothesis, drawn from life history theory, that an interaction would be found between fear of death and death awareness such that participants high on both would pursue a fast trajectory. Support was found for the hypothesis.
10:45
The Effect of Rejection on Recognition of Emotional Faces
AARON A. SHILLING, Saint Louis University; KRISTINE M. KELLY, Western Illinois University
ashillin@slu.edu
Social exclusion was predicted to elicit regulatory processes involving facial recognition. A computerized ball-toss game manipulated social exclusion. Subsequently, participants completed a facial recognition task. Consistent with the Categorization-Individuation Model, excluded people showed no recognition differences among emotional faces, whereas included people showed a recognition deficit for angry faces.

11:00
Reproductively Relevant Factors Influence the Likelihood of Exposing Sexual Cheating
DANIEL J. KRUGER, University of Michigan; MARYANNE L. FISHER, St. Mary's University; CAREY FITZGERALD, Central Michigan University
djk2012@gmail.com
We examined factors influencing uninvolved individuals' likelihood of exposing sexual cheaters. Results support predictions from evolutionary theory. Kin, close friends, the (previously) faithful, and those providing financial support were both protected when cheating and more likely to be informed when cheated on. The opposite held for abusers and repeat cheaters.

11:15
Socio-Demographic Factors Intensifying Male Mating Competition Increase Excess Male Mortality
DANIEL J. KRUGER, University of Michigan
djk2012@gmail.com
Sex differences shaped by natural and sexual selection interact with the current environment to yield predictable mortality patterns across the lifespan. Areas with greater economic inequality and greater male reproductive inequality, consistent with a greater intensity of male competition, had greater sex differences in mortality.

11:30
Testing the Social Exchange Concern Hypothesis of Physical Disability Stigma
THOMAS P. DIRTH & HELEN C. HARTON, University of Northern Iowa
dirtht@uni.edu
What did our early ancestors prefer, or more importantly, avoid when they were choosing interaction partners? In this study, an evolutionary perspective on physical disability stigma is examined through the creation of a social exchange concern questionnaire and a priming scenario that makes social exchange salient.
College Student Adjustment

Thursday, 10:00-11:00
Marshfield Room
ROBERT WEIS, Denison University, Moderator

10:00
Development of the Helicopter Parenting Questionnaire
WESLEY D. ALLAN, SANJA TRTANJ, CHELSEA HALWEG, DESIREE WELCH, MONICA KARSAI, ANDREA HADLEY, CAMILLE SHAW & CHELSEA FUELLING, Eastern Illinois University
wallan@eiu.edu
We developed the “Helicopter Parenting Questionnaire” (HPQ) to be used with college-aged students. The scale assesses behaviors inappropriate given the student's capabilities or that hinder independence. The HPQ will be administered to approximately 200 undergraduate students. Factor analysis will examine potential subscales; items with poor internal consistency will be deleted.

10:15
The Impact of Parenting Styles on University Students’ Coping Strategies
XIAOPENG GONG, KATHRYN FLETCHER & JERRELL CASSADY, Ball State University
XGONG@bsu.edu
To explore the relationships between parenting styles and coping strategies, data was collected from 475 college students. SEM was used to test several models. It was found that authoritarian parenting was indicative of coping skills and maladaptive perfectionism. Also, authoritative parenting was related to positive coping skills and adaptive perfectionism.

10:30
Creation of a Mental Health Treatment Fears and Obstacles Inventory
HEATHER P. HATCHETT, Cincinnati State and Technical and Community College; BILL ATTENWEILER & ABIGAIL LEWIS, Northern Kentucky University
heather.hatchett@cincinnatistate.edu
This project concerned the creation of a mental health service treatment fears and obstacles inventory for college students. Using unique methodology, undergraduate participants generated a pool of items; subsequent rational and statistical refinement resulted in a 29 item scale that exhibited clear factor structure and solid internal consistency.

10:45
Academic Stress, Coping and Students’ Risk Behaviors
SARA PROT & DANIEL LANNIN, Iowa State University; ADRIANA BANOZIC, University of Split; (Sponsor: CRAIG A. ANDERSON)
sprot@iastate.edu
Relationships between risk behaviors and academic stress and coping were explored on a sample of 442 students. For women, academic stress was linked with use of tranquillizers ($r = 0.18, p < 0.01$) and starving one's self ($r = 0.15, p < 0.01$). Problem-focused coping was negatively related to academic stress.

### Fluency & Automatic Processes

*Thursday, 10:00-11:45*  
*Indiana Room*  
JEREMY ASHTON HOUSKA, Concordia University Chicago, Moderator

**10:00 Invited Talk**  
**Perceptual Fluency and Social Behavior**  
HEATHER M. CLAYPOOL, Miami University  
claypohm@muohio.edu  
Perceptual fluency (or ease) has been shown to elicit positive social judgments and perceptions. Little work, however, has investigated whether fluency triggers positive behavioral outcomes. This talk will detail several studies illustrating that fluency can engender such effects, including approach behaviors and nonconscious mimicry.

**10:30**  
**When Does (Un)Certainty Motivate Selective Exposure? It Depends on Familiarity**  
VANESSA SAWICKI, Ohio State University; JASON K. CLARK, University of Iowa; DUANE T. WEGENER, Ohio State University; LEANDRE R. FABRIGAR, Queen’s University; STEVEN M. SMITH, Saint Mary’s University  
sawicki.14@osu.edu  
Information familiarity moderated the relation between certainty and attitude-consistent selective exposure. Uncertainty, not confidence, resulted in greater selection of pro- over counter-attitudinal information when information was unfamiliar. However, with high familiarity of selected information, the opposite effect emerged; confident not uncertain attitudes yielded selective exposure to attitude-consistent information.

**10:45**  
**The Accuracy and Utility of Brief-Exposure Judgments of Group-Level Characteristics**  
PAUL STILLMAN, Ohio State University; THOMAS GILOVICH, Cornell University; KENTARO FUJITA, Ohio State University  
stillman.10@osu.edu  
People make accurate judgments of others based on limited exposure, a phenomenon known as “thin-slice judgment”. Previous research has focused primarily on individuals. We examine judgments of group-level characteristics.
Across two groups we demonstrate that thin slice judgments of cohesion predict both more informed judgments, and real group performance outcomes.

11:00
Just a Glance Helps Us Feel Connected
FLORENCIA D. CARDOSO, Universidad Nacional de Mar del Plata; SAMANTHA SLATER, Ohio University; KIPLING D. WILLIAMS, Purdue University
kip@psych.purdue.edu
In two field experiments, one in the US and one in Argentina, we tested whether a fleeting glance of acknowledgment—or the lack thereof—would affect passersby’s feelings of connection with others. Passersby receiving the glance, despite not reporting having noticed it, reported less disconnection than those not receiving it.

11:15
Feeling Versus Thinking: The Formation of Spontaneous Evaluative Inferences
ERICA D. SCHNEID & DONAL E. CARLSTON, Purdue University
schneid@psych.purdue.edu
These studies provide support for spontaneous evaluative inferences (SEI) - global affective responses to individuals based on trait-implying descriptions. These SEIs persist even when no explicit memory exists for the trait that instigated their formation, and can be measured using paradigms developed for the assessment of similar spontaneous trait inference processes.

11:30
Interpersonal Sensitivity and Self-Construals: Who's Better at Thin-Slicing and When?
TONYA M. SHODA & ALLEN R. MCCONNELL, Miami University
shodatm@muohio.edu
We examined relations between self-construals and ability to interpret nonverbal behaviors. People whose self-construals reflected a greater emphasis on close relationships (relational self-construals) and larger group memberships (collective self-construals) were more accurate in decoding nonverbal behavior in real social interactions involving congruent domains of interpersonal perception (i.e., intimacy and kinship).
Racial Identity & Consequences of Racism

Thursday, 10:00-12:00  Salon 1
CAREY S. RYAN, University of Nebraska-Omaha, Moderator

10:00
African-American Identity Mediates Recollected Racial Socialization and Experienced Racial Microaggressions
CARRIE M. BROWN, Saint Louis University; MATTHEW J. TAYLOR & MAURICE ENDSLEY, University of Missouri - St. Louis
cbrown53@slu.edu
One-hundred-forty-one African-American adults completed self-report measures. According to the results, the more often the participants had been socialized by their parents to be aware of racial barriers, the more frequent their reported experiences of racial microaggressions. This relationship was mediated by their psychological racial identity.

10:15
Avoiding Stigmatized Persons: The Role Anticipated Stigma-by-Association
STACEY MCCLELLAN, JEFF ZAMORA & JOHN B. PRYOR, Illinois State University
pryor@ilstu.edu
Why do people avoid stigmatized persons? Concern about potential stigma-by-association represents one possible reason. This research examined men's tendencies to physically distance themselves from overweight women under conditions where they were being observed by another man or not.

10:30
How African American Racial Identity Relates to Academic Engagement
ASHLEY WYNN, ELLIE SHOCKLEY & PENNY S. VISSE, University of Chicago; LESLIE ASHBURN-NARDO, Indiana University-Purdue University Indianapolis
ashley.wynn719@gmail.com
African American racial ideology and racial identity centrality have been shown to predict academic engagement. In replication and extension of previous work, our results support that centrally identifying as Black is associated with positive academic outcomes. Furthermore, racial ideologies differentially predict academic engagement, potentially varying by region and school prestige.
10:45
The Wilder Effect & Non-Party Predictors in the 2008 Election
PATRICK J. EWELL & NICOLE L. MUSCANELL, University of Alabama; CASSIE A. ENO, Waldorf College; BRAD M. OKDIE & ROSANNA E. GUADAGNO, University of Alabama
pjewell@crimson.ua.edu
Over the past several presidential races, researchers have been investigating additional motivations for voting besides political affiliation or policy stance that affect voter outcome. Our results indicate that for our sample, the only significant predictor was race. These results support the popular phenomena know as the Wilder effect.

11:00
Intergroup Trust: Perceived Ingroup Victimhood, Loyalty & Betrayal
KATIE N. ROTELLA, JENNIFER A. RICHESON & JOAN Y. CHIAO, Northwestern University
katierotella2013@u.northwestern.edu
Minority participants primed with high or low perceived group victimhood (PGV) played ingroup or outgroup “partners” in an economic trust game. Participants in the high-PGV condition displayed greater ingroup favoritism than in the low-PGV condition, both at the start of the game and even following a betrayal by their partner.

11:15
Too Tired to Care? Cognitive Depletion Affects Subsequent Discrimination Perceptions
EVELYN R. CARTER, University of Illinois at Chicago; DESTINY PEERY & JENNIFER A. RICHESON, Northwestern University
evelyn.carter10@gmail.com
The present research examines the question of how cognitive depletion affects initial perceptions and responses to discrimination. Black participants were exposed to either blatant or subtle discrimination after completing an easy (control) or difficult (depleting) ANT. Results reveal that experiencing cognitive depletion may lead to decreased perceptions of discrimination.

Power & Self-Regulation

Thursday, 10:00-11:45
Salon 3
KRISTINE M. KELLY, Western Illinois University, Moderator

10:00 Invited Talk
Does Power Corrupt? Or Does Power Buffer Stress--For Better and For Worse?
DANA R. CARNEY, Columbia University
Across species, power is associated with both wonderful and terrible things. Here, I will try to reconcile how power can simultaneously lead to such good and bad things through a stress-buffering mechanism whereby power decreases the emotional, cognitive, and physiological costs of corrupt acts and ordinary stressful experiences alike.

10:30
Power and Consumption: When Do the Powerful (less) Desire Status?
MIAO HU, DEREK RUCKER & ADAM GALINSKY, Northwestern University
m-hu@kellogg.northwestern.edu
Three experiments find that the effects of psychological states of power on preferences are moderated by whether people are role or feeling focused. When feeling-focused, low-power, relative to high-power, states increases preferences for status-related products; when role-focused, this preference reverses. Implications for the study of power and preferences are discussed.

10:45
Money Leads to Self-Perceived Deficiencies in Qualities Associated with Wealth
DARCY R. DUPUIS & IAN NEWBY-CLARK, University of Guelph
ddupuis@uoguelph.ca
We examined whether monetary cues cause a self-perceived deficiency in psychological needs associated with the maintenance of personal wealth. In an experiment that manipulated the presence of money in the environment, money led to a lower sense of autonomy, control, and competence, and a greater personal need for structure.

11:00
Nonsocial Threats Activate Belonging Regulation Processes
BRIANNA MIDDLEWOOD & KRISTY K. DEAN, Grand Valley State University
deankr@gvsu.edu
A well-functioning belonging regulation system should be sensitive to a range of threats implicating social connection - including nonsocial threats. This research confirms that potential failures instigate social reconnection strategies, including the activation of the interdependent self (Study 1) and enhanced performance in interdependent (vs. individual) contexts (Study 2).

11:15
Regret Regulation: A Two-Year Longitudinal Study
MIKE MORRISON, University of Illinois at Urbana-Champaign; NEAL J. ROESE, Northwestern University
mmorris8@cyrus.psych.illinois.edu
In the first long-term longitudinal study of regret regulation, we tracked regrets and regulation strategies over 2 years. Regrets decayed in intensity over time and decay was best predicted by variables highlighted by regret regulation theory (Zeelenberg & Pieters, 2007). Our findings provide support and refinement of several psychological theories.

11:30
Facial Expressivity of Negative Moods: Agreeableness and Mood Induction Procedure
MEGAN K. MCCARTY & JANICE R. KELLY, Purdue University
mccarty1@purdue.edu
We explored the relationship between Agreeableness and facial expressivity of anger and sadness across three mood induction procedures. Participants high in Agreeableness were significantly less facially expressive than participants low in Agreeableness. Agreeableness was negatively correlated with self-reports of facial expression regulation. Type of mood induction also affected facial expressivity.

Cognitive & Social Development

Thursday, 10:00-11:45 Salon 10
SHAWN F. GUILING, Southeast Missouri State University, Moderator

10:00 Invited Talk
Children's Understanding of Technology-Based Sources of Information
JUDITH H. DANOVITCH, Michigan State University
jhd@msu.edu
Children today have unprecedented access to technology-based sources of information, such as computers and the internet, yet little is known about how they evaluate these sources. How sophisticated is young children’s understanding of technology-based sources and how does this understanding fit in with children’s naïve psychological theories?

10:30
Emotion Embodiment in Adopted Chinese and Nonadopted European American Girls
MICHAEL SHUSTER & LINDA CAMRAS, Depaul University; SUSAN PEARLMAN, Western Psychiatric Institute at the University of Pittsburgh
mshuster@depaul.edu
We investigated the embodiment of facial expressions in children by analyzing videotapes of adopted Chinese and nonadopted European American girls engaging in emotion recognition tasks. Results indicate that children's emotion recognition was significantly higher when they embodied the target emotion (produced it on their face) than when they did not.
10:45
Influences of Social Groups and Threat on Children's Emotion Perception
NICOLE C. BALTAZAR & KATHERINE D. KINZLER, University of Chicago
kinzler@uchicago.edu
We investigated two social influences on children's emotion perception. 6-year-olds showed greater accuracy for faces preceded by native, versus foreign-language voice-clips. Additionally, children showed greater accuracy when prompted to search for angry, versus happy faces. Even when faces are held constant, children's expectations about those faces can influence emotion perception.

11:00
Dogs in the Classroom: An Effective Literacy Intervention
CORINNE SERRRA SMITH & ROBERT D. CLARK, The Chicago School of Professional Psychology
corinnes1@aol.com
SitStayRead is an innovative Chicago based literacy program that uses dogs in the classroom to improve students' reading skills. An evaluation during the 2008/2009 school year provides research based evidence that the program is effective in improving at risk second graders' oral reading fluency skills and level of engaged learning.

11:15 Invited Talk
Explanations for Preschoolers' Letter Name Knowledge
RYAN P. BOWLES, Michigan State University
bowlesr@msu.edu
In this talk, I describe several studies that examine explanations for preschoolers' letter name knowledge, a key predictor of later reading ability. I focus particularly on the interrelations of uppercase and lowercase letter knowledge. Results suggest that knowledge of an uppercase letter may facilitate learning of the corresponding lowercase letter.

Invited Address
Embodied Attention and Word Learning in Toddlers
LINDA B. SMITH, Indiana University Bloomington
Thursday, 11:00-12:30 Adams Room
SUSAN GOLDIN-MEADOW, University of Chicago, Moderator
Society for the Teaching of Psychology Invited Address

MPA thanks the APA Education Directorate for their assistance in supporting this lecture

Teaching Biological Psychology

JAMES KALAT, North Carolina State University

Thursday, 12:00-1:00 Crystal Room

BETSY MORGAN, University of Wisconsin - LaCrosse, Moderator

Invited Symposium

Anticipating the Bright Future by Learning From History: Perspectives of MPA Through the Eyes of Past Presidents

Thursday, 12:30-2:00 Salon 3

BERNARD DUGONI, University of Chicago, Moderator

Rise of Research on Women and Gender in the 1970s

ALICE H. EAGLY, Northwestern University

Through the Rear View Mirror: Reflections on Our Discipline

NORBERT L. KERR, Michigan State University

MPA in the New Millennium

R. SCOTT TINDALE, Loyola University

Invited Statistics Workshop

An Introduction to Multilevel Regression Analysis

Thursday, 12:30-2:30 Salon 12

DANIEL W. RUSSELL, Iowa State University

W. TODD ABRAHAM, Iowa State University

K.A.S. WICKRAMA, University of Georgia

We will describe the general model underlying multilevel approaches, presenting examples that apply multilevel methods to data collected at two levels (e.g., individuals and neighborhoods) and data collected over time (i.e., growth curve modeling). These examples will demonstrate the multilevel analysis capabilities that are available in popular statistical software programs.
12:30 Invited Talk
Contextualizing Threat Perception: The Role of Ambiguity and Timing
REGINALD B. ADAMS, JR., The Pennsylvania State University
radams@psu.edu
Responses to facial displays of threat involve both reflexive and more reflective neural processing routes. Whether these are differentially tuned to other threat-related cues, however, remains unclear. I will present studies examining reflexive responses to threat displays preferentially tuned to clear threat and reflective responses preferentially tuned to threat-related ambiguity.

1:00
Scornfulness of status: Anger is more perceptible on high-status faces
NATHANIEL J. RATCLIFF & REGINALD B. ADAMS, JR., The Pennsylvania State University
njr5139@psu.edu
In the current line of research, an emotion-detection advantage for high-status targets was observed. Target status level was manipulated by varying occupational roles. The results add to evidence that social cognition is functionally oriented and that this extends to lower-order social cognitive processes in face perception and recognition.

1:15
Hemispheric Asymmetry in Discriminating Between Faces Across and Within Racial Categories
DEBBIE S. MA, NAVEEN KHETARPAL, JOSHUA CORRELL & MEGAN DAVIS, University of Chicago
debbie.s.ma@gmail.com
The current study examined hemispheric brain asymmetries in social perception. When face pairs were presented to right hemisphere, participants showed greater sensitivity discriminating between same race face pairs than different race face pairs on a same-different judgment task. The reverse was found when face pairs were presented to left hemisphere.

1:30
Facial Perception: The Effect of Race on Object Identification
JESSICA S. CURRY & KEITH T. JONES, Central College
joneskt@central.edu
Participants were primed with Latino, Caucasian, or no faces and then asked to identify crime-relevant or crime-irrelevant objects. Participants in the Latino
prime condition identified the crime-relevant objects faster than the crime-irrelevant objects. Only Latino-prime participants identified crime-relevant objects significantly faster than participants in the control group.

1:45
Anticipated Future Interaction Moderates the Ingroup Recognition Advantage
JOHN PAUL WILSON & KURT HUGENBERG, Miami University; MICHAEL BERNSTEIN, Pennsylvania State University - Abington; CHRIS CHARTIER, Miami University
wilsonjp@muohio.edu
Past research indicates that people exhibit better face recognition for ingroup members than for outgroup members. The current work finds that this ingroup advantage is moderated by the level of anticipated future interaction with group members. We argue that ingroup membership acts as a signal of functional relevance to perceivers.

2:00
Intergroup SimilarityEliminates Own Group Biases in Face Recognition
PIRITA E. SEE & KURT HUGENBERG, Miami University
seepe@muohio.edu
In this experiment, believing that outgroups and ingroups hold similar values eliminated the Own-Group Bias in face recognition. In a minimal-groups paradigm, “mere” ingroup faces were recognized better than “mere” outgroup faces; but when outgroups and ingroups were believed to hold similar values, outgroup face recognition rose to ingroup levels.

2:15
Social Rejection and Face Memory
MICHAEL J. BERNSTEIN, Penn State Abington; STEVEN G. YOUNG, Tufts University; DONALD F. SACCO & KURT HUGENBERG, Miami University
mjb70@psu.edu
People are attuned to social cues following exclusion. Face memory may be such a cue. Individuals rejected by outgroup, but not ingroup members, showed increased face memory for outgroups, eliminating the often shown own-group bias in face memory. Inclusion had no effect on the OGB not did rejection by ingroups.

Legitimizing Ideologies and their Consequences

Thursday, 12:30-2:15
Salon 1
LESLIE ASHBURN-NARDO, Indiana University-Purdue University
Indianapolis, Moderator
12:30 Invited Talk
Evaluating Harm-Doers Based on Their History of Victimization
RUTH H. WARNER, Saint Louis University
rwarner3@slu.edu
Sexual abuse victims often face stigmatization. Responses to victims of sexual abuse vary depending on if a justification for a negative response is present. Harm-doers with a victimization history are more negatively evaluated than harm-doers without a victimization history, but non harm-doers are not evaluated differently based on victimization history.

1:00
Social Dominance or System Justification? A Meta-Theoretical Evaluation of Perspectives
JUSTIN S. CHENG, Loyola University Chicago
jcheng@luc.edu
Though these two explanatory frameworks are poised to account for mutually shared phenomena (the maintenance of intergroup status hierarchies), they harbor theoretically meaningful distinctions concerning the manner in which they each characterize human nature. Implications for understanding the phenomena of interest, as well as meta-theoretical evaluation, are discussed.

1:15
Status, Threat, and Stereotypes: Understanding the Function of Rape Myths
KRISTINE M. CHAPLEAU, Indiana University School of Medicine; DEBRA L. OSWALD, Marquette University
krmchapl@iupui.edu
Abstract: This study examined if rape myths are used strategically to protect a higher-status perpetrator. Results suggest that rape myth acceptance is malleable and that people who were invested in the status quo reported less rape myth acceptance only when the victim decided not to prosecute a higher-status perpetrator.

1:30
Using Dyadic Reports of Sexist Attitudes to Understand Sexual Abuse
KATHERINE M. KLIPFEL & MANFRED H. M. VAN DULMEN, Kent State University
kklipfel@kent.edu
The association between benevolent and hostile sexism (towards males and females) and acceptance of sexual dating violence (towards males and females) was investigated within romantic relationship dyads in a college-aged sample. Results indicated differential results among genders and type of sexism in predicting acceptance of sexual abuse in romantic couples.
1:45
**Opposing the Ground Zero Mosque for a Stronger America**
LILE JIA, SAMUEL C. KARPEN & EDWARD R. HIRT, Indiana University
ljia@indiana.edu
In two studies, we demonstrated that Americans' motivation to regain a higher status for the U.S. interacted with their level of group identification to predict their reactions to the Ground Zero Mosque controversy. Furthermore, the predictive power of the model is over and above that of participants' attitude toward Muslims.

2:00
**The Effect of Black Exemplars After the Election of President Obama**
JILL E. LYBARGER & MARGO J. MONTEITH, Purdue University
jlybarge@psych.purdue.edu
Previous research suggests that priming participants with positive Black exemplars subsequently reduces implicit bias. We investigated the effects of Obama and Oprah as exemplars after the election and found that implicit bias was not reduced. Additionally, we found that symbolic racism scores were higher and belief in bias was lower.

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**Learning & Metacognition**

*Thursday, 12:30-2:30*  
*Mandy Gingerich, Butler University, Moderator*

**12:30 Invited Talk**  
**Retrieval Practice for Durable and Efficient Student Learning: How Much is Enough?**  
KATHERINE A. RAWSON, Kent State University  
krawson1@kent.edu
A wealth of research has shown that more retrieval practice is better for memory, but how much is enough to achieve durable learning as efficiently as possible?

**1:00**  
**Retrieval Practice and Memory: Why Are Higher Criterion Levels Better?**  
KALIF VAUGHN & KATHERINE RAWSON, Kent State University  
kvaughn4@kent.edu
Word pairs were learned via test-restudy practice until correctly recalled 1-5 times (i.e. criterion level). Recall and recognition tests assessed memory for cues, targets, and the associations between cues and targets. Increasing criterion level improved memory for cues, targets, and associations, with all three showing curvilinear increases.
1:15
**Controlling Retrieval During Practice: Implications for Memory-Based Theories of Automaticity**
NICOLAS J. WILKINS & KATHERINE A. RAWSON, Kent State University
nwilkins@kent.edu
According to memory-based theories of automaticity, practice gains reflect a bottom-up shift from algorithmic processing to retrieval, but what are the effects of individuals' goals on this shift? In two experiments, performance goals affected shifting to retrieval. Memory-based theories of automaticity will require revision to account for these effects.

1:30
**An Examination of Developmental Trends and Mechanisms Underlying the Testing Effect**
STACY L. LIPOWSKI, Kent State University; MARY A. PYC, Washington University; JOHN DUNLOSKY & KATHERINE A. RAWSON, Kent State University
spicken@kent.edu
The testing effect has primarily been demonstrated with undergraduates. An experiment was conducted to evaluate the extent to which testing is beneficial for children and to evaluate possible explanations for why testing enhances memory. The testing effect was larger for third- than first-graders and primarily arose from enhanced item-specific processing.

1:45
**Are Self-Regulated Learning Decisions Sensitive to Spacing and Lag Effects?**
MARY A. PYC, Washington University in St Louis; KATHERINE A. RAWSON & JOHN DUNLOSKY, Kent State University
mpyc@artsci.wustl.edu
Research has demonstrated that performance is greater after spaced versus massed practice and after longer versus shorter lags during test-restudy practice. However, are self-regulated learning decisions sensitive to these effects? Students learned items to a criterion of one correct recall and then decided when their next practice trial would occur.

2:00
**Do Learners Adapt Their Control Decisions with Task Experience?**
ROBERT ARIEL & JOHN DUNLOSKY, Kent State University
rariel@kent.edu
Self-regulated study is assumed to be a dynamic process in which feedback obtained during study influences control decisions. We examined the degree to which learners adapt their study decisions based on task feedback across three experiments. We found evidence for strategy shifts and individual differences in strategy adaptation.
2:15
Forget-framing Reduces the Accuracy of Judgments of Learning Across Trials
BENJAMIN D. ENGLAND & MICHAEL J. SERRA, Texas Tech University
benjamin.england@ttu.edu
Learners typically utilize memory for past test (MPT) information as a cue for their judgments of remembering over repeated study-test trials. In the present research, however, we demonstrate that, compared to judgments of remembering, judgments of forgetting show reduced reliance on MPT information and have impaired relative accuracy across trials.

Judgment & Decision Making I

Thursday, 12:30-2:15 Salon 8
MICHAEL J. CORTESE, University of Nebraska-Omaha, Moderator

12:30 Invited Talk
Bayes Factor: A Better Solution for Hypothesis Testing
JEFFREY N. ROUDER, University of Missouri
rouderj@missouri.edu
Sometimes, researchers wish to present evidence for an invariance or an equality of conditions, which is outside null-hypothesis testing. A principled alternative is Bayes factors, which allows the researcher to accumulate evidence for the null. I show how Bayes factor may be computed for common designs.

1:00
Extensions of the Inaction Effect in Counterfactual Thinking
LAURA L. BRUNTON & AMY SUMMERVILLE, Miami University
summera@muohio.edu
Previous work on the inaction effect in counterfactual thinking suggests it will emerge only for one's own actions over time. The current research challenges these assumptions. In Study 1, the inaction effect occurs equally for actors and readers. In Study 2, the inaction effect emerges in a reaction-time measure.

1:15
Decision Domain Moderates the Relationship Between Openness Facets and Counterfactual-Seeking
AMANDA R. TRASK-TOLBERT & AMY SUMMERVILLE, Miami University
summera@muohio.edu
Previous research suggested that Openness to Experience predicts the desire to seek information about foregone alternatives. In this study, we extend these previous findings to examine facets of Openness, and find that decision domain
moderates the effect. The Intellectual Efficiency facet predicts counterfactual-seeking for technical decisions but not pleasurable decisions.

1:30
The Rush of Regret: A Longitudinal Analysis of Naturalistic Regrets
AMY SUMMERVILLE, Miami University
summera@muohio.edu
This research examined immediate naturalistic regrets and their change over time, finding widely different patterns of influence compared to previous findings for retrospective regret. It distinguishes the forces that magnify an initial regret from those that shape its change across time, and highlights the differences between retrospective and immediate regret.

1:45 Invited Talk
How Good was Your Morning?: A Bayesian Account of How Comparison Language Shapes Evaluation Functions
JESSICA M. CHOLPIN, DePaul University
jchoplin@depaul.edu
This talk reviews recent research on how language-based comparisons shape how we evaluate attributes as good or bad, large or small, healthy or unhealthy. Many processes might affect comparison word choice. After the comparison words are chosen, however, assuming they are believed the evaluations are determined by a Bayesian process.

Invited Address
Dishonesty
DAN ARIELY, Duke University
Thursday, 1:30-2:45 Adams Room
ADAM D. GALINSKY, Northwestern University, Moderator

Invited Address
Methamphetamine: Using Data to Temper Hysteria
CARL L. HART, Columbia University and The New York State Psychiatric Institute
Thursday, 3:00-4:30 Adams Room
SUSAN E. SWITHERS, Purdue University, Moderator
Symposium
Diverse Perspectives on the Psychology of Religion, Spirituality, and Supernatural Thinking

Thursday, 3:00-5:00

Wilson Room

ERIC WESSELMANN, Purdue University, Organizer

Conceptualizing, Measuring, and Manipulating Religious Commitment Using Interdependence Theory
ERIC WESSELMANN, Purdue University

God Give Me Self-Control Strength: Unlocking the Mystery Between Religiosity and Self-Control
C. NATHAN DEWALL, University of Kentucky

Understanding the Religiosity-Prejudice Link Through Religious Concept Activation and Cognitively Rigid Ideologies
MEGAN K. JOHNSON, Baylor University

What Makes Supernatural Concepts Memorable?
JAMES S. NAIRNE, Purdue University
APA Academic Career Workshop
Entering the Academic Marketplace:
Advice from Experts

Thursday, 3:00-5:00
Salon 6 & 7

Welcome
WILLIAM E. PATE, II, American Psychological Association, Chair

Panelists:
CAROLYN CUTRONA, Chair, Psychology Dept, Iowa State University
NORA BENJAMIN, Lake County Community College
SARAH GERVAIS, Psychology Dept, University of Nebraska, Lincoln
ERIC JONES, Psychology Department, Southern Illinois University
ROBYN MALLETT, Psychology Department, Loyola University Chicago

What is the “right” academic job, and what does it take to land it? This workshop is designed for aspiring academics who are currently graduate students and postdocs. Five questions and others regarding the professoriate will be discussed. Expert panelists will share their insights, with plenty of opportunity for discussion.

Ideology

Thursday, 3:00-4:30
Indiana Room

BRENT A. MATTINGLY, Ashland University, Moderator

3:00
Moral Conviction, Ideology and Policy Preferences in the Israeli-Palestinian Conflict
MICHAL REIFEN TAGAR, University of Minnesota; G. SCOTT MORGAN & LINDA J. SKITKA, University of Illinois at Chicago; ERAN HALPERIN, Lauder School of Government, IDC Herzliya
reife014@umn.edu

The research presented explored a moderating role for moral conviction in the relation between political ideology and policy preferences for conflict management and resolution in the context of the Israeli-Palestinian conflict. Results suggest that the extent to which political attitudes are morally vested has meaningful behavioral implications in this context.

3:15
Moral Attitudes are Heritable Attitudes
Three studies were conducted testing the hypothesis that people's moral attitudes are heritable. Multilevel models controlling for types of attitude strength demonstrate participant ratings of attitude morality relate to attitude heritability. This suggests the attitudes we experience as moral may be in part heritable.

3:30
Superstitious Beliefs and Embodied Cognition: Why People Knock on Wood
YAN ZHANG, National University of Singapore; JANE RISEN & CHRISTINE HOSEY, University of Chicago
chosey@chicagobooth.edu
People believe negative outcomes are especially likely after they jinx themselves. We find that “pushing” actions eliminate this pessimism. After jinxing themselves, participants who knock down on a table or throw a tennis ball away believe negative outcomes are less likely than participants who knock up or hold a ball.

3:45
Ethical Personality Assessment in Police Recruits, Training Effects
BROOKE GUARDANAPO, JAYNA WARDEN, ELIJAH BLANTON & GEORGE L. PARROTT, California State University, Sacramento
gparrott@csus.edu
Using V 2.0 of the Ethics Inventory, police recruits were assessed before and after their training and a course in ethics; a college sample was also collected for further comparison. Every subscale of the Ethics Inventory had statistically significant group differences and these were discussed.

4:00
Religiosity, God Certainty, and Self-Efficacy in a Cohort of Division I Student Athletes
JESSE SCHRAM, IAN BIRKY, SEPIDEH S. SOHEILIAN & KRISTIN BERTSCH, Lehigh University
itb0@lehigh.edu
One hundred Division I student athletes participated in a study that examined the relationship between religiosity, God certainty beliefs, and self-efficacy. Results suggest that religiosity and God certainty are significantly correlated with one another and with assumptions of self-efficacy related to athletic performance. Sport psychology implications and interventions are suggested.

4:15
Distaste of Disbelief: Disgust Responses to Rejected Religious Beliefs
RYAN S. RITTER & JESSE LEE PRESTON, University of Illinois at Urbana-Champaign
In two Experiments, Christian participants tasted lemonade before and after exposure to a control/religious passage (i.e., Qur'an, Bible, “The God Delusion”). Disgust responses were elicited only following an outgroup passage, and were eliminated through physical cleansing, suggesting that disgust helps to protect culturally valued truths.

**Psychobiology I**

*Thursday, 3:00-4:45*  
Logan Room

**3:00 Invited Talk**  
Recent Advances in Preclinical Research on Immunotherapies for Tobacco Addiction  
MARK G. LESAGE, University of Minnesota  
lesage@umn.edu

Vaccines against nicotine are a form of immunotherapy for tobacco addiction that are currently in clinical trials. This presentation will summarize findings from our preclinical research examining “second-generation” approaches to immunotherapy, which attempt to address some of the limitations of vaccines that have been evident in clinical trials.

**3:30**  
Gestational IV Nicotine Increases Motivation for Sucrose Reward in Rats  
RYAN T. LACY, LAUREN L. HORD, AMANDA J. MORGAN & STEVEN B. HARROD, University of South Carolina  
rtlacy@gmail.com

The effect of gestational IV nicotine exposure (0.05 mg/kg; 3x daily) on motivation for sucrose reward in adult, rat offspring was examined. Results indicated higher responding amongst nicotine animals compared to controls on a progressive-ratio schedule. These findings suggest IV gestational nicotine increased motivation for sucrose reward in adult animals.

**3:45**  
Nicotine Sensitization and its Effects on Dopamine Overflow in a Rodent Model of Schizophrenia  
MARLA K. PERNA, MEREDITH L. SMITH & RUSSELL W. BROWN, East Tennessee State University  
roeding@goldmail.etsu.edu

Adolescent rats were neonatally treated with quinpirole (dopamine D2/D3 agonist) treatment and sensitized to one of three different doses of nicotine (0.3, 0.5, 0.7 mg/kg free base). Dopamine overflow in the nucleus accumbens core
was also analyzed. Neonatal quinpirole treatment enhanced both nicotine sensitization and accumbal dopamine overflow.

4:00
Strain Differences in D-Amphetamine Induced Locomotor Activity and Dopamine Release
ANDREW C. MEYER & MICHAEL T. BARDO, University of Kentucky
acmeye2@uky.edu
Lewis and Fischer rats underwent an 8-day d-amphetamine sensitization procedure, 14-day withdrawal, and in vivo microdialysis. Fischer exhibited greater locomotor activity and dopamine release in the nucleus accumbens core compared to Lewis. Results demonstrate a possible connection in behavioral responses to d-amphetamine and dopamine release in the nucleus accumbens core.

4:15 Invited Talk
Behavioral Pharmacology of Intranasal Cocaine in Humans
WILLIAM WALTON STOOPS, University of Kentucky
william.stoops@uky.edu
Epidemiological data suggest that intranasal use of cocaine is a common route of misuse, although most recent human laboratory research has focused on smoked or injected cocaine. This talk will review recent findings relating to the behavioral and pharmacological factors that contribute to the reinforcing effects of intranasal cocaine.

Gender & Status
Thursday, 3:00-4:30
Salon 12
WIND GOODFRIEND, Buena Vista University, Moderator

3:00 Invited Talk
The Causes and Consequences of Threats to Masculinity
THERESA K. VESCIO, Pennsylvania State University
tkv1@psu.edu
Masculinity valued social identity that is precarious in nature and readily susceptible to threats. In this talk, research will be presented that notes when men respond to masculinity threats with aggression versus benevolent acts and how women may attempt to appease threats to masculinity to avoid aggression.

3:30
The Effect of Threat on Gendered Leadership Preferences: Moderation by Legitimacy Beliefs
ELIZABETH R. BROWN & AMANDA B. DIEKMAN, Miami University
browner2@muohio.edu
Because gender stereotypes align women with change, female candidates might benefit when change is needed to preserve the system. Consistent with this logic, we find that system threats result in relative preferences for female candidates, and that this preference emerges particularly among individuals who strongly endorse system legitimizing ideologies.

3:45
Pursuing Desires, Not Duties: Perceiving Women as Motivated by Ideals
AMANDA M. JOHNSTON & AMANDA B. DIEKMAN, Miami University
johnstam@muohio.edu
We explored the perceived motivations of men and women, with a focus on how women's changing role latitude influences the perceived motivations. Women were perceived as motivated by ideals more so than oughts; this perception was more pronounced for women of the present-day and future than women of the past.

4:00
Sexual Standards, Sociosexuality, and the Double Standard: Consideration of Sex, Time, and Sociodemographic Factors
SUSAN SPRECHER & STAN TREGER, Illinois State University; JOHN SAKALUK, University of Kansas; RODNEY CATE, University of Arizona
sprecher@ilstu.edu
Trends in sexual permissiveness and endorsement of the sexual double standard in college students between 1990 and present were examined. Sexual permissiveness and endorsement of the double standard were affected by time, although the effect of sex was greater. Furthermore, effects of other demographic variables (e.g., race) were explored.

4:15
Egalitarianism Attitudes Among High and Low Status Members
JENNIFER ZIMMERMAN & MARK BRANDT, DePaul University
jzimmer3@depaul.edu
We examined whether the discrepancy between people's perception of current egalitarianism and preference for egalitarianism in the future was larger among lower status than higher status people. Findings suggest that lower status members are dissatisfied with current inequality and ideally want society to be more egalitarian than higher status members.

Relationships: Expectations and Evaluations

Thursday, 3:00-5:00
Salon 1
JUSTIN J. LEHMILLER, Colorado State University, Moderator
3:00 Invited Talk  
Culture, Self, and Relationships  
SUSAN E. CROSS, Iowa State University  
scross@iastate.edu  
Cultural psychologists have identified important differences in self-construal among people from Western and East Asian cultural contexts, but less attention has been paid to variation in processes related to close relationships. This talk will describe research on ways that close relationships are construed differently in these cultural contexts.

3:30  
The Role of Communication in “Friends with Benefits” Relationships  
LAURA E. VANDERDRIFT, Purdue University; JUSTIN J. LEHMILLER, Colorado State University; JANICE R. KELLY, Purdue University  
laura@psych.purdue.edu  
We conducted a study of “friends with benefits” relationships to examine how motivation for entering the relationship was associated with individuals’ communication with their partner and relationship satisfaction. Those who began the relationship for emotional closeness communicated more than those motivated by sex and reported greater satisfaction.

3:45  
Effects of Sex and Sexual Orientation on Definitions of Infidelity  
BRIAN BERCHTOLD & RACHEL MCDOWELL & BRAD J. SAGARIN, Northern Illinois University  
bsagarin@niu.edu  
Across sex and sexual orientation, extra-dyadic physical activities, emotional relationships, and intimacy constituted primary factors in defining infidelity. Findings also suggest that the sex of the partner significantly impacts definitions of infidelity. Lesbians and gay men were more likely to recognize that definitions of infidelity vary from relationship to relationship.

4:00  
Effects of Physical Attractiveness and Risk- Relevant Information on Interpersonal Attraction  
SEAN E. MOORE & DESIRAE M. BOWLBY, University of Alberta-Augustana Campus  
semoore@ualberta.ca  
Participants viewed attractive or unattractive photos then read profiles containing risky or neutral behaviors. Next, they reported their impressions and perceived risk in dating the target. Attractive-risky targets were viewed as less risky and more attractive compared to both neutral and risky unattractive targets. Implications for relationship formation are discussed.
4:15
Stolen Thunder in Dating Relationships
JAMIE G. MCMINN & DEVON M. STRUTHERS, Westminster College
mcminnjg@westminster.edu
Impressions of thunder targets and bearers were examined. Eighty-eight participants read about two dating partners attending a party. Experimental participants read that one partner kissed another partygoer; the partner or a witness revealed the misbehavior to the other partner. Stealing thunder enhanced evaluations of the male—but not female—partner.

4:30
Is High Expected Forgiveness a License to Transgress?
LAURA B. LUCHIES & ELI J. FINKEL, Northwestern University; JODY L. DAVIS, JEFFREY D. GREEN & ANTHONY E. COY, Virginia Commonwealth University
lluchies@northwestern.edu
Two studies indicated that (a) individuals tend to treat high expected forgiveness as a license to transgress against their romantic partner and close friends, but that (b) this effect is attenuated among those who empathize with their potential victims.

4:45
Well-Being in Urban Indian Husbands and Wives
SHAIFALI SANDHYA, The Adler School of Professional Psychology
sandhyaphd@gmail.com
This research examines the happiness of urban Indian couples. Prior research emphasizes that the processes mediating well-being diverge across cultures with personal desires not impacting the happiness of non-Western couples. With globalization, intimacy becomes an important need. Couples' experience and expression of intimacy, affected by social context, predicted enhanced levels of marital well-being.

Implicit Social Categorization

Thursday, 3:00-4:45
Salon 3
ROBERT RYDELL, Indiana University, Moderator

3:00 Invited Talk
Perceiving and Responding to Targets and Perpetrators of Racism
KERRY KAWAKAMI, York University
kawakami@yorku.ca
The present research investigated reactions to prejudice against Blacks by nonBlacks. The results from four studies demonstrated that in general people overestimate the degree to which they will be upset by a racial slur, be
influenced in their perceptions of the target and perpetrator of racism, and reject racists.

3:30
Racial Implicit Ambivalence and Information Processing
INDIA JOHNSON & RICHARD E. PETTY, The Ohio State University;
PABLO BRÍÑOL, Universidad Autónoma de Madrid
johnson.3338@osu.edu
Previous research suggests discrepancies between implicit and explicit attitudes leads to greater information processing of messages relevant to the discrepancy. Examining racial attitudes, we found the greater the discrepancy between participants' implicit and explicit attitudes, the greater the impact of argument quality on attitudes, but only for a Black source.

3:45
Implicit Ambivalence Weakens Attitudes
SAMUEL C. KARPEN, LILE JIA & ROBERT J. RYDELL, Indiana University
ljia@indiana.edu
Most forms of attitudinal conflict presume that the evaluator is aware of the conflict. For example, an explicitly ambivalent evaluator knows that he endorses both the negative and positive attributes of dessert. We find, however, that implicit ambivalence (i.e., the conflict between an implicit and explicit attitude) also weakens attitudes.

4:00
Motivated Independence: Implicit Partisanship Predicts Political Judgments Among Self-Proclaimed Independents
CARLEE BETH HAWKINS & BRIAN A. NOSEK, University of Virginia
cbh2z@virginia.edu
People may identify as politically independent to appear objective, even when they are not. We administered a political party identification IAT to predict implicit and explicit attitudes toward new public policy proposals. Independents' implicit partisanship predicted political judgment, and more strongly for implicit than explicit political judgment.

4:15
On Mental Contamination: The Role of (Mis)attribution in Behavior Priming
CHRIS LOERSCH, University of Missouri; B. KEITH PAYNE, University of North Carolina, Chapel Hill
loerschc@missouri.edu
Investigators examining the influence of mood on judgment have long favored a misattribution based account. Recent behavior priming theories have taken a similar approach, proposing that conceptual misattribution may account for this
class of effects as well. The current research provides the first empirical evidence for such perspectives.

4:30
Stereotype-Consistent Information Directs Categorization of Multiply-Categorizable Targets
MAUREEN A. CRAIG & GALEN V. BODENHAUSEN, Northwestern University
macraig@u.northwestern.edu

In two experiments, participants learned information about the STEM performance of an Asian woman that was either consistent with stereotypes about the target’s race or her gender. Category accessibility was facilitated by stereotype-consistent information, affecting subsequent inferences and setting up a categorical framework that is relatively impervious to modification.

Cognition

Thursday, 3:00-5:00 Salon 5
JOHN DUNLOSKY, Kent State University, Moderator

3:00
Are Unskilled Always Unaware? Contexts Where Poor Performers Are Well-Calibrated
MARISSA K. HARTWIG & JOHN DUNLOSKY, Kent State University
mhartwig@kent.edu

For several cognitive tasks, participants gave item-by-item confidence judgments and global performance estimates. The accuracies of these two judgment types were unrelated. Moreover, both low and high performers showed excellent global accuracy for some tasks. Thus, low performers are not always metacognitively unaware.

3:15
Often Wrong but Never in Doubt: Effects of Category Typicality on False Recognition and Confidence Ratings
K. ANDREW DESOTO & HENRY L. ROEDIGER, III, Washington University in St. Louis
desoto@wustl.edu

Subjects studied categorized lists in which the typicality of targets and lures was manipulated. Hits were not affected by typicality, but lures were -- typical items produced more false alarms and with higher confidence. For hits, subjects were more confident for atypical items. High confidence does not indicate great accuracy.
3:30
The Effects of Intergroup Bias on Memory Contagion
JESSICA J. ANDREWS & DAVID N. RAPP, Northwestern University
andrews.jessicaj@gmail.com
This study investigated whether intergroup bias influences the social contagion of memory. Participants completed a collaborative memory task with a virtual confederate from their in-group or an out-group. Results showed that false memory was more likely to be observed when individuals learned false information from in-group rather than out-group members.

3:45
Measures of Verbal Richness Predict Individual and Collaborative Recall
JAMES H. BODLE, College of Mount St. Joseph
jim_bodle@mail.msj.edu
Eighteen pairs recalled stories together or separately. The present results suggest that collaboration has a complicated influence on the nature of recall. While collaborative pairs seem to say more words, their sentences are shorter, a result that is consistent with strategic interference and collaborative inhibition models of collaborative recall.

4:00
Event Boundaries and Memory for Event Information
ALEXIS N. THOMPSON & G.A. RADVANSKY, University of Notre Dame
athomp11@nd.edu
Previous studies have suggested that a bias towards remembering items that occur at event boundaries. The current study directly explores this idea. Analyses of accuracy and confidence ratings for story information were done as a function of whether items conveyed event boundaries or non-boundary information.

4:15
Mental Rotation and Environmental Structure
ANDREA K. TAMPLIN, SABINE A. KRAWIETZ & GABRIEL A. RADVANSKY, University of Notre Dame
atamplin@nd.edu
How is mental rotation affected by the structure of the environment? The current study compared the influence of either (a) the disruption of affordances by the presence of absence of a wall in front of a person, or (b) the disruption of visuospatial resources from the maintenance of boundary information.

4:30
Embodied Physics Learning
CARLY KONTRA, SIAN L. BEILOCK & NEIL B. ALBERT, University of Chicago
ckontra@uchicago.edu
Kinesthetic experience with concepts in the Physical sciences, such as torque and angular momentum, enhances learning more effectively than observational experience. This work is an important step toward the application of cognitive science to educational practice.

4:45
Coordination Across Domains: The Influence of Motor Coordination on Spatial Perspective-Taking
KATYA LYSANDER & WILLIAM S. HORTON, Northwestern University
kotis@northwestern.edu
Coordination during interaction is often observed on linguistic and non-linguistic levels. Previous research suggests effects of linguistic on physical coordination, and, generally, greater physical coordination on social cooperation. Here, we observe the effect of different degrees of physical coordination on spatial perspective taking, an important component of cooperative behavior.

Judgment & Decision Making II

Thursday, 3:00-5:00
Salon 8

CLAUDIA GONZALEZ-VALLEJO, Ohio University, Moderator

3:00
Ambiguity Aversion in Risk and Delay
BETHANY WEBER, Iowa State University; WAH PHEOW TAN, Temasek Polytechnic
bethany@iastate.edu
In risky choice, ambiguity aversion refers to a preference for options with known probabilities. We investigated whether ambiguity aversion also occurs in intertemporal choice. Subjects displayed ambiguity aversion in both risky and intertemporal versions of the Ellsberg paradox, suggesting that ambiguity aversion is a general phenomenon not restricted to risk.

3:15
Interdependence with Others Influences Willingness to Take Risks: Self-Construals and Risk-Taking
JO SASOTA, The Ohio State University
sasota.1@osu.edu
The degree to which the self was thought to be connected to and interdependent with others was found to influence risk-taking. Specifically, it was found that people who thought about the self as interdependent (vs. the self as independent) took less risks when their choices could negatively impact other people.

3:30
Affect and Goals in Decision Search Behavior
The affect-motivational theory of goal activation is tested in a decision search paradigm. The theory posits that positive affect coactivated with a goal concept activates goal pursuit while negative affect deactivates it. In the current study, a slight modification of the priming procedure resulted in a reversal of these results.

3:45
Influences of Rational and Experiential Processing on the Framing Effect
EMILY STARK, Minnesota State University, Mankato
emily.stark@mnsu.edu
Participants read gain- or loss-framed human life and property scenarios and indicated their relative use of logic or intuition when making decisions. Framing effects were stronger for human life scenarios, and intuition-based processing also played a stronger role in predicting choice for human life scenarios compared to property.

4:00
The Effects of Performance Contingencies on Innovative Behaviors in Performance Settings
MOLLY L. DELANEY & AMANDA M. DURIK, Northern Illinois University
mollydelaney@gmail.com
Innovation is critical for organizations to succeed, however it is also a risky endeavor. This scenario-based study tested whether prospect theory (Kahneman & Tversky, 1979) adequately predicted decisions to innovate. The results support the conceptualization of innovation as risk and provide evidence for its predictability according to prospect theory.

4:15
Measuring Risk and Statistical Literacy: The Berlin Advanced Numeracy Test
EDWARD T. COKELY, Michigan Technological University; MIRTA GALESCIC, Max Planck Institute for Human Development; ERIC SCHULZ, University College London; ROCIO GARCIA-RETAMERO, University of Granada
cokely@mtu.edu
Statistical and risk literacy (i.e., numeracy) are topics of considerable interest to basic and applied researchers. However, most numeracy tests have poor psychometric properties. Here, we introduce an adaptive, brief, free, validated, psychometrically rigorous test (https://sites.google.com/site/advancednumeracytest/) for educated individuals (e.g., college undergraduates) that automatically scores and sends data to researchers.
4:30
**Persistent Bias in Expert Judgments About Free Will and Responsibility**
ADAM FELTZ, Schreiner University; ERIC SCHULZ, University College London; EDWARD T. COKELEY, Michigan Technological University
adfeltz@schreiner.edu
Many philosophers appeal to intuitions to support philosophical views, arguing that skilled philosophers' intuitions should not be biased by irrelevant factors (e.g., personality). Here, we show that verifiable philosophical expertise in the free will debates does not eliminate the influence of personality on fundamental intuitions concerning freedom and moral responsibility.

4:45
**Fluency and Efficacy: Biases in Judgments of Pharmaceutical Effectiveness**
SAIMA GHAZAL, KAYLEE RUSSELL, SAMANTHA SIMON, MARGO WOLLER-CARTER & EDWARD T. COKELEY, Michigan Technological University
ecockely@mtu.edu
Many psychological factors are known to influence health decision making. Here, we investigate the roles of fluency, cue availability, and individual differences (i.e., cognitive control) on judgments about therapeutic drug efficacy. Can simple manipulations of cognitive fluency, such as changes in drug name pronunciation, influence estimates of medicinal benefits?

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**Child Psychopathology**

*Thursday, 3:00-4:30*  
**Salon 10**

CATHERINE M. GAZE, Elmhurst College, Moderator

3:00 **Invited Talk**  
**Challenges and (Potential) Solutions for Analyzing Cross-Informant Data of Adolescent and Young Adult Behavior Problems**  
MANFRED H. M. VAN DULMEN, Kent State University
mvandul@kent.edu
This talk provides an overview of findings from several studies on challenges – and scientifically informed solutions – for analyzing cross-sectional and longitudinal cross-informant (teacher, parent, romantic partner) data on adolescent and young adult behavior problems.

3:30  
**Children’s Emotion Regulation and its Link to Social Anxiety, Generalized Anxiety, and Depressive Symptoms**  
MONICA KARSAI & WESLEY D. ALLAN, Eastern Illinois University
wallan@eiu.edu
Poor emotion regulation has been implicated in numerous studies as leading to behavior problems or internalizing symptoms for young children. This study examined the association of emotion regulation to three different child internalizing outcomes (social anxiety, generalized anxiety, and depressive symptoms) and a behavioral outcome - negative social skills.

3:45

Differences in Communication Patterns of Popular and Non-Aggressive, Rejected Children
KIM CROSBY, University of California Los Angeles; JIM CLOPTON, Texas Tech University; GARY D. FIREMAN, Suffolk University
jim.clopton@ttu.edu
This study examined how non-aggressive, rejected (NAR) children and popular children communicated with each other. When asked to collaborate on a social reasoning task with a popular peer, NAR children displayed a distinct pattern of social goals, self-focused and disruptive communication, and emotional responses to the peer interaction.

4:00

Relational and Overt Aggression in a Camp Setting: Links to Beliefs About Aggression, Emotion Regulation, Loneliness, and Prosocial Behaviors
CHELSEA FUELLING & WESLEY D. ALLAN, Eastern Illinois University
wallan@eiu.edu
Examines relational and overt aggression in a daycamp setting, focusing on children's beliefs about aggression and emotion regulation. Beliefs about the legitimacy of aggression related to relational (r = .27, p < .05) and overt aggression (r = .51, p < .05). Further analyses will other predictors of aggressive behavior.

4:15

Aggression Among ADHD, Anxious, or Comorbid Youth: Exacerbation or Attenuation?
STEPHEN P. BECKER & AARON M. LUEBBE, Miami University; LAURA STOPPELBEIN, University of Mississippi Medical Center
beckersp@muohio.edu
Although ADHD and anxiety are both associated with aggression, few studies examine comorbid youth. We examined ADHD, anxiety, and comorbidity among 99 psychiatrically hospitalized youth. Youth with ADHD, regardless of comorbid anxiety, had higher rates of reactive and relational aggression, whereas youth do not differ on proactive or overt aggression.
Social Psychology Poster Session I

Thursday, 3:00-5:00
Upper Exhibit Hall

JAY JACKSON, Indiana Purdue-University Fort Wayne, Moderator

1 Only Task Motivated Test-takers Appear to Display Stereotype Threat Impacts
LLOYD REN SLOAN & GRADY WILBURN, Howard University;
DEBORAH VAN CAMP, Trinity College; JAMIE BARDEN & KRISTIN JONES, Howard University;
DANIEL MARTIN, California State University Hayward
lsloan@fac.howard.edu

172 African-American HBCU students took (SAT) tests presented as Diagnostic/Nondiagnostic by Black or White experimenters. White tester's produced stereotype threat decrements but Black experimenters didn't. Participants high (but not low) in motivation for accuracy displayed diagnosticity damaged performance decrements with White testers, suggesting performance motivation as a stereotype threat prerequisite.

2 Attentional Control Buffers Against Fear's Impact on Public Speaking Performance
CHRISTOPHER R. JONES & RUSSELL H. FAZIO, Ohio State University
jones.2333@buckeyemail.osu.edu

Participants first completed measures of speech anxiety and attentional control. In a second session, participants prepared and performed a short speech. Fear of public speaking negatively impacted performance only for those low in attentional control. Thus, attentional control may act buffer that facilitates successful self-regulation despite performance anxiety.

3 Stereotypic Perceptions of Asian American Stereotypes
YUEH-TING LEE & SYDNEY CHAN, University of Toledo
yt.lee@utoledo.edu

An on-line survey of stereotypes of Asian Americans was administered to White and other non-Asian participants (N=296). The results showed the complexity and subtleness of stereotypic perceptions of Asian Americans, which is consistent with the EPA model of stereotypes (E=Evaluation, P=Potency, and A=Accuracy). Implications and limitations are also discussed.

4 Racial Stereotypes and Violent Video Games
SARAH J. HUCKABY, SARAH E. WOOD, RICHARD J. TAFALLA, ANDREW T. NORDSTROM, GREG W. BRINGGOLD, KRIS M. HAASCH & ANDREW C. POLLACK, University of Wisconsin - Stout huckabys@my.uwstout.edu

Following up on a previous study, participants were assigned to play a violent video game as an African American Male, Caucasian Male, or Caucasian Female character. Participants playing the game with an African American Male character committed more game violence than those playing with either Caucasian character.

5
Racial Socialization Among Black, White, and Integrated Schools and Neighborhoods
DESIREE WELCH, Eastern Illinois University; MATTHEW TAYLOR & MAURICE ENDSLEY, University of Missouri, St. Louis; NICK BISHOP, University of Tennessee, Knoxville; ASHLEE BECK, Eastern Illinois University
dzwelch@eiu.edu

161 African-American adults completed an online self report. Our findings show individuals in white schools or neighborhoods are not as racially socialized, nor do they psychologically identify with the black culture compared to all/mostly black or integrated schools and neighborhoods.

6
The Impact of Discriminatory Experiences on Majority and Minority Students’ Perceptions of the Campus Climate
DANA E. WAGNER, ROBYN K. MALLETT & JAVIER CERVANTES, Loyola University Chicago; RISE NELSON BURROW, Mercy College; RIMA PATEL, Loyola University Chicago
dwagne2@luc.edu

A campus climate survey revealed that discriminatory experiences mediated the relation between group membership and perceptions of the climate. Minority-group membership was positively related to reported discrimination and negatively related to perceptions of a positive climate. Student suggestions of ways the University can support diversity and inclusion are reported.

7
Don’t Ask, Don’t Tell: Effects of Terminology on Public Opinion
KENDRA WILL, SCARLETT MEYER & JOEL T. NADLER, Southern Illinois University Edwardsville
jnadler@siue.edu

Recent polls have found support for homosexuals serving openly in the military vary dependent on the terminology used to describe sexual orientation. CBS found greater support for gays and lesbians than homosexuals. This study further
examined this effect using qualitative and quantitative data on a series of sexual orientation issues.

8 Gender, Personality, and Sexism: Examining Implicit and Explicit Gender Bias
Kirsten Smith, Scarlett Meyer & Joel T. Nadler, Southern Illinois University Edwardsville
jnadler@siue.edu
Studies of modern and implicit (automatic) sexism suggest that although overt sexism has been disappearing sexism continues. Gender and personality traits “Big 5” were used to predict levels of sexism on three modern sexism explicit measures and an implicit measure of sexism. Gender by personality interactions were found measuring sexism.

9 Social Movement Language: Gay Rights vs. Civil Rights for Gays
O'rshaundra Benson & Midge Wilson, DePaul University
obenson@depaul.edu
How well a social movement succeeds depends in large part on the phrasing of its agenda. This study investigated how language shapes a group's social identity and whether that identity is threatened to the point of protectionary responses when another social group employs the same rhetoric.

10 Feature-Based Stereotypes of African American, Asian American, European American, and Hispanic American Faces: Does Race Matter?
Erin Peterson & Randall Gordon, University of Minnesota Duluth
pete6429@d.umn.edu
African, Asian, European, and Hispanic American faces were rated on the extent to which facial characteristics were perceived as representative of various races (e.g., the extent to which an African-American face had Asian-American features). Relationships between these ratings and perceptions of aggressiveness and intelligence were found regardless of stimulus race.

11 Experience of Privilege and Discrimination via Role-playing: Impact on Affect and Prejudiced Attitudes
Christine H. Jazwinski, Jayne M. Lokken, Rose M. Stark-Rose & Fatemeh Zarghami, St. Cloud State University
chjazwinski@stcloudstate.edu
College students (n = 97) experienced either discriminatory or privileged treatment in an hour long role-playing classroom exercise. Discriminatory treatment (negative performance feedback and discouraging comments) elicited more negative and less positive affect than privilege (positive comments and
Ethnic Differences in Identity Orientation and Commitment to the University
MEERA KOMARRAJU, RANDIE C. CHANCE, COREY G. TINCHER & ASHLEY JORDAN, Southern Illinois University Carbondale
meerak@siu.edu
Participants (N=128) completed measures of academic integration orientations, and degree and university commitment. ANOVA and regression analyses revealed significant ethnic differences; African American students' role orientation predicted university and degree commitment, whereas European American students' rule orientation predicted degree commitment. Findings are discussed in the context of college student retention.

Internal Determinants of Intrinsic Motivation
ALEN AVDIC & MEERA KOMARRAJU, Southern Illinois University Carbondale
alen@siu.edu
Searching for reliable predictors of academic motivation, this study assessed 291 participants on internal motivational determinants including personality traits and attachment styles. Regression analyses revealed openness as most reliable and strongest predictor of intrinsic motivation. Intellectual curiosity and seeking novel experiences appear to fuel an intrinsic desire for attending college.

Threats to Belief in a Just World: Effects of Ingroup Favoritism and Victim Status
LINDSEY M. JOHNSTON & RICKARD A. SEBBY, Southeast Missouri State University
rasebby@semo.edu
The present study manipulating BJW found that a non-student (outgroup) victim was derogated more than a college student (ingroup) victim when participants' BJW were threatened. More subtle social categories (not just differences associated with traditional racial or ethnic prejudice) influence the ways individuals defend or reestablish their BJW.

Influence of Primed Social Roles on Gender Differences in Conformity
CASSIE A. ENO, Waldorf College; ROSANNA E. GUADAGNO & LINDSAY RICE, University of Alabama
cassie.eno@gmail.com
The vast literature on gender differences in conformity reveals a string of inconsistent results. Researchers have postulated that social roles lead women to engage in more conformity than men. This research empirically examined how the saliency of social roles and individual differences in gender roles influenced gender difference in conformity.

16  
**Gender and Communication Modality Effects on Persuasion**  
MELISSA K. GOODWIN, NICOLE L. MUSCANELL & ROSANNA E. GUADAGNO, University of Alabama  
mkgoodwin1@crimson.ua.edu  
Research demonstrates that individuals communicate differently depending on whom they are communicating with, and also depending on the communication mode. The present study replicates previous research on computer-mediated communication and also adds to our understanding of how the gender composition of a dyadic interaction (same-sex vs. mixed-sex) influences persuasion.

17  
**Facebook Jealousy: The Role of Gender, Need-to-Belong & Privacy Settings**  
MALLORY M. DES CHAMPS, NICOLE L. MUSCANELL, SHANNON Q. MURPHY, LINDSAY M. RICE & ROSANNA E. GUADAGNO, University of Alabama  
mmdeschamps@crimson.ua.edu  
Research demonstrates that jealousy is experienced in online social networking sites. The present study suggests that a person's gender and need to belong predict the amount of jealousy they will experience on Facebook. Also, the way Facebook users utilize personal settings within the site may impact their experience of jealousy.

18  
**Gender Self-Esteem and Sexual Prejudice**  
MICHAEL ANN GLOTFELTER & VEANNE N. ANDERSON, Indiana State University  
vanderson1@indstate.edu  
We studied relationships between gender self-esteem and sexual prejudice toward gay men, lesbian women, and transpeople. Overall, men had higher levels of sexual prejudice than women, especially toward gay men and feminine-acting men. Higher levels of gender self-esteem for men but not women predicted higher levels of sexual prejudice.

19  
**Impact of Religiosity on Attitudes toward Female Premarital Sexual Behavior**  
KATHRYN R. KLEMENT, Concordia University Chicago
This study examined the relationship between religious views and attitudes toward female premarital behavior, using Reiss's (1964) Premarital Sexual Permissiveness Scale and Postovoit's (1990) Attitudes Toward Christian Women Scale. A significant negative correlation was discovered, supporting evidence that individuals with conservative religious values are less accepting of female sexual behavior.

Factors that Predict Male Choking Under Pressure on Math Exams
MICHAEL J. TAGLER, Ball State University
mjtagler@bsu.edu
Men took a difficult math examination under either gender relevant or irrelevant conditions. As hypothesized, men low in gender identification but high in private self-consciousness choked (underperformed) under the pressure of a positive stereotype. Contrary to predictions, no stereotype lift effect was detected for high gender identified, low self-conscious men.

Gender, Attachment Style, and Infidelity Distress in a College Sample
RACHEL H. GENTRY & MICHAEL J. TAGLER, Ball State University
rhblalock@bsu.edu
Attachment style was examined as a moderator of gender differences in infidelity distress in a college sample. Consistent with evolutionary theory, males were most distressed by sexual infidelity. The avoidant attachment dimension was negatively associated with overall infidelity distress.

Gender, Attachment Style, and Infidelity Distress in an Adult Sample
MICHAEL J. TAGLER & RACHEL H. GENTRY, Ball State University
rhblalock@bsu.edu
Attachment style was examined as a moderator of gender differences in infidelity distress in a middle-aged adult sample. Contrary to evolutionary theory predictions, men and women did not differ in their relative distress to emotional vs. sexual infidelity. Furthermore, neither the avoidance or anxiety attachment dimensions were significant predictors.

Subgroup Identification in Gay Men Predicts Body Image Disturbance
HEATHER WALDRON & RENEE ENGELN-MADDOX, Northwestern University
rosenthal@northwestern.edu
An investigation of body image in gay males by subgroup (e.g., bear, twink) demonstrated that different self-identified subgroups of gay men appear to be at
differential risk for body image disturbance and eating disordered behavior. Preferences for partners of a certain body type also influenced these variables.

24 Rates of Premenstrual Dysphoric Disorder in Men
BARBARA A. HUNTER & BRENAN PETERS, Southwestern Illinois College
barbara.hunter@swic.edu
Premenstrual Dysphoric Disorder has been criticized for its vague criteria and its tendency to treat a normal bodily function as pathological. We examined the number of men that would meet the criteria for PMDD and found a significant number of men were diagnosable. PMDD symptoms also lessened on weekends.

25 Romantic Dealbreakers: An Assessment of the Bases of Romantic Rejection
BRENNAN PETERS & BARBARA A. HUNTER, Southwestern Illinois College
barbara.hunter@swic.edu
Past research has typically focused on dating preferences. In this study we explored the lines people would not cross when dating. We found a number of demographic and behavioral factors that led people to reject others as potential partners, some surprising. We also examined gender differences in these judgments.

26 Family Functioning and Psychological Adjustment in Children with Inflammatory Bowel Disease
ASHLEY T. ALLIS, AMITHA PRASAD, ANDREW ROSEN & RACHEL N. GREENLEY, Rosalind Franklin University
ashley.allis@my.rfums.org
This study utilized a multi-reporter approach to investigate the relationship between family functioning and psychological adjustment among 55 children with inflammatory bowel disease. Healthier child-reported family functioning predicted fewer total, internalizing, and attention symptoms of youths. Similarly, better maternal-reported family functioning predicted lower maternal reports of youth psychosocial adjustment.

27 Perfectionism and Loneliness as Predictors of Psychological Adjustment in Latinos and Latinas: Evidence for Preliminary Sex Differences
MARISA J. PERERA, NATALIE J. LIN, EDWARD C. CHANG, ABBEY J. HERRINGSHAW & VICTORIA MARCHENKO, University of Michigan; JAMESON K. HIRSCH, East Tennessee State University; ELIZABETH L. JIEGLIC, John Jay College of Criminal Justice
This study examined for gender differences in loneliness and depression in Latinos and Latinas. Consistent with expectations, Latinas had significantly higher levels of both negative affective conditions as compared to Latinos. Additionally, loneliness was a better predictor of depressive symptoms for Latinas whereas it was an equal predictor for Latinos.

28
Test of a Social Cognitive Structural Model of Academic Satisfaction
RONALD C. FELDT, Mount Mercy University
rfeldt@mtmercy.edu
The study examined a social-cognitive structural model to examine two facets of academic satisfaction: personal and institutional. Direct and indirect effects were observed for conscientiousness, perception of support and resources, and academic self-efficacy. Paths differed for personal and institutional satisfaction. Most hypothesized paths were confirmed.

29
The Relative Influence of Planning Types on Team Performance
DAVID M. FISHER & SUZANNE T. BELL & EMILY MACK, DePaul University
dfisher1@depaul.edu
Teams are ubiquitous in both industrial and educational settings. We investigate the relative contributions of two forms of team planning (i.e., taskwork planning, teamwork planning) on team effectiveness. Results suggest that both forms of planning are related to team performance and make equal contributions to variance explained.

30
Performing “In Synch” Makes Us “In Synch”
AKIKO MATSUO, GLENN D. REEDER, BRIANNA WILLIAMS & KATHLEEN LOUIS, Illinois State University
amatsuo@ilstu.edu
The present study examined the effect of engaging in synchronous behavior with another person. Compared to a control condition, participants who shook a maraca simultaneously with another person tended to perceive that person as more similar to themselves.

31
Escaping Fixation: A Comparison of Groups and Individuals
CHRISTINE M. SMITH, OUEN HUNTER & CATHERINE IDEMA, Grand Valley State University
smithc@gvsu.edu
Groups and individuals attempted to solve RAT problems under conditions of experimentally induced fixation. Results suggest that task characteristics may be important in determining how and when groups will escape fixation.

32
Group Creativity: The Constraining Effects of Examples
CATHERINE IDEMA, CHELSEA SAGE, OUEN HUNTER, RYAN NICHOLLS, LINNEA MARKS & CHRISTINE M. SMITH, Grand Valley State University
smithc@gvsu.edu
Groups and individuals created novel creatures to inhabit a new planet. Half of the participants created creatures after viewing three examples that contained common characteristics. Results suggest that groups adhered to the provided examples more, especially early in the idea generation stage.

33
Any Mood is Better Than No Mood At All
NICOLE E. IANNONE & JANICE R. KELLY, Purdue University
niannone@purdue.edu
Positive, negative, or neutral moods were induced in individuals who then worked on a creativity task in three-person groups. Across a variety of group process measures, negative mood groups and positive mood groups had better outcomes than neutral mood groups. We argue that common moods allow groups to synchronize actions.

34
Investigation of the Effects of Team Coaching, Performance Feedback, and Collective Efficacy on Small Group Performance
RACHAEL MARTINEZ & R. SCOTT TINDALE, Loyola University Chicago
rherrmann1@luc.edu
Dyads worked together to diagnose emergency room patients based on case descriptions. Team coaching led to strategy improvement with groups who shared all of the symptoms significantly outperforming groups who shared just a few of the symptoms. Collective efficacy was positively related to group goals, group cohesiveness, and group performance.

35
Cooperation as a Function of Collective Performance and Prosocial Tendencies
JAY W. JACKSON & JENNIFER VANPATTEN, Indiana University Purdue University Fort Wayne
jacksonj@ipfw.edu
Research has shown that collective failure tends to reduce cooperative responses to social dilemmas. Applying a personality x situation model to this issue, we found that prosocial tendencies influenced intragroup cooperation after
collective failure but not after collective success. This effect was mediated by group identity, expectations, and group-focused thoughts.

36
Curse of the Billy Goat: Fan Beliefs in Sports Curses
KATHRYN R. KLEMENT, CARLA ANGELA ANFUSO, CINDY MARTINEZ, ALEEN E. CARR & JEREMY ASHTON HOUSKA, Concordia University - Chicago
jeremy.houska@cuchicago.edu
The Curse of the Billy Goat is an active sports curse believed to explain the shortcomings of the Chicago Cubs. Our data suggest that highly identified sports fans may use their belief in team curses as a buffer against the negative emotions associated with their favorite team's failures and shortcomings.

37
The Effects of “Face Time” at Work on Perceptions of Competence
ELIZABETH L. HAINES, William Patterson University; KATHLEEN FUEGEN & KRISTY SWART-SMITH, Northern Kentucky University
fuegenk1@nku.edu
Number of hours worked affects judgments of competence. In three experiments, we varied worker gender and work hours. Part-time workers were evaluated less competently than full time and over time workers, regardless of gender. Workers assigned to part time were judged more competent than those who elected part time work.

38
Perceptions of Procedural and Interpersonal Justice Using Video Vignettes
KARL N. KELLEY, JESSIKA G. BAJORSKI & JENNIFER N. CIESIULKA, North Central College
knkelley@noctrl.edu
Participants viewed one of eight video vignettes depicting a manager meeting with an employee discussing a violation of company policy. Participants took into account qualities of the employee such as accepting responsibility and formality during the meeting when evaluating the fairness of the manager's decision.

39
Framing Effects on Employment Decisions
BOBBIE DIRR, JENNIFER WILLIAMS, CARL WILKINSON & KATHLEEN FUEGEN, Northern Kentucky University
fuegenk1@nku.edu
We randomly assigned participants to choose job applicants suitable for a position (inclusion mindset) or to choose applicants who could be eliminated from further consideration (exclusion mindset). Results showed that framing the
decision in terms of exclusion resulted in greater gender stereotyping in terms of short listing and hiring decisions.

40 Psychological Climate Inventory: Initial Scale Development
MICHAEL C. HELFORD, Roosevelt University; GINA M. SIEMIENIEC, Northern Illinois University; VICTORIA R. BROWN, Roosevelt University; mhelford@aol.com
Given the inconsistency in measurement of psychological climate, a widely applicable measure of psychological climate addressing a number of dimensions is proposed. Items were developed to measure each climate dimension with three referents, individual, group, and organization. All but one (dimensions) showed internal consistency with $\alpha > 0.70$.

41 Stereotyping in Layperson Criminal Profiling
STEVEN J. HOEKSTRA & JOHN K. BURCHILL, Kansas Wesleyan University
hoekstr@kwu.edu
College students attempted to correctly identify the crimes committed by individuals in a photographic array of 35 actual “most wanted” criminals. Accuracy was low and independent of confidence, but errors tended to occur in a manner to suggest racial, gender, and age-based stereotypes.

42 Factors Influencing Perceptions of Bias-Motivated Crime Based on Sexual Orientation
ADAM AUSTIN, SHEA THOMAS, KARYN PLUMM & CHERYL TERRANCE, University of North Dakota
karyn.plumm@und.edu
Participant's (N=240) beliefs about conviction of the defendant and attributions of blame to the victim in a case involving a bias motivated assault based on sexual orientation were examined. Results indicated participants had differential beliefs about conviction of the defendant and rating of blame for the victim.

43 Perceptions of Stalking among College Undergraduates
SHEA THOMAS & CHERYL TERRANCE & KARYN PLUMM, University of North Dakota
cheryl.terrance2@und.nodak.edu
Undergraduate participants' (N = 126) perceptions of stalking were examined using scenarios that systematically varied level of threat (explicit vs. implicit) and victim response (fear vs. anger). Both variables, including their interaction,
support the importance of these elements in the evaluation of what is considered to be stalking. Implications discussed.

44
Public Responsiveness to Victim’s Recommendations in Their Sentencing Decisions: Role of Victim’s Race, Victim Impact Statement and Judge’s Instructions
MARY E. TALBOT & LORETTA STALANS, Loyola University Chicago
mtalbo1@luc.edu
This study examined victim's race, content of victim impact statements (VIS), and judge's instructions, on sentencing preferences in the sentencing phase of a defendant's trial for burglary and aggravated battery. Results revealed victim's race and judge's instructions didn't impact sentencing. However, type of VIS was found to significantly impact sentencing.

45
European Americans’ Notions of Pseudo Ethnic Identity
NICHOLAS MILLER & CYNTHIA WILLIS ESQUEDA, University of Nebraska-Lincoln
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Many European Americans claim a cultural pseudo identity but exhibit no knowledge about traditions or culture of their country of origin. We found people who are conscious of their identity rate their ethnic origin as important and show preferences for others from that country of origin.

46
Biases Against Mexican Americans Within a Criminal Context
CYNTHIA WILLIS ESQUEDA, KARINA PEDROZA & LESLIE DAVILA MARTINEZ, University of Nebraska-Lincoln
cwillis-esqueda1@unl.edu
A growing body of research indicates biases against Mexican Americans in the legal system. The purpose of this research was to demonstrate culpability biases, based on socio-economic status within a criminal context. Results indicated biases are not confined to defendants, but also extend to attorneys who provide representation.

47
Culpability Attributions for American Indian and European American Domestic Violence Perpetrators and Victims
CYNTHIA WILLIS ESQUEDA, HAZEL DELGADO & LESLIE DAVILA MARTINEZ, University of Nebraska-Lincoln
cwillis-esqueda1@unl.edu
Domestic violence culpability attributions were investigated for American Indians and European Americans who varied in alcohol use and the woman's provocation and retaliation for the incident. Results indicated negative biases
against the American Indian man who had used alcohol and the American Indian woman who retaliates during domestic violence.

48
The Effects of a Contingency Management Program on Transitional Living for Homeless Youth
TERRI J. PELLEY, University of Cincinnati; ANNE L. STEEL & ADAM C. REICHLE, University of Dayton; CINDY MINTON, Daybreak Homeless Shelter & Transitional Living for Youth; RONALD M. KATSUYAMA & ROGER N. REEB, University of Dayton
Terri.Pelley@gmail.com
This study evaluated a contingency management system for homeless youth in transitional living. Relative to the standard treatment group, an enhanced treatment group showed improvements in global functioning, quality of life, and decision making/empowerment. Additional analyses examined the benefits of specific components of the token economy.

49
The Experience of Psychological Sense of Community on Facebook and Twitter
MEGHAN ASTON-LEBOLD & CHRISTOPH LEONHARD, The Chicago School of Professional Psychology
mxa0180@thechicagoschool.edu
The present study investigated Psychological Sense of Community (PSOC) on Facebook and Twitter and found that people experience PSOC similarly online and offline, but experience greater PSOC on Facebook than on Twitter. These findings provide support that PSOC is not declining, but rather where community is forming is changing.

50
Intimate Partner Violence Prevention in the Orthodox Jewish Community: A Program Development and Evaluation
NECHAMA FREEDMAN & CHRIS LEONHARD, The Chicago School of Professional Psychology
chammie.freedman@gmail.com
An intimate partner violence (IPV) prevention program for Orthodox Jewish women (n=29) was developed and administered using a quasi-experimental group comparison design with arbitrary selection of participants. Participation in this program decreased IPV myth acceptance and increased openness to help seeking for IPV related problems.

51
Facebook Use Over the Transition to Parenthood
MITCHELL BARTHOLOMEW, SARAH SCHOPPE-SULLIVAN & CLAIRE KAMP DUSH, The Ohio State University
bartholomew.70@buckeyemail.osu.edu

Given the bliss and strain associated with becoming a parent and the tendency for active Facebook users to share life experiences with others, the current study examined how new parents utilize Facebook over the transition to parenthood. Data were derived from a longitudinal study of 182 couples' adjustment to parenthood.

52
Effect of Profile Picture and Gender of Friends on Perceptions of Relationship Stability of Facebook Users
ERIN GUNN & TARA J. SCHMIDT, Carroll University
tjschmid@carrollu.edu
Sixty students viewed a Facebook profile in which the picture and friends' comments were manipulated. People thought his relationship with his girlfriend was more stable if the girlfriend was in the picture and comments were from men, or the girlfriend was not in the picture and comments were from women.

53
Online Dating: Determining the Presence of a Stigma
TRANG T. DOAN & STEVEN A. MEYERS, Roosevelt University
smeyers@roosevelt.edu
This study sought to discover if a stigma toward online dating existed and whether it had been internalized using self-administered surveys. Participants endorsed greater overall bias toward online daters. Participants who had dated online endorsed less of a stigma than participants who had never dated online.

54
The Relationship Between Personality, Situational Factors, and Self-Protection as it Applies to Internet Dating
BILLIE CALI, JILL COLEMAN, CATHERINE CAMPBELL & AMY KINGAN, Roosevelt University
bcali@mail.roosevelt.edu
The goal of the present study was to examine how individuals' personalities influence their self-protection behaviors in different dating situations. Female participants from a Midwestern university (N = 119) participated in an online survey. Extraversion and Openness were positively correlated with reported self-protection intent for both traditional and internet dates.

55
An Investigation of the Relationship Between Mate Selection and Cultural Values
HOLMES FINCH, JOCELYN HOLDEN & CHINMAY ARADHYE, Ball State University
smkoloi@bsu.edu
This study used latent class analysis to investigate the relationship between desired qualities in a mate and an individual’s cultural values. Results showed that those focused on a mate’s character pursued meaning in life while those focused on external qualities of a mate focused on extrinsic aspects of life.

56
The Effects of Death Salience and Sociosexual Orientation on Commitment
KATHERYN L. BLANKMEYER, MOLLY VANDEURSEN, JANA HACKATHORN & EDDIE M. CLARK, Saint Louis University
kblankme@slu.edu
Relationship variables (i.e., commitment, similarity, attraction, and sociosexual orientation) were assessed following a death salience prime. Death salience by itself did not significantly predict commitment, but those with unrestricted SO were less committed to their partners following a death prime. Additionally, similarity and attraction were predictive of commitment.

57
Sibling Relationships and Relation Between Romantic Expectations and Interparental Conflict
RYAN T. SINCLAIR, Wichita State University; CAROLYN ROECKER PHELPS, University of Dayton
rtsinclair@wichita.edu
The current study examined effects of sibling relationship quality on romantic relationship expectations. Desirable sibling qualities shared a positive relation with romantic expectations for cross-gender sibships. Same-gender sibships demonstrated a negative relation between undesirable qualities and romantic expectations. Findings suggest differing impacts of cross- and same-gender sibships on romantic expectations.

58
Is Gossip Power?: The Inverse Relationships between Gossip, Power & Likability
SALLY FARLEY, University of Baltimore
sfarley@ubalt.edu
Individuals rated their perceptions of a target individual who varied in gossip frequency and gossip valence. Frequent gossipers were perceived as less powerful and likable than “rare” gossipers, and negative gossipers were perceived as less powerful and likable than positive gossipers. Results are discussed in relation to the TAR effect.

59
Let’s Talk: Female-Female and Male-Female Dyad Disclosure Differences
STANISLAV TREGER, STACEY MCCLELLAN, SUSAN SPRECHER, JOSHUA D. WONDRA, JACQUELINE GRAY & KEVIN WALLAPE, Illinois State University
The current study examined self-disclosure and partner perception differences between female-female and male-female dyads. Female-female dyads reported more liking, similarity, and closeness to one another versus male-female dyads. Differences in level of disclosure given or received were also found between dyads.

60  
**Perceived Friendship Support Mediates Relationship Between Self-Esteem and Depression**  
CATHERINE LEE, DANIEL A. DICKSON, COLLEEN S. CONLEY, LARISSA RYMKO & OLGA KONYAKOVA, Loyola University Chicago  
clee5@luc.edu  
Previous research has found self-esteem and perceived social support to individually buffer against depression. This longitudinal study investigates the relative influences of perceived friendship support and self-esteem on lowering depression. Preliminary results in a sample of first-year college students suggest that perceived friendship support mediates interactions between self-esteem and depression.

61  
**Who Is a Friend? Associations Between Friendship Classification and Socioemotional Adjustment**  
CAROL CECILIA GOMEZ, JESÚS F. JIMENEZ & RACHAEL D. REAVIS, Earlham College  
reavira@earlham.edu  
Differences in aggression, depression, and loneliness between 5th grade children with and without friends depended on friendship classification. Using a conservative definition, friended children had better adjustment. Using a liberal definition, there were no differences. Although aggressive/internalizing children may struggle to establish close friendships, they can establish friendships.

62  
**Self-Esteem and Similarity Between Self and Close Other Complexity**  
AMY M. GARCZYNSKI & CHRISTINA M. BROWN, Saint Louis University  
amygarczynski@gmail.com  
In this study we examined whether self-esteem predicts reports of a similar self and close-other concept structure. Regressions indicated that implicit self-esteem (but not explicit self-esteem) predicts similarity between the self and closest-other complexity. This indicates that implicit self-evaluations may change how one perceives their similarity to a close other.

63  
**Sociometer Theory and Self-Presentation: Modesty Among Those High in Perceived-Esteem**
ADAM SONTAG, CARSON CORNELIUS & ANTHONY HERMANN, Bradley University
amsongad@bradley.edu
Participants made self-ratings either in private or public (be read by an upcoming partner). Analyses indicated those high in perceived esteem presented modestly in public on desirable traits, but no similar self-esteem interaction. All presented less negatively on undesirable traits in public. Implications for Sociometer theory are discussed.

64
The Buzz on Green Behavior: Beekeeper’s Environmental Attitudes, Behaviors, and Characteristics
WENDY SCHWEIGERT, LARRY KRENDEL, HAYLEY BRAATZ, ANNE CONWAY, CANDICE HOLT, REBECCA VALLADARES & RABIA ZAHID, Bradley University
wendy@bumail.bradley.edu
An international, Internet survey of beekeepers measured beekeeping characteristics, demographics, social, political, religious factors and personality variables. The results from 1332 respondents indicated numerous differences among beekeeper types as well as differing predictors of environmental attitudes and environmental behaviors.

65
Perceptions of Scientific Controversy About Environmental Risks
KATHERINE KORTENKAMP, MICHELLE EDDY & MOLLY KOBY, University of Wisconsin-La Crosse
cortenka.kath@uwlax.edu
This study examined the effects of media depictions of scientific controversy on media consumers' perceptions of environmental risks. Participants read newspaper articles that contained either one scientific viewpoint, two balanced viewpoints, or two unbalanced viewpoints. Results suggest that balanced and unbalanced reporting have similar effects on public perceptions of science.

66
Determinants of Risky Behaviors among Adolescents and Young Adults
LUKE C. EWALD & CLIFFORD E. BROWN, Wittenberg University
cbrown@wittenberg.edu
The present study analyzed factors associated with risky behaviors. Sensation seeking was associated with substance use and predicted risk for the whole sample and for males specifically. For females, low positive affect, somatization, and anxiety predicted risk, indicating sex differences regarding which factors influence risky behaviors.
Two Sevens: A Win?
GRACE B. DYRUD & EMILY VOELKNER, Augsburg College
dyrud@dyrud.org
After a simulated near wins slot machine experiment, participants selected near win interpretations from the following: near win, near miss, loss, or step toward winning. All were affected by wins, non-gamblers judged near wins closer to a loss. Winning or losing, gamblers believe they are closer to winning.

Influence of Ruminating Thoughts Within Driving Situations
KYLE A. SUHR & SUNDE M. NESBIT, University of Northern Iowa
ksuhr@uni.edu
The purpose of this research was to examine the role of rumination in driving situations; specifically that it would influence emotions and behaviors while driving. Mediation analyses were conducted, partially supporting the hypothesis that the relationship between reported trait driving anger and aggressive driving history was mediated by rumination.

The Effects of a Secondary Task on Situation Model Construction
JOHN F. GEIGER, Cameron University
johng@cameron.edu
Participants read one of two texts while doing a verbal or visuospatial secondary task. When answering questions based on the situation model, participants who read route texts did better on inference questions when they could use their spatial WM; those who read survey texts did better with their verbal WM.

Factors Underlying the Free Will Beliefs of Students at a Religious University
KARL G. D. BAILEY, RUDOLPH N. BAILEY, VIMIE JOY MAGSINO & SETH R. WIEDEMANN, Andrews University
kgbailey@andrews.edu
An exploratory factor analysis of free will beliefs in religious university students identified two robust factors, Freedom from Limitations and Personality Responsibility. These were inconsistent with students' doctrinal beliefs, suggesting that free will beliefs may be driven by group membership, but not by the stated doctrinal beliefs of those groups.

Analysis of Endocrine Responses to Perceived Difference
CAROLE WOOLFORD-HUNT, MARLENE MURRAY-NSEULA & TEVNI GRAJALES, Andrews University
cwh@andrews.edu
The purpose of this study is to investigate the impact of perceived differences on the endocrine responses as measured by cortisol levels. 52 participants purposefully selected according to their ethnic group, were exposed to several different ethnic interactions in order to observe the effect of perceived difference on stress levels.

***SOCIAL HOUR***

*Everyone Welcome*

*Thursday, 5:00-7:00*  
*Empire Room*
Invited Fellows Symposium  
Cognition In and By Groups

Friday, 8:00-10:00  
Salon 6

GAROLD STASSER, Miami University, Moderator

Innovation in Task Groups: Newcomers as Change Agents  
JOHN M. LEVINE, University of Pittsburgh

Optimal Information Distribution in Groups  
R. SCOTT TINDALE, Loyola University Chicago; AMANDA DYKEMA-ENGBLADE, Northeastern Illinois University; RACHAEL MARTINEZ, MARYBETH TALBOT & KATHARINA KLUWE, Loyola University Chicago

Is the Leniency Bias/Asymmetry in Jury Deliberation Real?  
NORBERT L. KERR, Michigan State University; ROBERT J. MACCOUN, University of California at Berkeley

Who is Influential in Group Discussion: Extravert or Expert?  
GAROLD STASSER, MATT GROEBE & SUSANNE ABELE, Miami University
APA Career Data Workshop
Salaries, Student Debt, and Employment Opportunities in Psychology: What Students Need to Know Today About Tomorrow’s Careers

Friday, 8:00-9:30 Salon 12
BRITTANY M. HART & WILLIAM E. PATE, II, Presenters
APA Center for Workforce Studies

This session will explore recent national data on education and employment characteristics of the psychology workforce. In particular, the session will emphasize: demographic shifts in the psychology workforce; levels of education and training debt; and starting salaries. Further analyses of the data by degree type, subfield, and work settings/activities will be offered to illustrate the breadth of emerging opportunities in the psychology workforce.

Society for the Teaching of Psychology Invited Address

MPA thanks the APA Education Directorate for their assistance in supporting this lecture

Seven Practices of Excellent Teachers
WILLIAM BUSKIST, Auburn University

Friday, 8:30-9:30 Crystal Room
MEERA KOMARRAJU, Southern Illinois University Carbondale, Moderator

Clinical Health Psychology

Friday, 8:00-8:45 Marshfield Room
CHRISTOPHER R. AGNEW, Purdue University, Moderator

8:00
Orthostatic Pulse Pressure: A Risk Factor for Mothers’ Hopelessness
NATALIE SCHMITT, FEILU YE, MANALI PATEL, VANESSA CASAVANT & LAWRENCE PERLMUTER, Rosalind Franklin University of Medicine and Science
natalie.schmitt@my.rfums.org
Subclinical orthostatic hypotension is indexed by the difference between standing minus lying blood pressure (BP). Larger positive differences reflect stronger BP regulation and better cardiovascular health; higher levels of
hopefulness. Better orthostatic BP regulation in mothers was associated with higher levels of maternal hopefulness and less depression in their children.

8:15
**HIV Prevention in Africa: Perspectives from Ugandan Secondary School Students**
ALICIA M. HELION, LINDSAY L. ABLER, KELLY L. CONARD, ALYSA A. LUCKOW & DO-KYOUNG WON, Lakeland College
heliona@lakeland.edu
During HIV prevention seminars in Masajja, Uganda, eighty-six secondary school students indicated what they believed young people need to know about HIV to reduce transmission. Examination of the data revealed multiple major themes and provides insight into possible culturally-specific barriers to HIV prevention in Uganda.

8:30
**Similarity in Romantic Partner Cigarette Smoking and Relationship Quality**
PAUL E. ETCHEVERRY, Southern Illinois University Carbondale; CHRISTOPHER R. AGNEW, Purdue University
petch@siu.edu
Similarity on cigarette smoking behavior was used to predict romantic relationship quality. Using data from a longitudinal study, participant's degree of matching on smoking was measured. Participants whose smoking matched their partners had higher future relationship satisfaction and closeness compared to participants whose smoking did not match their partners.

**Cognitive Development**

*Friday, 8:00-9:45*  
DONNA GOETZ, Elmhurst College, Moderator

8:00
**Representational Inertia in Young Children’s Object Label Learning**
WILLIAM MERRIMAN & TRAVIS HARTIN, Kent State University
thartin@kent.edu
Young children's label generalization is affected by “representational inertia.” The more detailed the representation of an object, the less broadly the child will generalize the label to other objects. Experience comparing and contrasting objects is hypothesized to influence how detailed the representation of an individual object becomes.
8:15
Young Children’s Reasoning about Nationality: What Does it Mean to Be “American”?
JASMINE DEJESUS & KATHERINE D. KINZLER, University of Chicago
jmdejesus@uchicago.edu
Previous research suggests that race and social behavior guide reasoning about nationality. Two series of studies provide evidence that 5-6-year-old children (including both monolingual English-speaking White American children, and bilingual Korean-American children) view language as a privileged guide to nationality, even when language was pitted against race and social desirability.

8:30
Symmetry and Spatial Complexity in Children’s Constructions
WILLIAM A. ZINGRONE, Murray State University
wzingrone@murraystate.edu
One hundred thirty-one children and adults constructed with wooden blocks in a controlled free play situation. The predicted developmental sequence of the three types of symmetry- (bilateral, translational and radial) was observed supporting a hypothesis of symmetry type and age effects based on increasing spatial complexity.

8:45
The Effects of Recollection Quality and Aging on Metamemory
JESSICA T. WONG & DAVID A. GALLO, University of Chicago
jtwong@uchicago.edu
We tested whether age impairs metamemory by reducing the ability to recollect and/or monitor high-quality details. Subjects studied pictures and words, then took memory tests with confidence judgments. When equated on recollection accuracy, older adults had worse metamemory than younger adults, owing to deficits in recollecting and/or monitoring fine-grained details.

9:00
Mental Imagery and Illusory Recollection in Younger and Older Adults
SASHA CERVANTES & DAVID GALLO, University of Chicago
cervantes@uchicago.edu
Increased similarity between items from different sources may lead older adults to have greater confusion due to higher match; or less confusion due to diminished sensory details. Our results support the former, suggesting that despite possibly diminished details, aging increases sensitivity to perceptual features when making source memory judgments.

9:15
Autobiographical Reality Monitoring in Aging: Contributions of Recollection and Metacognition
IAN M. MCDONOUGH & DAVID A. GALLO, University of Chicago
imcdono@uchicago.edu

The present study used past and future autobiographical events to investigate how recollection and metacognition deficits may contribute to age-related memory confusions. Older adults showed deficits for recollecting future events and are unable to update their metacognitive expectations to the same extent as young adults.

9:30

“No, I Said...!” How Variable Contexts Impact Speech Perception
CHAD ROGERS, LARRY JACOBY & MITCH SOMMERS, Washington University in Saint Louis  (Sponsor: HENRY ROEDIGER)
crogers@artsci.wustl.edu
“No, I said that I became annoyed during my WALK, not your TALK!”

Sometimes contexts (like a conference) are variable in terms of their validity. We present evidence that age groups differ in their flexibility in coping with these situations, which sometimes leads to falsely hearing unsaid words.

Language I

Friday, 8:00-9:30

DAVID RAPP, Northwestern University, Moderator

8:00

Encoding Seduction: A Process and Product Investigation of the Seductive Details Effect
MICHAEL C. MENSINK, University of Minnesota; DAVID N. RAPP, Northwestern University
mens0058@umn.edu

Across three studies, we investigated how pre-reading instructions influenced comprehension of an informational text containing seductive details. In Experiments 1 and 2 we created a text that elicited the seductive details effect. In Experiment 3 we investigated how pre-reading instructions influenced processes via head-mounted eye-tracker and products via free recall.

8:15

The Utility of Causal Refutations Following Delays in Text Descriptions
JESSE R. SPARKS, LIZZY KOZAK & DAVID N. RAPP, Northwestern University
sparks@u.northwestern.edu

Readers can update their prior understandings when presented with refutations explaining why preceding text is invalid. This study examined how intervening text affects the utility of causal refutations for successful memory updating. Text distance reduced the effectiveness of refutations in an explicit judgment task, but not in an implicit task.
8:30
Effects of Alternating Diagrams on Multimedia Learning
FRANCESCA R. FLORES & MICHAEL J. SERRA, Texas Tech University
michael.serra@ttu.edu
Diagrams typically enhance comprehension for text. The present experiments compared the effects of pairing diagrams with every paragraph versus every-other paragraph of a science text. Across three experiments, comprehension was greater (or, at the least, equal) with fewer, alternating diagrams compared to when every paragraph had a diagram.

8:45
Why Are Picture Superiority Effects Absent in Foreign Language Vocabulary Learning?
SHANA K. CARPENTER & KELLIE OLSON, Iowa State University
shacarp@iastate.edu
Participants learned new vocabulary in Swahili by using as cues either pictures or English translations. Pictures elicited higher confidence ratings than English translations, but did not lead to greater initial recall of Swahili words. With repeated testing, however, overconfidence was reduced and pictures provided more effective cues than English translations.

9:00
Hearing Signs: Activation of Sign Language When Listening to English
ANTHONY SHOOK & VIORICA MARIAN, Northwestern University
a-shook@northwestern.edu
Bimodal ASL-English bilinguals showed evidence of parallel language activation in an eye-tracking study of spoken language comprehension. This finding suggests that language co-activation can occur across modalities, and may be mediated by top-down or lateral connections between levels of processing in the bilingual language system.

9:15
Learning a New Language: Bilingualism Attenuates Native-Language Interference
JAMES BARTOLOTTI & VIORICA MARIAN, Northwestern University
j-bartolotti@u.northwestern.edu
After learning an artificial language designed to elicit cross-linguistic interference, bilinguals demonstrated reduced native-language competition compared to monolinguals during novel language use. Eye-tracking suggests bilinguals resolved competition earlier; mouse-tracking suggests bilinguals facilitated targets to overcome interference. Bilinguals' improved language control may contribute to their advantage for novel language learning.
8:00 Invited Talk
Are Out-Group Men Perceived as Predators to the Human Mind?
CARLOS DAVID NAVARRETE, Michigan State University
cdn@msu.edu
In this talk, I describe evidence consistent with the notion that the psychology of intergroup bias in general—and modern race prejudice in particular—may be generated by a psychological system designed by natural selection to cope with threats from dangerous animal and human predators and to guard against sexual coercion.

8:30
Gender and Authoritarianism: Cross Cultural Predictions from Stigma Compensation Theory
MARK J. BRANDT, DePaul University & New York University-Abu Dhabi;
P.J. HENRY, New York University-Abu Dhabi
mbrandt5@depaul.edu
Authoritarian attitudes can serve a psychologically protective function for stigmatized individuals. Analyzing data from 55 countries, the current study expands past research by focusing on the case of women. Results suggest that women have higher levels of authoritarianism than men, especially in countries with high levels of gender inequality.

8:45
Feelings of Threat Moderate the Effect of Uncertainty on Intolerance
INGRID JOHNSEN HAAS & WILLIAM A. CUNNINGHAM, Ohio State University
haas.271@osu.edu
Past research suggests that both uncertainty and certainty may lead to increased intolerance. We discuss the role of threat, and demonstrate in two experiments that threat moderates the relationship between uncertainty and intolerance. Uncertainty leads to intolerance when threat is present, while certainty leads to intolerance when threat is absent.

9:00
Risking Rejection for Sexual Rewards: Rejection-Sensitivity Predicts Sociosexuality
KATHERINE L. GILMOR, MICHAEL J. BERNSTEIN & JAKE BENFIELD, Penn State Abington; DONALD F. SACCO, Miami University
klc5348@psu.edu
We hypothesized individuals low in rejection sensitivity (RS) should be high in
sociosexuality (SOI). After including Sex, Extraversion, and Agreeableness to predict SOI, adding RS led to a significantly better model. The results are discussed in terms of the, as of yet, unexamined relationship between RS and SOI.

9:15
Context Influences Attentional Adhesion to Biological and Non-biological Threats
STEVEN G. YOUNG, Tufts University; CHRISTINA M. BROWN, Saint Louis University; NALINI AMBADY, Tufts University
steven.young@tufts.edu
The current experiment finds that selective attention is directed toward environmentally relevant threats. For example, snakes hold attention more than guns when participants are primed with nature photos, but guns hold attention more than snakes when participants are primed with urban photos.

Ostracism

Friday, 8:00-9:45 Salon 1
LLOYD R. SLOAN, Howard University, Moderator

8:00 Invited Talk
Social Surrogacy: Eating, Reading, and Watching Your Way to Social Connection
SHIRA GABRIEL, State University of New York Buffalo
sgabriel@buffalo.edu
The Social Surrogacy Hypothesis argues that just as humans are flexible in meeting other needs (e.g. alleviating hunger with pills), there is also flexibility in attainment of social needs. Studies will be presented that examine the efficacy of comfort food, celebrities, and television shows in fostering a sense of belonging.

8:30
Whatcha Talkin’ About? Knowledge Specialization Produces Ostracism
ERIC E. JONES, Southern Illinois University Carbondale; JANICE R. KELLY, Purdue University
ericjones@siu.edu
Although knowledge specialization has benefits for group performance, such specialization may also lead to feelings of exclusion. Compared to group members with shared expertise, group members with a unique expertise reported a variety of deleterious effects, including feeling out of the loop and experiencing reduced fulfillment of needs.
8:45
The Role of Burden and Deviance in Punitive Ostracism
ERIC D. WESSELMANN, Purdue University; JAMES H. WIRTH, University of North Florida; KIPLING D. WILLIAMS, Purdue University
edwesse@psych.purdue.edu
Groups punish deviant members with ostracism. We investigated the role of burden in the deviance-ostracism link, and how burden influences the motives for punitive ostracism. Deviant group members must also be perceived as burdensome before they are ostracized. Participants indicated both rehabilitative and protective motives for using punitive ostracism.

9:00
Increased Rumination and Depression Reduces Recovery from Ostracism
KATHRYN J. POZNANSKI, Purdue University; JAMES H. WIRTH, University of North Florida; KIPLING D. WILLIAMS, Purdue University
kpoznans@aol.com
Depression may result from ostracism; rumination often occurs with depression. We investigated how depression and rumination affect basic needs and mood recovery from an ostracism episode. For ostracized participants high in rumination, high levels of depression lead to slower recovery than low levels. No difference occurred for ostracized, low ruminators.

9:15
Self-Affirmations Prior to Ostracism Produce Contrast Effects for Self-Esteem
CANDICE M. WALLACE, ALISON A. DINGWALL & LLOYD R. SLOAN, Howard University
cmwallace80@gmail.com
Self-affirmation and ostracism were manipulated for HBCU students. Consistent with previous research, the experience of ostracism is strongly threatening to one's social well-being. Additionally, self-affirmation prior to ostracism intensifies self-esteem damage, but prior to inclusion, elevates self-esteem. This self-affirmation “boomerang” effect may result from enhanced contrast of expectation and experience.

9:30
Self Construal Moderates Recovery from Ostracism
DONGNING REN & KIPLING D. WILLIAMS, Purdue University
rendn31@gmail.com
Ostracism has been found to threaten basic human needs. This study proposes to investigate how self-construal moderates the immediate and delayed effects of ostracism. Results show that ostracism negatively affect all participants, regardless of self-construal, immediately after Cyberball-induced ostracism. After a delay, high interdependent self-construal showed faster recovery from ostracism.
Parenting

Friday, 8:00-9:30  Salon 10
SARAH SCHOPPE-SULLIVAN, Ohio State University, Moderator

8:00 Invited Talk
Family Transitions Following the Birth of a Baby Sibling
BRENDA L. VOLLING, University of Michigan
volling@umich.edu
Few studies have examined the transition period surrounding the birth of a second child. The current study examines changes in the older sibling’s adjustment and family relationships in a longitudinal investigation of 240 families making the transition to siblinghood. Implications for families making the transition will be discussed.

8:30
New Parents’ Self-Reported Attachment Style and Time Spent in Caregiving
SARAH N. LANG, SARAH SCHOPPE-SULLIVAN & CLAIRE KAMP DUSH, The Ohio State University
lang.279@osu.edu
We investigated the associations between new parents' self-reported attachment and the amount of time they spent in various caregiving behaviors. We found one parent's anxiety or avoidance was associated with the amount of time the other parent engaged in certain caregiving activities. Findings are discussed from a family systems perspective.

8:45
Effective Parenting Following Childhood Sexual Abuse: Risk and Protective Factors
LARISSA A. SELTMANN & MARGARET O. WRIGHT, Miami University
atkinslh@muohio.edu
This study explored the role of depression (risk factor) and partner support (protective factor) in predicting childhood sexual abuse survivors' self-reports of parenting practices. Depression and support differentially impacted mothers' ability to set limits and satisfaction in their parental role. Support moderated the relationship between depression and promotion of autonomy.

9:00 Invited Talk
Sacred Beginnings: Unpacking the Spiritual Dimension of the Transition to Parenthood
ANNETTE MAHONEY, Bowling Green State University
amahone@bgsu.edu
This paper will present novel findings on the spiritual dimensions of the transition to parenthood based on self-report and observational data gathered
from 164 married couples during their first pregnancy and when their infant was six and twelve months old. Constructs of interest include sanctification, religious/spiritual coping and spiritual intimacy.

**Motivation and Engagement**

*Friday, 8:15-9:45 Madison Room*

ELIZABETH GRAY, North Park University, Moderator

8:15
**The Benefit of Adopting Avoidance Goals in an Academic Context**
CHELSEA M. LOVEJOY & AMANDA M. DURIK, Northern Illinois University
clovejoy@niu.edu
Achievement goal research shows that performance-avoidance goals negatively predict grades. However, avoidance goals in broader contexts show beneficial effects when individuals are in suboptimal situations. This study reconciles the discrepancy, showing that performance-avoidance goals measured late in the semester positively predicted grades, only for individuals who were performing poorly.

8:30
**Engaging Your Students: Increasing Learning Through Active Lecturing**
RACHEL E. TENNIAL, JANA HACKATHORN, ERIN D. SOLOMON, AMY M. GARCZYNISKI & KATHERYN BLANKMEYER, Saint Louis University
tenialr@slu.edu
The current study examined the effectiveness of three teaching techniques (passive lecture, active teaching and active lecture). Results indicated passive lecture was significantly less effective than both active teaching and active lecture. However, active lecture was not different from active teaching. Implications for Bloom's taxonomy levels will be discussed.

8:45
**An Active Learning Demonstration on Divided Attention: A Pilot Study**
KRISTIN C. FLORA & JAMIE L. BROMLEY, Franklin College
kflora@franklincollege.edu
Using an active learning technique, instructors showed students differential recall under conditions of selective or divided attention. Participants (N=56) in the experimental group studied a word list while listening to an iPod; those in the control group studied in silence. Mean recall between groups was significantly different t(54)=2.69, p<.01.

9:00
**Social Integration as a Predictor of Commitment to the University**
MEERA KOMARRAJU, DUSTIN NADLER, COREY G. TINCHER & CODY DOERFLEIN, Southern Illinois University Carbondale
meerak@siu.edu
In most colleges, student persistence is a problem. Our study with 151 college students found that students' degree commitment and their ability to integrate socially within the university were both significant and positive predictors of commitment to the university. These results have implications for university officials in improving student persistence.

9:15
Looking for “GEMS:” What Motivates People to Volunteer as Mentors?
MARK F. STASSON & MARK A. TRACY, Metropolitan State University
mark.stasson@metrostate.edu
Volunteer motivation and the theory of planned behavior were used to investigate intentions to volunteer as a peer mentor in the “GEMS” mentoring program. Results suggest that the planned behavior model predicted intentions well, and that participants were motivated most by values and community concern.

9:30
The Entertainment Dilemma: What Movie Do We Watch Friday Night?
RANDI SHEDLOSKY-SHOEMAKER & ROBERT M. ARKIN, Ohio State University
shedlosky.1@osu.edu
Capping an arduous week, what might influence what entertainment we watch on a Friday night? Two studies examine ego-depletion and need for cognition on selection of and response to films. Together the situation and the individual shape the entertainment experience.

Attitudes

Friday, 8:30-10:00
Salon 3
MICHAEL J. TAGLER, Ball State University, Moderator

8:30
Young Adults and Politics: Resources Utilized, Advertising Susceptibility, and Voting Behavior
JUDITH M. MISALE & SARA B. PERRACHIONE, Truman State University; KRISTEL N. GIVOGUE, University of Kansas
jmisale@truman.edu
For years young adults failed to fully exercise their vote, but more recent evidence suggested a trend reversal. Were young adults more politically interested in 2008? What resources informed them? Did political advertisements
influence them? Did they vote? We investigated each of these issues. Results were mixed and sometimes surprising.

8:45
The Functionality of Weak Attitudes: Belonging Motivation and Attitude Strength
ELIZABETH A. MAJKA & PENNY S. VISSE, University of Chicago
majka@uchicago.edu
Using a nationally representative sample we examined the relation between belonging motivation and a variety of attitude strength indices. As expected, individuals with heightened belonging needs reported more malleable social orientations. They also reported less stable attitudes, indicated weaker attitude attributes (e.g., ambivalence), and were more open to persuasion.

9:00
Attitude Accessibility Increases Use of a Dimension: Do I Value Health or Taste?
ALISON I. YOUNG & RUSSELL H. FAZIO, The Ohio State University
young.1415@osu.edu
Participants who rehearsed their attitudes toward taste words more strongly weighted tastiness than healthiness when judging their likelihood of eating various foods. Participants who rehearsed their attitudes toward weight/fitness words, on the other hand, were more likely to use healthiness in judging their likelihood of eating the foods.

9:15
Valence Weighting Bias as an Initial Default Response
MATTHEW D. ROCKLAGE & RUSSELL H. FAZIO, Ohio State University
rocklage.1@osu.edu
This study explores whether valence weighting biases offer initial default responses. Participants who weighted the negative aspects of stimuli more than the positive showed decreased risk-taking behavior after reading a message about the value of following one's intuition, but the reverse after reading that initial intuitions may often be incorrect.

9:30
Predicting Risk-Taking Propensities from a Valence Weighting Bias
EVAVA S. PIETRI & RUSSELL H. FAZIO, Ohio State University
pietri.1@osu.edu
The relation between a valence weighting bias in attitude generalization and risk-taking tendencies was explored. The more participants weighted resemblance to a negative more heavily than resemblance to a positive when judging novel stimuli, the less risky they were in their judgments, attitudes and behavior.
9:45
In the Mind's Eye: The Visual Imagery Component of Attitudes
JOHN EDWARDS & PATRICK HARRISON, Loyola University Chicago
jedward@luc.edu
Participants' ratings of the positivity of their visual images of 12 objects were substantially related to their overall attitudes toward those objects, but relations varied with the specificity of the objects, (e.g., specific individuals versus general categories of people) and across the cognitive, affective, and behavioral components of their attitudes.

Biopsychology Poster Session

Friday, 8:00-10:00
Upper Exhibit Hall
DAREN KAISER, Indiana University Purdue University Fort Wayne, Moderator

1 Lions, Tigers, and Bare-Naked People, Oh My!
KIRA BAILEY, ROB WEST & KELLIE OLSON, Iowa State University
kmbailey@iastate.edu
Motivated by recent work questioning the universality of the negativity bias, the present study was designed to determine if there are distinct neural correlates of processing sexually arousing and negative stimuli using ERPs. The data support that the negativity bias is in fact a fundamental characteristic of affective information processing.

2 Motivated Abstraction in Anticipation of Self-Control Conflicts
KAREN E. MACGREGOR, KENTARO FUJITA & MELISSA A. KWITOWSKI, The Ohio State University
maccanadian@gmail.com
Previous research has revealed that situationally induced abstract construals aid in self-control (e.g. Fujita et al., 2006). The current studies demonstrate that people can also adopt abstract construals of future conflict situations on their own, and that successful self-controllers are more likely to exhibit this tendency.

3 Academic Goal Orientation and Academic Motivations and Perceptions
STEVEN J. HOEKSTRA, Kansas Wesleyan University
hoekstr@kwu.edu
Undergraduates focused on grades were compared to those emphasizing learning. Although GPAs did not differ, grades were perceived differently, and those with performance goals were less intrinsically motivated and had lower
academic self-efficacy than those who desired mastery. Perceptions of learning as effortful also differed.

4Athletes and Academics: Motivation, Self-Efficacy and Demographics
STEVEN J. HOEKSTRA, Kansas Wesleyan University
hoekstr@kwu.edu
Students from a number of demographic and social categories were compared in their levels of academic motivation, academic self-efficacy, and various perceptions of college pursuits. Although there were not clear differences in motivations, there were differences in self-efficacy and social perceptions to suggest stereotype threat.

5Disease-Avoidance Goals Interfere with the Spontaneous Inference of Traits
RANDY MCCARTHY & JOHN SKOWRONSKI, Northern Illinois University
rmccarthy3@niu.edu
People infer traits to non-randomly select whom to approach and avoid. When infectious disease is salient people want to avoid others and inferences about others would be inhibited. We demonstrated that disease salience decreases the tendency to spontaneously and automatically infer traits from others behaviors relative to a control condition.

6Effects of Cognitive Connectivity and Outcome Value on Illusory Control
PAUL M. BINER, ZACHARY T. HOLTZKNECHT & KELSEY M. STEPHENS, Ball State University
pbiner@bsu.edu
An experiment was conducted in which subjects were given the opportunity to win either 50 cents or $5.00 in a chance-determined card-drawing game. Perceived control increased as a function of the incentive but only when the payout was thought to be immediate. Results are discussed in terms of control motivation.

7Response Inhibition Deficits in Manual and Oculomotor Systems in ASD
LAUREN M. SCHMITT, MATTHEW W. MOSCONI, EDWIN H. COOK, JOHN A. SWEENEY, ANNA-MARIA D’CRUZ & JAMES L. REILLY, University of Illinois at Chicago
lschmitt@psych.uic.edu
Individuals with autism are impaired on oculomotor response inhibition tasks, but studies of manual response inhibition have been inconsistent. In the present study, individuals with autism showed increased rates of oculomotor and manual response inhibition errors, suggesting that the frontostriatal pathways underlying these two inhibitory systems are altered in autism.
Parametric Study of Attention Modulation of Sensory Processing Using fMRI
MATTHEW B. SPRAKER, JOHN A. SWEENEY, SUNIL SHRESTHA & SARAH K. KEEDY, University of Illinois at Chicago
skeedy@uic.edu
The central nervous system must filter irrelevant stimuli. One mechanism may be top-down control exerted in accordance with attentional demand required by a central task. Increased difficulty during a continuous performance task was associated with attenuated activation in motion-sensitive and auditory cortex when irrelevant motion or sound was presented.

Facial Masculinity Effects on Personality Attributions
THOMAS F. SAWYER, MONICA M. BIENIAS & ISABEL DECIAN, North Central College
tfsawyer@noctrl.edu
Participants assessed images digitally manipulated to appear more masculine or feminine along personality dimensions stereotypically considered masculine, feminine, or gender neutral. More masculine images were judged as more aggressive and higher in risk-taking, while more feminine images were considered more empathic and altruistic, as well as happier and more extraverted.

Ambitiousness and Future Status Effects on Judgments of Potential Partners
ISABEL DECIAN & THOMAS F. SAWYER, North Central College
tfsawyer@noctrl.edu
Participants viewed an opposite-sex photo and profile which manipulated future occupational status, and judged target attractiveness, and willingness to date and establish a long-term relationship. Status did not affect attractiveness ratings, but did affect willingness to have a long-term relationship, and interacted with participant gender to alter willingness to date.

Progesterone and the Centrality of Social Bonds in Moral Reasoning
CAROLINE L. THOMAS, LAUREN H. FRISCH & SARA KONRATH, University of Michigan
wdlopez@umich.edu
Previous research finds that progesterone plays a role in human bonding behavior. In this study, we investigate how baseline salivary progesterone levels are related to relationship-specific moral reasoning. Overall, higher progesterone levels are associated with an increased use of bond-centered moral justifications.
12  
**Risk Factors for Tobacco Use Among Pregnant Trauma Survivors**
WILLIAM LOPEZ, HEATHER CAMERON, SARA KONRATH & JULIA SENG, University of Michigan  
wdlopez@umich.edu  
Women with PTSD entering pregnancy are at an increased risk for smoking. The current study finds that using tobacco to cope increases the odds of continuing to smoke while pregnant by 2.3 times. Clinicians working with pregnant women with trauma history should consider trauma-informed interventions.

13  
**URICA and Stage of Change Readiness Scores in Addicted Veterans**
KARL NELSON, Indiana University Northwest  
kagnelso@iun.edu  
Researchers have suggested that motivation to change should predict addictions treatment completion and show inverse relationships with psychological functioning (i.e., patients become more motivated when they “hit bottom.”) This study suggested that none of the Stages of Change measures considered predicted program completion or showed relationships to other health measures.

14  
**Myopic Decision Making and Impaired Inhibitory Control in Heroin Addicts**
JIUQING CHENG & CLAUDIA GONZALEZ VALLEJO, Ohio University  
jc311609@ohio.edu  
Myopic decision making and impaired inhibitory control in heroin addicts were studied in the present study by classical and novel tasks. Results demonstrated that myopia of future outcomes, insensitivity to aversive consequences, and inability to inhibit inappropriate behavior may be important contributors to repeatedly drug abusing and relapsing.

15  
**Mediators of the Association Between College Major and Binge Drinking**
EMILY A. VOELKEL & CATHERINE J. LUTZ-ZOIS, University of Dayton  
catherine.zois@notes.udayton.edu  
This study examined mechanisms for differences found in the literature between Business majors and Arts and Science majors in drinking behaviors. We found preliminary support for the hypothesis that perceived drinking norms for a specific major served as a mediator. Treatment implications will be discussed.

16  
**The Effects of Religiosity and Sensation-Seeking on Substance Use**
SANDRA RENZ & STEPHANIE LITTLE, Wittenberg University  
sandra.k.renz@gmail.com
This study examined the effects of religiosity and sensation-seeking on substance use in college students. Main effects were generally in the hypothesized direction, with sensation-seeking increasing substance use and religiosity decreasing substance use. The interactions of religiosity by sensation-seeking had the strongest impact on drug use in high sensation-seekers.

17
Relationships Between White Matter Volumes and Motor Function Across Lifespan
SARAH COOLEY, University of Missouri - St. Louis (Sponsor: ROBERT H. PAUL)
sac232@umsl.edu
This study examines the relationship between global white matter volumes and performance on motor tasks across the lifespan. Data extracted and analyzed from the Brain Resource International Database showed corresponding significant differences between age groups on both white matter volumes and motor measures, indicating a possible relationship.

18
Open Field Behavior of IAF Hairless and Hartley Guinea Pigs
PRIANCA JOSHI, JACOB S. BREWER, LINDSEY KEENE, ASHLEY D. DOWNS, LEVI ROSENTHAL & GALE A. KLEVEN, Wright State University
gale.kleven@wright.edu
Herd behavior of IAF hairless and Hartley guinea pigs was studied in an open field environment. The high level of within-strain social interaction confirms the two strains are behaviorally similar. Additionally, this type of arena may provide a form of physical exercise and social enrichment for laboratory guinea pigs.

19
Pitx3 Prenatal Deficits are Dopamine-Dependent and Reversed by L-DOPA
HEATHER M. BOOTH & ASHLEY D. DOWNS, Wright State University; APRIL E. RONCA, Wake Forest University; GALE A. KLEVEN, Wright State University
gale.kleven@wright.edu
Prenatal administration of L-DOPA reverses dopamine-dependent behavioral deficits which emerge prior to birth in the Pitx3 mouse model of Parkinson's disease. These results provide valuable information about the relationship between the dopaminergic system and development of fetal behavior prior to birth.

20
Patterns of Longitudinal Behavioral Development after Prenatal Low-Dose Toxin Exposure
This study reveals possible patterns of development implicated in the Fetal Basis of Adult Disease (FeBAD), where prenatal insults lead to silent damage or vulnerability that may not emerge as functional deficit until later in life. Results suggest that early assessment may be most successful in detecting FeBAD insults.

21
Age Differences in Associative Interference in Conditioned Taste-Aversion
CHARLES F. HINDERLITER, University of Pittsburgh at Johnstown; MATTHEW J. ANDERSON, Saint Joseph’s University; JAMES R. MISANIN, Susquehanna University

Using conditioned taste aversion procedures, old-aged rats (668-day-olds) showed a stronger aversion to a nominal CS1 than to a more contiguous interfering CS2, whereas, young adults (59-65-day-olds) responded more similarly to both CS's. Results suggest that stimulus novelty, defined as a form of salience, may override the influence of contiguity.

22
Neonatal Isolation and Methylphenidate Alter Social/Play Interactions in Juvenile Rats
TAYLOR BLAKE & ELLEN PUCE, Denison University; GARY J. KENNEDY, The Ohio State University; SUSAN KENNEDY, Denison University

Brief neonatal social isolation (post-natal days 5-12) resulted in reduced social and play interactions with peers in juvenile rats challenged with methylphenidate at 25, 30 and 40 days of age. These data are consistent with reports indicating lasting effects of early social stressors on subsequent pharmacological and behavioral challenges.

23
Effects of Environmental Enrichment on Ethanol Drinking in a Two-Bottle Choice Procedure
LIBBIE A. HASSELQUIST, EMILY ADAMS, MICHAELA. B. KRAFT & DUSTIN J. STAIRS, Creighton University

The present study determined the effects of enrichment during development on altering oral consumption of ethanol across a number of ethanol doses. Enriched and impoverished rats were allowed to consume various doses of ethanol and or
water. These results indicate that enrichment can alter voluntary consumption of ethanol dose-dependently.

24 Methyphenidate Locomotor Sensitization and Brain Plasticity in Adolescent Rats
ROSS L. ROEDING, LEE RAGSDALE, BENJAMIN A. HUGHES & RUSSELL W. BROWN, East Tennessee State University
roeding@goldmail.etsu.edu
In a dose/response analysis, adolescent females demonstrated a robust increased locomotor response to a high dose of methylphenidate (trade name: Ritalin) compared to adolescent males. In addition, this same high dose of methylphenidate decreased striatal BDNF by 42% in adolescent females compared to controls, which has deleterious implications towards brain plasticity.

25 First Impressions Matter in Morphine-Induced Taste Avoidance Learning
JOE ARTHURS, JIAN-YOU LIN & STEVE REILLY, University of Illinois at Chicago
jarthu2@uic.edu
Morphine can condition avoidance of a taste, but the underlying mechanism remains unknown. We sought to characterize avoidance by varying the taste type, and the relationship between the taste and morphine dose. Avoidance seems independent of variation in drug dose after the first trial, but dependent on initial taste intake.

26 Effects of Bupropion on Spatial Learning and Self-Control in Rats
DANIEL C. LINWICK & THOMAS C. HASSETT, University of Wisconsin-River Falls
daniel.c.linwick@uwrf.edu
The behavioral effects of an antidepressant drug were assessed. Half of the subjects received 30mg/kg of bupropion daily, the other half did not. The effects of sustained administration of bupropion were not uniformly beneficial. Thus, bupropion enhanced spatial learning and memory-- but impaired self-control and engendered higher levels of emotion.

27 Adolescent Nicotine Affects Memory for Stimulus Attributes but Not Extinction
SYDNEY TRASK, PATRICK K. CULLEN, KIM K. GOS, LAURA R. G. PICKENS, STEPHEN B. FOUNTAIN & DAVID C. RICCIO, Kent State University
pcullen@kent.edu
Animals that received adolescent nicotine exposure showed impaired memory for stimulus attributes when trained and tested in adulthood. Specifically, animals that received nicotine exposure showed increased rates of fear generalization between two distinct contexts. However, adolescent nicotine exposure had no effect on the extinction of conditioned fear in adult animals.

28

**Novel Nicotinic Receptor Antagonist Decreases Nicotine- but Not Food-Maintained Responding**

ANDREW C. MEYER, W. TRAVIS MCCUDDY, LUKE E. HOLDERFIELD, THOMAS E. WOOTERS, ZHENFA ZHANG, PETER A. CROOKS, LINDA P. DWOSKIN & MICHAEL T. BARDO, University of Kentucky

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The novel nicotinic receptor antagonist, r-b3,5L/3PiDDB, was tested on intravenous nicotine self-administration and food-maintained responding in rats. r-b3,5L/3PiDDB dose dependently deceased nicotine self-administration while having no significant effect on food-maintained responding. Additionally, tolerance did not develop to the decrease in nicotine self-administration across repeated dosing with r-b3,5L/3PiDDB.

29

**Stimulus Control of Escalated Cocaine Intake and Short Access Sessions**

SHADY EL-MARAGHI & JOSHUA S. BECKMANN, University of Kentucky; CASSANDRA D. GIPSON, Medical University of South Carolina; MICHAEL T. BARDO, University of Kentucky

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Escalated drug intake under extended access conditions is considered a preclinical model of addiction. The present experiments evaluated stimulus control of escalated cocaine intake and the possibility of escalation under short access conditions. The results suggest that escalation is subject to stimulus control and may be a general learning process.

30

**Inhibition of the Locomotor-Activating Properties of Cocaine by TPCNE**

CLARK E. OELRICHS, KUO-HSIEN FAN, DERICK C. DAVIS, ANDREW S. SAGE, JOHN R. LEVER, SUSAN Z. LEVER & DENNIS K. MILLER, University of Missouri

millerden@missouri.edu

Sigma antagonists block cocaine's behavioral effects. TPCNE (1-3 μmol/kg), a sigma receptor antagonist with greater (~730-fold) affinity for the σ1 over the σ2 sigma receptor subtype attenuated cocaine (66 μmol/kg (20 mg/kg))-induced hyperactivity in mice. These findings support sigma receptors for pharmacotherapies against cocaine addiction.
31
The Sigma Receptor Antagonist YZ-185 Alters Cocaine’s Locomotor-Activating Properties
ANDREW S. SAGE, CLARK E. OELRICHS, KUO-HSIEN FAN, DERICK C. DAVIS, SUSAN Z. LEVER, JOHN R. LEVER & DENNIS K. MILLER, University of Missouri
millerden@missouri.edu
Cocaine binds to sigma receptors, and receptor antagonists blocked cocaine's behavioral effects in previous reports. Presently, the sigma receptor antagonist YZ-185 (0.31-31 µmol/kg) attenuated the hyperactivity induced by acute cocaine (66 µmol/kg (20 mg/kg)) injection to mice. Sigma receptor antagonists could be a target for cocaine addiction pharmacotherapies.

32
Recovery from Protein Synthesis Inhibitor-Induced Retrograde Amnesia
ANDREW S. SAGE & RUSSELL E. MORGAN, Western Illinois University
aspx9@mail.mizzou.edu
The protein synthesis inhibitor cycloheximide (CXM) produced retrograde amnesia for passive-avoidance learning when given to rats immediately after training, or one day later if preceded by a reactivation trial. However, re-exposure to CXM before testing reversed the memory impairments, thus providing support for a retrieval-based interpretation of retrograde amnesia.

33
The Neuroprotective Effects of Flupirtine and Beta-Amyloid Induced Memory Impairment
MATTHEW JEFFERSON, Monmouth College; SARA SMELTZER, JEFFREY L. MCMILLIN, CAITLIN C. HENRY, BRITTNEY M. KLAUSER, AUDRA L. ADOLPH, ELIZABETH M. KIEBEL & TRENT M. MARTIN, Western Illinois University
mr-blankenship@wiu.edu
The objective of the current study is to determine the therapeutic efficacy of FLU in attenuating spatial memory deficits after acute infusions of beta-amyloid aggregates in adult Long Evans rats. Results showed fewer errors within the shift phase of RAM learning in rats pretreated with FLU.

34
Deficits in Working Memory Among First-Episode Patients with Psychoses
KYLE FRANKOVICH, JAMES L. REILLY & JOHN A. SWEENEY, University of Illinois at Chicago
kfrankovich@psych.uic.edu
Working memory deficits underlie much of the cognitive impairment in schizophrenia, and implicate dysfunction in prefrontal/parietal cortical networks. Given shared genetic and neurobiological abnormalities common across psychotic disorders, this study investigated the specificity of working memory
impairments to schizophrenia vs. affective psychoses in unmedicated first-episode patients.

35 Detection of Odor-Potentiated Taste Aversion with Trace Conditioning
W. ROBERT BATSELL, JR., LEIGH ANN ULREY & STEVEN ROWE, Kalamazoo College
rbatsell@kzoo.edu
We manipulated aversion conditioning regimen (taste alone vs. odor+taste) and CS-US interval (0, 30, 60, 120, and 240 min) with rat subjects. Subsequent taste testing revealed a significantly weaker taste aversion (overshadowing) at the immediate interval, but a significantly stronger taste aversion (potentiation) at the 60- and 120-min intervals.

36 Rats Tend to Value Reinforcement More Than Information
DAYNA MARCH & DAREN H. KAISER, Indiana University Purdue University Fort Wayne
kaiserd@ipfw.edu
Unlike what had been previously demonstrated with pigeons, rats chose stimuli that did not provide information about whether reinforcement was forthcoming each trial [and associated with a higher (50%) probability of reinforcement] over informative stimuli associated with a lower (20%) probability of reinforcement.

37 Heritability of Brain Structure and Cognitive Abilities in Late Life
NATHANIEL LUCENA, Washington University in St. Louis; MARK A. MINTUN, Avid Radiopharmaceuticals; ALISON M. GOATE & DENISE HEAD, Washington University in St. Louis
nathaniellucena@gmail.com
The current study represents a comprehensive characterization of heritability in a single sample of older adults indicating significant genetic influence that is preserved across a variety of cognitive domains and structural MRI measures of cortical and subcortical regions.

Invited Address
Whistling Vivaldi: How Stereotypes Affect Us and What We Can Do
CLAUDE STEELE, Columbia University
Friday, 9:30-11:00 Adams Room
ALLEN MCCONNELL, Miami University, Moderator
Invited Fellows Symposium
Outcasts Antecedents, Dynamics, and Consequences of Stigma

Friday, 10:00-11:30 Salon 6
JOHN B. PRYOR, Illinois State University, Organizer

A Theory of Stigma
JOHN B. PRYOR, Illinois State University

Stigma and Threat
JAMES J. BLASCOVICH, University of California-Santa Barbara

Consequences of Ostracism
KIPLING D. WILLIAMS, Purdue University

Don’t Call Me Nuts! Erasing the Stigma of Mental Illness
PATRICK W. CORRIGAN, Illinois Institute of Technology

Invited Workshop
Understanding and Treating Narcissism in the Workplace

Friday, 10:00-12:30 Salon 12
ARTHUR FREEMAN, Midwestern University
SUZY FOX, Loyola University Chicago

This workshop focuses on aspects of narcissism that may impact organizational citizenship behavior (OCB) and counterproductive work behavior (CWB). Using Freeman's narcissistic styles, we discuss specific forms of CWB, OCB, and leadership behaviors. Finally, we introduce prescriptive executive coaching of narcissistic organizational leaders to transform dysfunctional aspects of narcissism.
Persuasion

Friday, 10:00-11:30  Salon 3
JASON K. CLARK, University of Iowa, Moderator

10:00
Conspicuous Consumption and Persuasion: Bigger is not Always Better
MIAO HU & DEREK RUCKER, Northwestern University
m-hu@kellogg.northwestern.edu
Two experiments demonstrated that logo size has a counterintuitive effect on persuasion. Although low-status people prefer larger logos themselves, they are more persuaded when a spokesperson wears apparel with a smaller compared to larger logo. This effect is explained by the potential threat accompanying large logos on spokespeople.

10:15
Attitude-Memory Congeniality Effects: Where To Find Them
MEGHAN E. NORRIS & LEANDRE R. FABRIGAR, Queen's University; STEVEN M. SMITH, Saint Mary's University; DUANE T. WEGENER, The Ohio State University
meghan_e_norris@yahoo.ca
Attitude-memory congeniality effects have been elusive in past research. The current research proposes that when individuals are forced to prioritize during information processing, they will process in a goal-consistent manner. Results showed that information processing goals that are best served by attitude-congruency processing strategies consistently result in attitude-memory congeniality effects.

10:30
When Considering-the-Opposite Backfires: Undermining Attitude-Inconsistent Thoughts as a New Means of Polarization
MATTHEW J. VALENTE, University of North Florida; JOSHUA J.
CLARKSON, University of Florida; CHRIS LEONE, University of North
Florida; ZAKARY L. TORMALA, Stanford University
joshua.clarkson@warrington.ufl.edu
Two experiments explored the interplay between structural (consistency) and
metacognitive (confidence) dimensions of thought on self-induced polarization
during reflection. Results suggest that—after reflection—high thought
confidence increases attitude extremity, but only when individuals generate
attitude-consistent thoughts; when individuals generate attitude-inconsistent
thoughts, low thought confidence increases attitude extremity.

10:45
Priming through Embodiment: External Objects Influence Attitude
Extremity and Strength
JENNIFER N. BELDING, The Ohio State University; PABLO BRINOL,
Universidad Autonoma de Madrid; RICHARD E. PETTY, The Ohio State
University
jenniferbelding@gmail.com
We examined how (embodied) external objects affect information processing
and attitude strength. In two studies, participants wore reading glasses or a
control item prior to receiving a persuasive message. Wearing reading glasses
increased information processing in study one and attitude strength holding
extremity constant in study two.

11:00
Self-Monitoring and Persuasion: A Self-Validation Analysis
ABIGAIL T. EVANS & JASON K. CLARK, University of Iowa
abigail-evans@uiowa.edu
Previous research has shown that self-monitoring works in concert with source
characteristics to influence the extent to which people scrutinize information.
The current research suggests that self-monitoring can also determine the extent
to which sources validate message recipients' thoughts in response to an
advocacy.

11:15
Personality Certainty: Improving the Predictive Utility of Personality Scales
BRITTANY SHOOTS-REINHARD & RICHARD PETTY, The Ohio State
University; KEN DEMARREE, Texas Tech University; DEREK RUCKER,
Northwestern University
shootsreinhard@gmail.com
Across two studies and three personality variables (political ideology, need to
evaluate, openness to experience), effects of personality scales on relevant
outcomes became stronger as participants' certainty in their responses to the
scales increased. Therefore, we argue for the use of certainty to increase the
predictive utility of personality scales.
Memory

Friday, 10:00-12:00
Salon 5
DANIEL VANHORN, North Central College, Moderator

10:00 Invited Talk
The Adaptive Role of Inhibition in Human Memory
BENJAMIN C. STORM, University of Illinois at Chicago
bstorm@uic.edu
In this talk I present evidence that retrieval-induced forgetting is the consequence of inhibitory processes that act to resolve competition in memory. These inhibitory processes are argued to resolve competition in whatever form it is encountered, whether it is during episodic retrieval, semantic generation, or creative problem solving.

10:30
Revelation Effects on Recognition of Words and Pseudowords
ROBERT L. GREENE, Case Western Reserve University
rlg2@case.edu
Manipulations of familiarity can influence recognition memory. Pseudowords (pronounceable nonwords) may seem more familiar than words. Familiarity can also be enhanced by effortfully revealing stimuli at test (revelation effect). These two manipulations interact, so that the revelation effect reverses for pseudowords.

10:45
The Enhancing Effect of Emotional Arousal on Later Recall Requires Active Retrieval
BRIDGID FINN & HENRY L. ROEDIGER III, Washington University in St. Louis
bridgid.finn@wustl.edu
When retrieving, information becomes labile (e.g. Dudai, 2006). Can a post-retrieval event modulate later retrieval? After study, on an intervening cued-recall test, a blank screen, a neutral picture, or a negatively-valenced-arousing picture immediately followed retrieval. Active retrieval was necessary to show an enhancing effect of emotional arousal on later recall.

11:00
How Does Test Anxiety Influence Testing Effects?
SCOTT R. HINZE & DAVID N. RAPP, Northwestern University
s-hinze@northwestern.edu
This experiment explores the influence of trait/state anxiety and performance pressure on testing effects. Memory for and inferences based on science texts were assessed after participants practiced by rereading or taking high or
low-stakes recall tests. Performance pressure and self-reported anxiety can potentially mitigate the benefits of retrieval practice.

11:15
Guided Retrieval Practice of Complex Educational Materials Using Computerized Scoring
PHILLIP J. GRIMALDI & JEFFREY D. KARPICKE, Purdue University
pgrimald@purdue.edu
We introduce a computerized scoring program that guides students to practice repeated retrieval of complex educational materials. When used in a retrieval practice paradigm, the program was highly correlated with human scoring and successfully selected when to drop items from practice. Practical applications of the program are discussed.

11:30 Invited Talk
Retrieval Practice and Student Learning
JEFFREY D. KARPICKE, Purdue University
karpicke@purdue.edu
Retrieval is typically thought of as a process that assesses memory, not a process that changes memory. Yet recent research has shown that practicing retrieval produces powerful effects on learning. I will present new research exploring ways to implement retrieval practice as a technique for creating meaningful student learning.

Controlled Attention

Friday, 10:00-12:00
Salon 8
MAYA M. KHANNA, Creighton University, Moderator

10:00
Individual Differences in Frontoparietal Activity Predict High-Stakes Choking
ANDREW MATTARELLA-MICKE, J. JAY TODD & SIAN L. BEILOCK, University of Chicago
mattare2@uchicago.edu
Distraction theories propose that high-stakes choking is caused by a disruption of working memory (WM). Yet, high-stakes performance is not uniformly impaired across individuals. Using fMRI, we show that, in accordance with distraction theories, variation in choking-related performance loss can be predicted by differences in online operation of WM-related regions.

10:15
Qualifying “Knowledge-Is-Power” with Problem-Solving Strategy Driven by Working Memory
SHU-JU YANG & SIAN L. BEILOCK, University of Chicago
sjyang@uchicago.edu
In a physics problem solving task, we showed that the Knowledge-Is-Power Hypothesis (i.e., domain knowledge benefits learning and problem-solving) is qualified by working memory and the strategies available to solve problems. Individual differences in working memory are not only differences in processing capacity but also impact strategy choice during problem-solving.

10:30
What Determines the Capacity of Visual Short-Term Memory?
SHRIRADHA SENGUPTA & PAUL VERHAEGHEN, Georgia Institute of Technology
shriradha@gatech.edu
Twenty undergraduates participated in a visual search and a memory search experiment. We varied numerosity and the number of features per object or their resolution. Our data show that capacity of VSTM is determined by number of features and not by resolution of object representations.

10:45
Firing the Executive: When Less Control is More
DANIEL AIELLO, ANDREW JAROSZ, PATRICK CUSHEN & JENNIFER WILEY, University of Illinois at Chicago
jwiley@uic.edu
It is generally assumed that executive function benefits cognition. However, there may be tasks requiring creativity and implicit processing for which diffuse attentional states are useful. To test this, the current study employed remote associates and artificial grammar paradigms and found a strong correlation between performance on these two tasks.

11:00
Bilinguals Show Less Age-Related Decline in Episodic Memory
SCOTT R. SCHROEDER & VIORICA MARIAN, Northwestern University
schroeder@u.northwestern.edu
In an episodic memory task (free recall of pictures), bilingual older adults (mean=80.7 years) recalled more items than monolinguals. Within the bilingual group, earlier second language acquisition and more years of bilingual experience were associated with better recall. Results suggest that extensive bilingual experience attenuates age-related decline in episodic memory.

11:15
Neural Responses to Sensory Action-Effects: Dissociating Self-Agency from Predictability
JOHN A. DEWEY & THOMAS H. CARR, Michigan State University
deweyjoh@msu.edu
A frontoparietal action-monitoring network is thought to be involved in predicting the sensory consequences of self-generated actions. We aimed to characterize which, if any, areas of this frontoparietal network are specific to self-monitoring, and which are involved in predicting sensory action-effects without regard for source.

11:30
Behavioral Correlates of a Self-Report Measure of Concentration
SABINE A. KRAWIETZ & GABRIEL A. RADVANSKY, University of Notre Dame
krawietz.1@nd.edu
Two measures of concentration were used to assess the effects thereof on mediated priming and global-local item discrimination. Bivariate correlations revealed that people who tend to concentrate more are less able to identify target items in a mediated priming task and respond slower when processing global items.

11:45
Effects of ADHD Symptom Endorsement on Selective Attention in College Students
JAMIE O'MALLY, University of Alabama; LISA HAGER, Spring Hill College; JAMIE DECOSTER, University of Alabama
jamieomally@yahoo.com
This study explored whether examining ADHD on a continuum in the form of symptom endorsement would predict decreased adaptive functioning and attentional performance. No main effects of symptom endorsement were found, however, accuracy on a selective attention task was significantly worse over time for participants who endorsed more ADHD symptoms.

Depression & Anxiety

Friday, 10:00-11:15
Salon 10
HEATHER HATCHETT, Cincinnati State Technical & Community College, Moderator

10:00 Invited Talk
Recurrence of Major Depression: Some Insights and Oversights
SCOTT M. MONROE, University of Notre Dame
smonroe1@nd.edu
Depression has become increasingly viewed as a recurrent and chronic psychiatric condition. However, this emphasis on chronicity is inaccurate and likely misleading. Key problems in theory and research represent barriers to progress in understanding depression over the life course, and in discovering early and robust risk indicators for recurrence.
Irrational Goal Striving: Pursuing Anxiety and Depression
JAMES A. GEDRA, Murray State University
james.gedra@murraystate.edu
The Irrational Goal Striving Scale is a new measure that assesses how individuals with psychological disorders irrationally pursue their goals. Individuals with cognitive anxiety symptoms overvalued the importance of their goals, while those with depression symptoms experienced a lack of overconfidence in achieving their goals.

10:45 Invited Talk
Emotional Mechanisms That May Differentiate Depression and Anxiety
STEWART SHANKMAN, University of Illinois at Chicago
stewarts@uic.edu
Depressive and anxiety disorders co-occur at significantly high rates, and when they do, are particularly harmful and difficult to treat. The two conditions, however, are differentiable. This talk will discuss putative emotional abnormalities/tendencies that may help distinguish them - specifically, a lowered-sensitivity to pleasure and an over-sensitivity to unpredictable threat.

Psychobiology II
Friday, 10:00-11:00
Logan Room
BRUCE A. MATTINGLY, Morehead State University, Moderator

10:00 Invited Talk
The War on Terror: Traumatic Brain Injuries and The Laboratory Rat
MICHAEL R. HOANE, Southern Illinois University Carbondale
mhoane@siu.edu
Current military actions recognize traumatic brain injury (TBI) as the signature injury. This presentation will introduce the field of TBI research. Emphasis will be placed on the development of a novel preclinical treatment and the refinement of traditional models of TBI to include examinations of PTSD and social aggression.

10:30
The Effect of a Selective mGluR7 Antagonist, MMPIP, on CTA
ASHLEY RAMSEY, STEPHANIE FOWLER, PETER SERFOZO, AGNES SIMONYI & TODD R. SCHACHTMAN, University of Missouri
schachtman@missouri.edu
Metabotropic glutamate receptors (mGluRs) have been found to impact learning and memory. Systemic injections of MMPIP, a selective mGluR7 antagonist, attenuated CTA acquisition, but also influenced saccharin consumption during conditioning. The present results show that mGluR7 influences CTA learning.
Interaction of mGlu5 and NMDA Receptors in Inhibitory Avoidance and CTA Learning

STEPHANIE FOWLER, ASHLEY RAMSEY, PETER SERFOZO, AGNES SIMONYI & TODD R. SCHACHTMAN, University of Missouri
schachtmant@missouri.edu

This experiment examined the interaction of metabotropic glutamate receptor 5 and NMDA receptors in the modulating aversive learning. Administering a mGlu5 positive allosteric modulator, CDPPB, 20 min prior to conditioning, attenuated the NMDA receptor antagonist induced memory impairment in inhibitory avoidance and conditioned taste aversion learning.

Group Processes and Dynamics

Friday, 10:00-12:15 Madison Room
CHRISTINE SMITH, Grand Valley State University, Moderator

10:00 Invited Talk
Social Focal Points: Coordination and Social Knowledge
SUSANNE ABELE, Miami University
abeles@muohio.edu
Coordination is an essential part of social functioning. Successful matching and mismatching coordination use different patterns of social knowledge and have different social consequences (social focal point theory). We show that social knowledge about one’s partner as well as preference asymmetries between partners differently affect matching and mismatching coordination performance.

10:30
A Minimal Synchrony Paradigm
HAOTIAN ZHOU, ELIZABETH A. MAJKA & JOHN T. CACIOPPO, University of Chicago
majka@uchicago.edu
A minimal synchrony paradigm was developed to investigate interpersonal synchrony. Evidence for the causal effects of synchrony on social affiliation was obtained. Furthermore, two temporal parameters characterizing synchrony objectively were found to be important determinant of perceived synchrony, which in turn mediated the impact of objective synchrony on social affiliation.

10:45
Comparing the Tacit Coordination of Romantic Couples and Strangers
CHRISTOPHER R. CHARTIER, MATT E. GROEBE & SUSANNE ABELE, Miami University
chartier.cr@gmail.com
We investigated the coordination success of romantic couples compared to strangers in two option games. Surprisingly, couples performed no better than strangers. However, successful matching compared to mismatching led to increased feelings of similarity and interpersonal liking, even among couples. The effectiveness of different types of salience will be discussed.

11:00
Language Style Matching and Engagement in Romantic Relationships
MOLLY E. IRELAND & JAMES W. PENNEBAKER, University of Texas at Austin
meireland@mail.utexas.edu
In three studies, the degree to which potential and current romantic partners matched each other's language styles in conversation and professional work positively predicted relationship quality, mutual romantic interest, and long-term relationship stability. Results suggest that attentional engagement rather than similarity or relationship satisfaction underlies the language coordination-relationship quality link.

11:15
Goal Instructions and Idea Generation in Groups
OLGA GOLDENBERG, University of Illinois at Chicago; JAMES R. LARSON, JR., Loyola University Chicago
ogolde1@uic.edu
This experiment investigated the effects of the goal to be similar and the goal to be different on the quantity and quality of group performance on an idea generation task.

11:30
Social Impact Influences Rated Apprehension in Groups with Live Audiences
PHALLY HOUR & VERLIN B. HINSZ, North Dakota State University
verlin.hinz@ndsu.edu
We tested social impact theory predictions and found that group and audience size influenced rated apprehension but not task performance or self-reported effort. While partially supporting our hypotheses, we found that social impact is moderated by the external-internal nature of responses of real co-actors performing in front of live audiences.

11:45
Updating the Bystander-Effect Literature: The Return of Safety in Numbers
DANIEL R. STALDER, University of Wisconsin-Whitewater
stalderd@uww.edu
This presentation reviews largely unrecognized clarifications and corrections in the bystander-effect literature. This presentation also provides new re-analyses.
In general, under restricted communication among bystanders (including computer-mediated communication) and when bystanders formed an in-group or perceived high danger, “victims” were more likely to receive help the more bystanders there were.

12:00
I Believe You’re Right: The Effects of Confidence on Group Performance Outcomes
RYAN LEACH & JENNIFER WILEY, University of Illinois at Chicago; JAMES R. LARSON, Loyola University
jwiley@uic.edu
This study investigated the effect of group members' confidence in each other's task-related abilities on their repetition of unshared information. We also assessed whether this increased repetition of unshared information had an effect on group decision making. Results indicated that confidence and increased repetition of unshared information improved group decision making.

The Self

Friday, 10:00-11:45

CHRISTINA M. BROWN, Saint Louis University, Moderator

10:00 Invited Talk
The Second Coming of Effect into Cause: The Road from Possible to Core Self-Revision
PATRICK J. CARROLL, Ohio State University-Lima; MICHAEL MCCAUSSLIN, Ohio State University; GREGORY NORMAN, University of Chicago
pcarroll@lima.ohio-state.edu
This work goes beyond the determinants of possible self-revision to examine the ultimate consequences of these possible self-changes for ultimate changes in core selves. This work also unpacks the pathways that translate (In) stability in possible selves into patterns of growth or decay in core selves over the lifespan.

10:30
Contrasting Role Entries' and Exits' Impacts on Self-Concept Clarity
ALYSSON E. LIGHT & PENNY S. VISser, University of Chicago
ael@uchicago.edu
We explored the differential effects of role entries and exits on self-concept clarity. While role exits were associated with lower self-concept clarity, entries did not appear to have such consequences. Mediational analyses suggest that role exits reduce self-concept clarity through the loss of stable behavioral routines and role-relevant social relationships.
10:45
Exploring the Superficial Sense of Self-Concept Clarity
JEAN GUERRETTAZ HANCOCK & ROBERT M. ARKIN, Ohio State University
jghancoc@gmail.com
Only high self-concept clarity individuals experienced a loss in self-esteem when challenged to defend important self-attributes. Replicating the ease of retrieval effect, these losses were provoked by feelings of difficulty producing supporting evidence for one's self-attributes. Unclear individuals were unaffected, seemingly because their sense of self is chronically unsettled.

11:00
Reversed Mnemonic Neglect for Individuals Under Cognitive Load
BRETT M. WELLS & JOHN J. SKOWRONSKI, Northern Illinois University; JAMES A. CLINTON, Illinois State University
jaclint@ilstu.edu
Individuals demonstrate difficulties recalling information that is threatening to the self - an effect known as mnemonic neglect. Subjects under cognitive load, however, showed a reversal of this effect - recalling more negative, as compared to positive, central behaviors. This finding suggests that positive central behaviors about the self are processed deeply.

11:15
Bicultural Identity and Health Behaviors: Effects of Identity Integration and Cultural Congruence
PRIYA KAMAT & WENDI L. GARDNER, Northwestern University
priyakamat2014@u.northwestern.edu
Asian American participants read a health message regarding a behavior that is either stigmatized by Asian culture or not stigmatized by Asian or American cultures. Results indicate that message effectiveness depends on the experience of cultural identities, as integrated or distinct, and perceptions of each in-group's view toward the behavior.

11:30
Formality Level of Japanese Apologies: Does it Matter?
HEATHER COON & FUKUMI MATSUBARA, North Central College
hmcoon@noctrl.edu
Japanese undergraduates and working adults read a vignette in which a transgressor (ethnicity unmentioned or foreigner) apologized (using formal Japanese, casual Japanese, or in-between) after spilling coffee on them. We measured their reactions to the incident. Working adults were more sensitive to the formality level of the apology than undergraduates.
Clinical Poster Session

Friday, 10:00-12:30
Upper Exhibit Hall
GARY L. CANIVEZ, Eastern Illinois University, Moderator

1 Ethnic Differences in Sexual Behaviors and Condom Use
ANGLIQUE L. LAMB, DANA F. LINDEMANN, SARA A. SMELTZER & AUDRA L. ADOLPH, Western Illinois University
df-lindemann@wiu.edu
This study assesses factors associated with risky sexual behaviors in a college population. Participants completed self-report measures related to condom use and sexual behavior and performed condom demonstration tasks. The results provide a better understanding of ethnicities as it applies to patterns of sexually related behaviors and assist intervention researchers.

2 DTI and Cognition Among Individuals at Risk for Sleep Apnea
BRITTANY NELSON & ROBERT PAUL, University of Missouri-St. Louis
bmn352@umsl.edu
Obstructive sleep apnea is a disorder in which people quit breathing during sleep due to airway restriction, causing damage to brain structures and impairments on tests of neuropsychological function. The present study examined the microstructural integrity of white matter and cognitive indices among older individuals with subclinical sleep apnea.

3 A Program Intervention of Hydration in Older Adults: An Approach Based on the Theory of Planned Behavior
KERRY S. KLEYMAN, MELISSA HEINZ, THERESA SKAAR, PATRICIA GREENE & TARA MCCOY, Metropolitan State University
kerry.kleyman@metrostate.edu
In 2007, almost 40 million ER visits by older adults were due to dehydration. The current study proposes a program intervention to investigate nutrition behavior in older adults. Participants were asked to record in a food diary pre- and post-intervention. Results suggest that larger interventions may make a noticeable difference.

4 Using Social Prototypes to Encourage Hand Washing
DAVID J. LANE & JENNIFER N. FORD, Western Illinois University
dj-lane@wiu.edu
Participants were asked to think about the typical non-handwasher as either disgusting or unhealthy (or thought about an unrelated topic in the control condition). Women in the disgust condition reported more willingness than men
to wash their hands, an effect that was mediated by perceived favorability of the prototypical non-handwasher.

5 Big 5 Personality and Gender Differences in Sleep Quality
MICHAEL J. TAGLER & CHRISTOPHER L. THOMAS, Ball State University
mjtagler@bsu.edu
Gender differences in the prediction of sleep quality from big five personality traits were examined. Extraversion and Agreeableness significantly predicted daytime dysfunction due to sleepiness for both men and women. Conscientiousness and Neuroticism were the best predictors of overall sleep quality, but these correlations were significantly larger for men.

6 Diagnosis, Defenses, Symptoms and Maltreatment Among Therapy Outpatients
CAROL L. FEISS, JERRY F. WESTERMeyer & VICTORIA PRIOLA-SUROWIEC, Adler School of Professional Psychology
jfw@adler.edu
Diagnosis, defenses, and symptoms were explored among adult outpatients reporting (n=73) or not reporting (n=75) childhood maltreatment. Maltreatment was associated with the more symptomatic mood and anxiety disorders, suicide attempts and specific mature and immature coping defenses. Most (83%) maltreated clients cited childhood abuse as a reason for entering therapy.

7 Measuring Correlates of Perceived Social Support in a Clinical Sample
LAURA LILJEQUIST & CASEY MITCHELL, Murray State University
laura.liljequist@murraystate.edu
In a clinical sample of 95 adult outpatients, stepwise regression revealed that global psychological distress accounted for the greatest proportion of unique variance in perceived social support, followed by relationships with sibling(s) and relationship with mother. Combined, these variables accounted for 43% of the variance in perceived social support.

8 Hand-Scoring Error Rate on the Personality Assessment Inventory
LAURA LILJEQUIST & ELISE WIGGINTON, Murray State University
laura.liljequist@murraystate.edu
Hand-scoring errors on 235 Personality Assessment Inventory (PAI) protocols were examined using computer rescoring. Nearly 92% of the protocols contained one or more errors. Approximately 23% contained an error resulting in either a false positive or a false negative at one of the two cutoffs (70T or skyline).
Diet Types and Relationship to Preferred Treatment for Psychological Disorders
JOLAN DAWSON, LAURA PAWLOW, DANICE BROWN & ANDY POMERANTZ, Southern Illinois University Edwardsville
lpawlow@siue.edu
This study aimed to determine if alternative eaters differ in terms of preference for medication versus psychotherapy. Organic eaters were significantly less open to taking psychotropic medication. Mental health providers should be aware that those who trend toward eating organically may be resistant to using medications to treat psychological disorders.

Impact of Weight-Loss Provider Weight on Perceived Professional Effectiveness
LAURA ANNE PAWLOW, Southern Illinois University Edwardsville
lpawlow@siue.edu
This study aimed to examine the influence of weight-loss provider weight and weight history on perceived effectiveness in an overweight sample. Participants rated thin female psychologists and physical therapists as more effective than their overweight counterparts; however, male psychologists and female dietitians were rated more effective if they were overweight.

The Role of Self-Stigma in Engendering Treatment Outcomes
MEGHAN KEAN & CHRISTOPH LEONHARD, The Chicago School of Professional Psychology
mek8067@thechicagoschool.edu
Self-stigma has been shown to have negative effects on self-esteem, self-efficacy, and causes decreased morale and withdrawal from others. The present study is an evaluation of two different treatment programs for adults with mental illness to investigate how self-stigma potentially mediates treatment outcomes, including symptom severity and independent functioning.

The Therapeutic Alliance from the Client’s Perspective: A Qualitative Approach
ANDREW MCCLINTOCK, PETER MACFARLANE & TIMOTHY ANDERSON, Ohio University
mcclinas@muohio.edu
Despite being a consistent predictor of therapy outcome, disagreement remains about what the therapeutic alliance is. One approach to better understand the alliance is to explore the client's perspective of the alliance. Another focus of this project is on the utility of employing a qualitative methodology when investigating therapy process.
Diagnosis of Depersonalization Disorder
MARGARET DEHOFF, Chillicothe VAMC; JUNE SPROCK, Indiana State University
jsprock@indstate.edu
This study examined whether clinicians under-diagnose Depersonalization Disorder (DPD) when presented with representative cases. Overall, the study provided support for the under-diagnosis of DPD. DPD and depersonalization symptoms proposed by researchers had better predictive value for DPD representativeness ratings than the current DSM-IV criteria. Methodological limitations and implications are discussed.

Epidemiological Associations Between PTSD and Detention
RAEANN ANDERSON, University of Wisconsin-Milwaukee  (Sponsor: DIANE M. REDDY)
der569@uwm.edu
Spending time in detention and experiencing PTSD are both serious and often debilitating conditions. Though these experiences share many risk factors, the exact nature of these relationships is unclear. This project seeks to examine how the experience of detention and PTSD may be related using secondary data analysis.

Complex Trauma: Is There an Empirical Basis?
TIM J. GEIER & RAEANN ANDERSON, University of Wisconsin-Milwaukee  (Sponsor: DIANE M. REDDY)
der569@uwm.edu
Traumatic events are prevalent in today's world. These experiences can result in physiological and psychological consequences. Distinct types of trauma have been proposed: Type I, Type II, and Type III. There is, however, little systematic empirical evidence supporting these distinctions. This study will examine the empirical validity of these distinctions.

Emotional Control: A Moderator of the Harmfulness of Worry
DANIEL CONYBEARE, University of Illinois at Chicago
dconyb2@uic.edu
The current study examined whether emotional control (EC) moderates the relationship between worry and GAD symptoms. The relationship between worry and GAD symptoms was stronger among participants low in EC compared to participants high in EC. These findings suggest that worry is particularly harmful among individuals who experience emotion dysregulation.
17
**Comparion of Premorbid Functioning in Patients with First-Episode Schizophrenia and Affective Psychoses**
NOAH YULISH, CHERISE ROSEN, ROBERT MARVIN, HUGO SOLARI, PETER WEIDEN, JAMES REILLY & JOHN SWEENEY, University of Illinois at Chicago
nyulish@psych.uic.edu
This study evaluated the premorbid functioning among first episode patients with schizophrenia, psychotic bipolar disorder and psychotic major depression. Deterioration in scholastic performance was common among all three patient groups, whereas deficits in social functioning appeared specific to schizophrenia.

18
**Co-Occurrence of Medical Conditions Among Psychotic Disorder Probands and Their First-Degree Relatives**
COURTNEY STEFANSKI, ELSABETH DONAHEY, JAMI HUYNH, JEFFREY BISHOP, JAMES L. REILLY & JOHN A. SWEENEY, University of Illinois at Chicago
cstefanski@psych.uic.edu
This study examined the occurrence of hypertension, type II diabetes, and hyperlipidemia in individuals with schizophrenia, psychotic bipolar disorder, their first-degree relatives, and controls. Probands reported higher rates of hypertension and type II diabetes, indicating the need for ongoing evaluation and management of these medical conditions in these psychiatric populations.

19
**Time Estimation in Individuals with High Borderline Personality and High Depressive Symptoms**
SOPHIE A. LAZARUS & JENNIFER S. CHEAVENS, The Ohio State University
lazarus.15@osu.edu
Time estimation was investigated in individuals with high borderline personality disorder symptoms, high depressive symptoms, and controls. In the longest time interval, BPD and MDD groups significantly overestimated compared to controls. This suggests the experience of negative emotion and low distress tolerance may be related to slower experience of time.

20
**Adolescent Depression and Discrepancies Among Reported and Observed Maternal Warmth**
LAUREN R. BANGERT, RACHEL L. CHANDLEY & AARON M. LUEBBE, Miami University; DEBORA J. BELL, University of Missouri
bangerlr@muohio.edu
Discrepancies between parent and child reports of maternal warmth are related to adolescent depression. This study introduces coded observations of warmth in
context to the analysis of perceptual differences in parenting behaviors. Adolescents who reported less warmth than observed were more depressed than adolescents who reported more warmth than observed.

21
Gender, Stress, Cognitive Avoidance and Depressive Symptoms: A Mediation Model
DANIEL A. DICKSON, CHRISTOPHER W. ZADDACH, COLLEEN S. CONLEY & JOHN G. CONWAY, Loyola University Chicago
ddickson1@luc.edu
Research has supported the association between cognitive avoidance and depression in response to life stress. However, research has not assessed the stress to cognitive avoidance relationship. The current research demonstrates gender differences in the mediating effect of cognitive avoidance on the longitudinal relationship between stressful life events and depressive symptoms.

22
Interpersonal Behavioral Differences Among Distressed and Nondistressed Couples with Generalized Anxiety Disorder
HANNAH SMITH & JOSHUA ROOKS, Northwestern University
hannahsmith2011@u.northwestern.edu
Interpersonal behavior of distressed (n=22) and nondistressed (n=28) couples in which one partner met diagnostic criteria for GAD were compared, using observational coding based on the Structural Analysis of Social Behavior model (SASB; Benjamin, 1979, 1987, 1996).

23
Couples and GAD: How Does Behavior Change Across Conversation Topics?
MARIA DANGLES, KATIE BELLEVILLE & LYNNE KNOBLOCH-FEDDERS, Northwestern University
mdangles@u.northwestern.edu
This study compared the interpersonal behavior of couples in which one partner has GAD across worry and conflict conversations. Interpersonal behavior was observed using the Structural Analysis of Social Behavior (Benjamin, 1979, 1987, 1996).

24
Generalized Anxiety Disorder, Relationship Distress, and Mixed-message Communication
ANTHONY ROSADO, TOMMY WELLS & LYNNE KNOBLOCH-FEDDERS, Northwestern University
a-rosado@northwestern.edu
Frequency of mixed-message interpersonal communication (communication of simultaneous opposing messages) was compared in a sample of distressed

25
Gender Differences in Interpersonal Behavior in Generalized Anxiety Disorder (GAD)
PATRICK BOATENG, JUSTIN MADSEN & LYNNE KNOBLOCH-FEDDERS, Northwestern University
patrickboateng2011@u.northwestern.edu
This study compared the interpersonal behavior of men and women with GAD. Interpersonal behavior observed during GAD individuals' interactions with their partners was coded using the Structural Analysis of Social Behavior model (SASB; Benjamin, 1979, 1987, 1996).

26
Externalizing Problem Behaviors Among Young Adolescents: Ethnic Variation in the Associations with Friends' Age, Subjective Age, and Friends' Externalizing Problem Behaviors
MICHAEL P. FLORES, LAURA D. PITTMAN & REBECCA KELLEY, Northern Illinois University
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Young adolescents' externalizing problem behaviors (EPBs) were positively linked to average age of friends, subjective age, and friends' EPBs. Ethnic group differences were found in the degree to which adolescents' EPBs were linked to age of friends and subjective age, but not friends' EPBs.

27
Physical, Religious Activities, and Depression Among Urban African American Adolescents
MARIA SMITH, EDNA ROMERO & MARYSE H. RICHARDS, Loyola University Chicago
eromeroy@gmail.com
The purpose of this study is to research the relationship of activity participation to depression in an underrepresented population- low income, urban, African American Adolescents. Regressions indicate that religious activities predicted higher depression scores ($B=.44$, $t(164)=2.72$ $p<.05$), while physical activities predicted lower depression scores ($B=-.08$, $t(183)=-2.14$, $p<.05$).

28
Perfectionism and Loneliness as Predictors of Depressive and Anxious Symptoms in Latinos
NATALIE J. LIN, ABBEY J. HERRINGSHAW, EDWARD C. CHANG, MARISA J. PERERA & VICTORIA V. MARCHENKO, University of Michigan; LAWRENCE J. SANNA, University of North Carolina at Chapel
This study examined perfectionism and loneliness as predictors of depressive and anxious symptoms in Latinos. Consistent with past research, both perfectionism and loneliness were found to be associated with negative affective conditions in Latino/a students and loneliness was found to account for additional variance. Implications for future research are discussed.

Loneliness and Negative Life Events as Predictors of Suicidal Behaviors in Latinos

ABBEY J. HERRINGSHAW, EDWARD C. CHANG, NATALIE J. LIN, MARISA J. PERERA & VICTORIA V. MARCHENKO, University of Michigan; LAWRENCE J. SANNA, University of North Carolina; JAMESON K. HIRSCH, East Tennessee State University; ELIZABETH L. JEGLIC, John Jay College of Criminal Justice

This study examined predictors of suicide risk in Latinos. Loneliness and negative life events were associated with greater hopelessness and suicidal behaviors. Consistent with a diathesis-stress model, the Loneliness x Negative Life Events interaction term accounted for a significant amount of additional variance in predicting hopelessness and suicidal behaviors.

Evidence for the Validity of the Clinical Perfectionism Questionnaire

MARISA J. PERERA, ABBEY J. HERRINGSHAW, EDWARD C. CHANG, NATALIE J. LIN & VICTORIA MARCHENKO, University of Michigan; LAWRENCE J. SANNA, University of North Carolina

This study examined the validity and utility of the Clinical Perfectionism Questionnaire (CPQ) in a non-clinical sample. Consistent with expectations, CPQ scores were positively associated with scores on measures of commonly studied indices of maladjustment. Additionally, the CPQ accounted for additional variance in each of the indices of maladjustment.

Conceptions of Child Competence: A Comparison Between Caucasian and Hispanic-American Mothers

NICOLE M. SUMMERS, EDWIN ORTIZ, SHANA LUCAS & WOLFGANG FRIEDLMEIER, Grand Valley State University

This study aims to compare Hispanic-American and Caucasian mothers' conception of children's competence. Hispanic culture emphasizes interdependence and Caucasian culture values independence. Preliminary results
suggest that differences in Hispanic-American and Caucasian mothers' conceptions of young children's competence reflect these values.

32

Associations between Sexual Orientation and Psychopathology at Two Time Points
BROOKE M. BLUESTEIN & NICOLE T. BUCHANAN, Michigan State University
blueste2@msu.edu
Using the public-use Add Health data, this study examined the psychosocial outcomes of a community sample of lesbian, gay, and bisexual (LGB) and heterosexual participants during adolescence as well as seven years later to determine if a similar pattern of psychological outcomes can be found at both periods of time.

33

Adult Attachment and Mate-Seeking Preferences
DAVID M. NJUS, ANDREW TJOSSEM, BRIAN HANNEGAN MCKEE & HOLLY GODAR, Luther College
njusdavi@luther.edu
We examined the relationship between adult attachment and short-term/long-term mating preferences in a sample of undergraduate liberal arts students. Results suggested that while evolved sex differences are important in explaining variability in mating preferences, attachment avoidance explains additional variability in both short-term and long-term mating preferences.

34

Forbidden Relationships and Betrayed Trust
MICHELLE ROTH & MATTHEW MONTOYA, University of Dayton
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The current study is an effort to better our understanding of how gender and individual difference variables such as attachment, security, and depression affect the beliefs one holds about infidelity and how these beliefs might mediate the unfavorable outcomes seen for individuals affected by infidelity.

35

The Impact of Friend Gender on Romantic Partner Preferred Characteristics
MICHELLE ROTH & CAROLYN ROECKER PHELPS, University of Dayton
rothers27@netscape.net
This study asked women to self-generate a “wish list” of qualities desired and undesired in a romantic relationship. Findings suggest the gender of women's current friendships and romantic relationship status moderated the qualities preferred in romantic partners.
Is Social Networking Really...Social? Undergraduates' Use of Social Technologies and Loneliness
MICHELLE DROUIN, LESA VARTANIAN & JULIE STILLIS, Indiana University Purdue University Fort Wayne
drouinm@ipfw.edu
Facebook, text messaging, and voice calls are commonly regarded as social activities. However, only voice calls from established friends and parents were significantly and negatively related to loneliness among undergraduates—Facebook and text messaging were not. The social nature of computer-mediated social media needs to be examined more thoroughly.

A Discriminate Analysis of Personality Among Violent and Non-Violent Inmates
ANDREW R. HULL, KATHRYN L. WOLF & REGINALD ADKISSON, Western Illinois University
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According to Nestor (2002) certain personality characteristics are more salient in predicting the risk of violent behavior. The current study examines the separation of violent and non-violent offenders within a prison population. Masochistic trait features increase with a decrease in dysthymia, histrionic and negativistic, predicted violent group membership.

Attitudes, Beliefs, and Perceptions of Intimate Partner Abuse
KALEIGH J. SANDS, Purdue University; LISA M. CRAVENS-BROWN, The Ohio State University
sandsk@purdue.edu
This pilot study assessed college students' perceptions of violence behaviors and endorsement of myths about intimate partner aggression. We also examined willingness to intervene in a violent scenario. Implications for intervention and education are discussed, as well as future directions for exploring relationship maintenance strategies among victims of aggression.

Loneliness and Bulimia as Risk Factors for Intimate Partner Violence
STEPHANIE B. RICHMAN & C. NATHAN DEWALL, University of Kentucky
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Loneliness and bulimia are associated with feeling a loss of control over one's life. Re-establishing lost control often involves aggression, including intimate partner violence (IPV). This research identifies bulimia, loneliness, and the bulimia by loneliness interaction as significant predictors of IPV. Specifically, lonely bulimics are the most likely to perpetrate IPV.
40
Black Women's Perception of Domestic Violence Based on Racial Discrimination
ARNITTA HOLLIMAN, Marquette University
arnitta.holliman@mu.edu
Domestic violence research lacks the necessary attention regarding the complexities of intimate relationships among ethnic minorities. This study examined how perceived racial discrimination and negative self-stereotyping impacts Black women's perceptions of domestic violence. Preliminary results suggest that women with more experiences with racism also internalize the negative stereotypes about Blacks.

41
Truthfulness and Biased Responding Among Male and Female Partner Abusers
JODY M. ROSS, Indiana University Purdue University, Fort Wayne rossj@ipfw.edu
This study examines gender differences in the relation between socially-desirable responding and self-reported partner aggression and control among men and women court-ordered to batterers’ intervention. Social desirability scores were related to self-reported negative relationship behaviors for men but not women. Correlations between physical violence and biased responding were not significant.

42
Predicting Outcomes for Male Batterers in Court-Mandated IPV Treatment
MATTHEW MILLER, CORY CRANE & CHRISTOPHER ECKHARDT, Purdue University mille387@purdue.edu
We examined stages of change and outcome expectancies with male perpetrators of Intimate Partner Violence. We predicted that participants in the lower stages of change and with positive outcome expectancies would show significantly higher rates of early drop-out and re-offending. These results would indicate that readiness to change is key.

43
Safety Planning for Young Children Exposed to Intimate Partner Violence
LAURA E. MILLER, KATHRYN H. HOWELL, ERIN C. HUNTER & SANDRA A. GRAHAM-BERMANN, University of Michigan lauraem@umich.edu
The current study examined the impact of an evidence-based intervention program on preschool-aged children's safety planning strategies. Results indicated that children in the experimental group reported significantly higher
rates of active-help seeking than did children in the control group. Implications for treatment are discussed.

44
Decreasing Arousal Through Manipulation of Repetitive Action
SHAUN STEARNS, CURTIS DARTSCH, LAUREN HAUG & RAYMOND FLEMING, University of Wisconsin Milwaukee
stearns@uwm.edu
Nervous actions performed when stressed, such as tapping one's fingers, can significantly alter respiration and heart rate. Decreases in all measures of electrodermal activity for the slow tapping group (compared to the steady tapping group and a no-tapping control), suggest slow tapping may reduce sympathetic nervous system arousal during stress.

45
Heart Rate Variability, Respiration, and Self-Reported Affect During Relaxation
BRIANNE KLUGE & RAYMOND FLEMING, University of Wisconsin-Milwaukee
mundo@uwm.edu
The present investigation tested whether slow motor movements enhance parasympathetic control over heart rate variability during relaxation. Significant differences between relaxation conditions (relaxation: beach scene with slow motor movements, relaxation: beach scene with goal directed activity, and autogenics training) on respiration, heart rate variability and affective self-reports will be discussed.

46
Effects of Electrocardiographic Sampling Rates on Accuracy of HRV Measurements
KOTARO SHOJI, GREG A. BURROW, BRITTNEY HOLCOMB & RAYMOND FLEMING, University of Wisconsin - Milwaukee
kshoji@uwm.edu
Differences in the accuracy of heart rate variability measurements between sampling rates of 1000 Hz and 200 Hz during positive and negative emotions were examined. Sampling rates affected both time and frequency domain HRV measurements, and measurements derived from FFT were less susceptible to distortions than those taken from AR.

47
An Examination of Racial Bias in the Beck Depression Inventory-II
TRACY SASHIDHARAN, LAURA PAWLOW & JON PETTIBONE, Southern Illinois University Edwardsville
lpawlow@siue.edu
This study explored potential bias against African Americans in the BDI-II. Hierarchical regression compared the scores of the BDI-II with a similar measure of depression which has been standardized on African Americans. Data analysis revealed no significant differences between groups, suggesting no bias against African Americans in the BDI-II.

48
Reconciling Low Parent and Teacher Rating Agreement Using Rasch Modeling Techniques
NATHANIEL DEYOUNG, DANIEL KLYCE & ANTHONY J. CONGER, Purdue University (Sponsor: WILLIAM GRAZIANO)
nathan.deyoung@gmail.com
Rasch modeling was used to investigate low agreement between parent and teacher ratings of preschool-aged children. Raters that best fit the unidimensional constructs were retained, but this did not improve agreement. The fact that rater agreement did not increase may suggest a possible implicit norming mechanism being employed by raters.

49
Unipolar Multivariate Spaces in Assessment of Psychopathology
ANTHONY J. CONGER, DANIEL KLYCE & NATHAN J. DEYOUNG, Purdue University
dklyce@psych.purdue.edu
Abstract: The Personality Assessment Inventory was administered to three, distinct samples of respondents. Comparisons of standardized average covariances within conditional distributions across the range of total pathology scores demonstrated stronger relationships within scales and increased divergence among scales as psychopathology increased. These data support a unipolar multivariate model of psychopathology.

50
Differential Item Functioning of the SDQIII
SETLHOMO KEAIKITSE, HOLMES FINCH & WILFRED AH MUCHERAH, Ball State University
smkoloi@bsu.edu
This study examined gender based differential item/bundle functioning (DIF/DBF) on the SDQIII measure of self concept for Kenyan adolescents. Results demonstrated that DIF/DBF was present for items measuring academic and mathematics self concept. Positive attribution items for both sets favored males while negative attribution items favored females.

51
The Poreh Nonverbal Memory Test
CHELSEA KOCIUBA, JOHN SKALLA, ADAM FOMINAYA & AMIR POREH, Cleveland State University
The present study examined the utility and validity of a new spatial memory test. Preliminary data shows the test acts in a similar fashion as auditory verbal learning tests where examinees show logarithmic learning curves. Performance correlates with existing measures, showing it to be a good representation of nonverbal memory.

52
Validation of the Abbreviated Torrance Test for Adults
MARIA M. CLAPHAM & EMILY F. SVENSSON, Drake University
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This study examined whether professionally scored Abbreviated Torrance Test for Adults (ATTA) were comparable to Torrance Tests of Creative Thinking (TTCTs) scores. Results showed that ATTA scores were moderate associated with Verbal and Figural TTCT scores. Implications and possible causes of these results are discussed.

53
Trauma Therapy for Liberian Former Child Soldiers: A Mixed Treatment Design
LUCINDA WOODWARD, Indiana University Southeast; MATTHEW DECKER, Western Michigan University
luwoodwa@ius.edu
Sixteen Liberian former child soldiers with Posttraumatic Stress Disorder were assigned to one of two treatment conditions: individual cognitive-behavioral therapy (CBT) or combined CBT/interpersonal group therapy. Results indicated that both groups experienced reduced PTSD symptoms and aggression after 10 weeks of treatment with no significant differences between the groups.

54
The Effect of Combat on Affective Reactions to Emotional Images
CAITLIN DRESLER, TINA VALESQUEZ, RANAE NEUENFELDT, ZACHERY FALKOFSKIE, DESIREE BUDD & MICHAEL DONNELLY, University of Wisconsin-Stout
buddd@uwstout.edu
Combat veterans and civilians viewed emotional images while arousal was measured using GSR. They also rated each image for valence and arousal. Combat veterans' rated the images as less arousing and more neutral than civilians, even though their physiological arousal to aggressive and combat images was more intense.

55
Emotional Maltreatment, Parental Alcoholism, and Gender as Predictors of Maladaptive Interpersonal Schemas
CAROLYN R. SHAINHEIT & MARGARET WRIGHT, Miami University
The relationship between childhood emotional maltreatment and endorsement of early maladaptive schemas (EMS) was explored, utilizing gender and parental alcoholism as moderators. Childhood emotional maltreatment significantly predicted each of the EMSs; three-way interactions indicated that males with histories of both childhood emotional maltreatment and parental alcoholism most highly endorsed EMSs.

56 How Does Working Model of the Self and Others Explain the Association Between Attachment and Global Distress Following Trauma?
BAN HONG (PHYLICE) LIM, LAUREN ADAMS & MICHELLE LILLY, Northern Illinois University
cvaldez@niu.edu
Few studies have explored contextual factors contributing to global distress following trauma. We predict that attachment style, working models of the self and others, as well as types of trauma, influence distress levels following trauma. Working models of self were found to be particularly important in predicting distress following trauma.

57 Interpersonal Trauma Exposure and Dissociation: Roles of Attachment and Peritraumatic Distress
LISA SLEEZER, MEGAN O'BRIEN & MICHELLE M. LILLY, Northern Illinois University
michelle.m.lilly@gmail.com
Research has suggested that a relationship exists between early trauma exposure, revictimization, and dissociation. Undergraduate students were grouped based on when interpersonal trauma (IPT) occurred in the lifespan. There were significant differences in dissociation symptoms based on IPT exposure group membership, as well as differences in attachment and peritraumatic processes.

58 Trauma Exposure in 9-1-1 Telecommunicators: Considering the Risk for Posttraumatic Stress Disorder
HEATHER APPLEGATE PIERCE & MICHELLE LILLY, Northern Illinois University
chkrs@sbcglobal.net
For many emergency responders, such as police officers and firefighters, the occupational exposure to trauma has been related to an increased risk for developing posttraumatic stress disorder (PTSD). The current research examined peritraumatic distress and the prevalence rate of PTSD symptoms in 9-1-1 telecommunicators.
59 How Young Women Make Meaning of the Role of Relationships in Their Body Image Development
Tiffany Spierling, Central Michigan University
hinck1tn@cmich.edu
Study comprised of mixed-methods data from an anonymous online survey of 589 college females reflecting on the impact of relationships in their body image development. Twelve relationship categories were analyzed for differences in mentions and descriptions of relationships between high/low body image satisfaction groups. Results suggest substantial differences between groups.

60 Identity and Disordered Eating: The Vulnerability of College Women
Lauren M. Potthoff & Connie D. Kalble, Loyola University Chicago (Sponsor: Scott C. Leon)
lpotthoff@luc.edu
The transition from high school to college may be associated with increases in disordered eating in women. The current study examined adjustment to college, identity development, body dissatisfaction, and disordered eating. Disordered eating was significantly associated with a higher BMI, more body dissatisfaction, poorer college adjustment, and higher identity scores.

61 Self-Esteem and Body Satisfaction in Suicidal Ideation and Self-Injury
Andrea Hadley, Chandra Feltman & Amy Brausch, Eastern Illinois University
abrausch@eiu.edu
The present study examined self-esteem and body dissatisfaction in college students as risk factors for NSSI and SI. Self-esteem and body dissatisfaction were hypothesized as predictors for NSSI and SI, with self-esteem as the strongest predictor of both risky behaviors. Analyses revealed that only body dissatisfaction predicted NSSI and SI.

62 The Effects of Writing About Forgiveness on Health
Christina S. Khou, Grinnell College; Kaela L. Stuart, Luther College; Sara A. Hoffman, Perrin Grabow, Asani H. Seawell, Grinnell College; Loren L. Toussaint, Luther College
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The present research examines the effects of forgiveness writing on physical and psychological health. Study 1 included a single forgiveness writing session followed by a one-month follow up. Study 2 explores the psychological benefits of writing over the course of three sessions in addition to a three-week follow up.
A Tailored Approach to Expressive Writing: The Roles of Event Impact and Self-Distancing on Cognitive Processing and Emotional Expression
MATTHEW A. ANDERSSON, University of Iowa; COLLEEN S. CONLEY, Loyola University Chicago
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This study assessed how event impact and writing modality interactively shape the cognitive-emotional benefits of expressive writing, by comparing the traditional paradigm to a new, self-distanced approach. Results support a curvilinear efficacy model for a traditional paradigm, and indicate that self-distanced writing may be useful for highly stressful life events.

The Association Between Alexithymia and Primary Versus Secondary
GWENDOLINE C. LANDER, CATHERINE L. ZOIS & JESSICA R. PORCO, University of Dayton
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We investigated and found support for the hypothesis that alexithymia would be positively associated with secondary psychopathy, but unrelated to primary psychopathy. These results were found with two distinct methods of assessing primary and secondary psychopathy and are central to the advancement of knowledge of both alexithymia and psychopathy.

The Role of Religious Beliefs and Involvement in Adolescents' Mental Health
HEATHER HAHN & STEPHANIE A. LITTLE, Wittenberg University
slittle@wittenberg.edu
This study examined the effects of intrinsic and extrinsic religiosity as well as Young Life and church involvement on adolescents' mental health. Intrinsic and extrinsic religiosity, as well as Young Life involvement were significantly related to teenagers' mental health, but the nature of these effects differed by gender.

The Airborne Disorder: Communicability and Stigma in Mental Disorders
LINDZI L. SHANKS & JESSECAE K. MARSH, Texas Tech University
(Sponsor: MICHAEL J. SERRA)
jesseeae.marsh@ttu.edu
This project investigates the cognitive bases of mental disorder stigma. Stigma was correlated with the perceived communicability of a disorder. Furthermore, communicability was correlated with the amount of perceived control patients had over their disorder. These results have important implications for how anti-stigma campaigns target changing stigmatic beliefs.
Effect of Message Framing on Views of Postpartum Depression
ERIN J. HENSHAW & MEGAN GREENHOUSE, Denison University
henshawe@denison.edu
We explored the effect of message framing on opinions about depression among mothers. We hypothesized that a loss-framed message would result in increased perceived treatment need as well as increased negative judgments against a woman with depression. Both hypotheses were supported, suggesting both desirable and undesirable impacts of loss-framed messages.

The Influence of Personality Styles on Behavior Regulation in Adults
REGINALD ADKISSON & KELLY FORD, Western Illinois University
r-adkisson@wiu.edu
This study investigates the influence of personality styles on behavior. Participants completed the Millon Index of Personality Styles and Behavioral Rating Inventory of Executive Function. Using multiple regression a significant function emerges that provides clinically useful information for understanding the influence of gender based personality styles that affect behavior regulation.

Depression as a Mediator in the Relationship between Violent Victimization and Aggression
CHRISTINE VALDEZ, JANESSA KEUN & MICHELLE LILLY, Northern Illinois University
cvaldez@niu.edu
This study examined the relationship between violent victimization, depression, and physical aggression. Mediation analyses revealed that depression symptoms mediate the relationship between violent victimization exposure and physical aggression in women, but not men, suggesting that depression may be a mechanism through which women become physically aggressive subsequent to violent victimization.

Effects of Violent Video Games and Music on Aggressive Cognitions
JUSTIN M. STEVENS & MICHAEL J. SERRA, Texas Tech University
michael.serra@ttu.edu
We examined the effects of violent (vs. non-violent) video games and lyrically-violent (vs. non-violent) music on aggressive cognitions and experience with the materials. Violent content had additive effects on aggressive cognitions (feeling mean or unsociable). Game content affected liking for both the game and music, regardless of music type.
Psi Chi Distinguished Speaker
Searching for Little Albert: Our Journey to John Watson’s Infant Laboratory
HALL BECK, Appalachian State University

Friday, 12:00-1:00 Adams Room
DANIEL P. CORTS, Augustana College, Moderator

Invited Symposium
The Trouble With Living and Dying:
The Politics of Anger, Fear, and Pain

Friday, 12:30-3:00 Salon 6
VICTOR OTTATI, Loyola University Chicago, Organizer

Partisan Polarization and Intergroup Emotions Theory
LEONIE HUDDY, State University of New York at Stony Brook

Exploring the Role of Existential Motivation in Attitudes Toward Political Rivals
MARK LANDAU, University of Kansas

Fatal Attraction: Fear of Death and Political Preferences
SHELDON SOLOMON, Skidmore College

“I Feel Your Pain”: Person-Centered Communication Styles and Political Candidate Evaluation
RANDALL RENSTROM, Loyola University Chicago

Invited Address
Empowering People to Break the Prejudice Habit
PATRICIA G. DEVINE, University of Wisconsin-Madison

Friday, 1:30-3:00 Adams Room
MARGO MONTEITH, Purdue University, Moderator
Individual Differences

Friday, 1:00-2:45
WAYNE HARRISON, University of Nebraska - Omaha, Moderator

1:00
Could Darth Vader Lead? Dark-Side Personality Traits and Leadership Performance
REBECCA SHIVELY, WAYNE HARRISON & ANDREW NOON, University of Nebraska at Omaha
rlshively@unomaha.edu
Managers completed a measure of “dark-side” personality traits. Ratings of leadership performance were provided via 360-degree feedback. High level managers showed a negative curvilinear relationship between selected traits and leadership performance, while low level managers showed the opposite pattern. Specific personality characteristics may impact performance differently depending on management level.

1:15
The Dimensionality of the Collective Self-Esteem Scale Using Item Response Theory
JENNA PERKINS, LESLIE N. DAVILA MARTINEZ & CYNTHIA WILLIS ESQUEDA, University of Nebraska-Lincoln; STELLA LOPEZ, University of Texas-San Antonio
cwillis-esqueda1@unl.edu
Dimensionality of the Collective Self-Esteem Scale was examined in Mexican descent and White American samples using Item Response Theory. The 4 factor model had good fit for the Mexican descent sample, but the White American sample had adequate fit. This suggests that the CSE scale may be nonlinear in nature.

1:30
Who Blogs Revisited: Another Look at Individual Differences and Blogging
ROSANNA GUADAGNO, BRADLEY OKDIE & KIMBERLY HAMRICK, University of Alabama
kchamrick@comcast.net
In an extension of Guadagno, Okdie, and Eno (2008), this study used a variety of personality measures, including the Big Five to predict blogging. Results replicated the prior work and also indicated that Narcissists -- particularly women -- and individuals high in private self-awareness were more likely to blog.
1:45
**Just-World Attribution: The Stimulus-Variable Impact on College Students’ Process of Attribution and Meaning Making**
MUTHUMBI WA KIMANI & TERRI WEAVER, Saint Louis University
mwakiman@slu.edu
How individuals attribute crime's seriousness and blame is a function of contextual and personal variables. Interactions between these variables among 267 participants in a 2 (violence/non-violence) by 2 (compensation-possible/not-possible) by 2 (photo-present/not-present) predicted outcome attributions.

2:00
**Evaluations of Prosocial Behavior: The Influence of Partner's Empathic Concern**
SARA E. BRANCH, LAURA E. VANDERDRIFT & WILLIAM G. GRAZIANO, Purdue University
sbranch@psych.purdue.edu
Within the context of romantic relationships, we examined what factors influence individuals' evaluations of their own prosocial behavior. Results indicated that when individuals engage in helping that affects their partner's outcomes, they evaluate that helping less positively if they perceive their partner to be low in empathic concern.

2:15
**The Social Psychology of Romantic Charisma**
CAITLIN DUFFY & ELI FINKEL, Northwestern University; PAUL EASTWICK, Texas A&M University
cwduffy25@gmail.com
Lay usage of the term “charisma” in romantic contexts suggests it is a disposition: some people are romantically charismatic while others are not. Two laboratory experiments and two speed-dating studies call this into question, suggesting that romantic charisma is a largely social process rather than simply a stable personality trait.

2:30
**Self-Perceived Mate Value: A Multifaceted Construct**
THOMAS L. HANSON & KRISTINE M. KELLY, Western Illinois University
tl-hanson@wiu.edu
This study investigated the relationships between self-perceived mate value, short-term, and long-term mating behaviors. Results indicated that sexual promiscuity and jealousy related to different dimensions of self-perceived mate value. These findings supported self-perceived mate value as a multifaceted construct.
Objectification & Interpersonal Aggression

Friday, 1:00-2:45
Salon 3
ROBIN A. ANDERSON, St. Ambrose University, Moderator

1:00 Invited Talk
When What You See is What You Get: The Causes and Consequences of Sexual Objectification
SARAH J. GERVAIS, University of Nebraska-Lincoln
sgervais2@unl.edu
The purpose of this research is to examine the causes and consequences of sexual objectification. Drawing on three lines of research, I will examine the automatic and motivational underpinnings of sexual objectification for perpetrators and the consequences of sexual objectification for recipients. Implications and future directions will be discussed.

1:30 Men’s Perceptions of Peers’ and Close Friend’s Sexual Attitudes/Behaviors
MEGAN J. MURPHY, TINA M. DARDIS & CHRISTINE A. GIDYCZ, Ohio University
mm195407@ohio.edu
Men’s perceptions of normative sexual attitudes and behaviors are believed to be important in supporting a sexually aggressive culture. This study builds upon prior social norms research by comparing men’s own attitudes and behaviors to those of normative peers as well as to a specific close friend.

1:45 Men’s Perceptions of and Attitudes Toward Violence and Sexually Aggressive Behavior
TINA M. DARDIS, ERIKA L. KELLEY, KATIE M. EDWARDS & CHRISTINE A. GIDYCZ, Ohio University
cd126408@ohio.edu
Little is known about men’s perceptions of what constitutes sexually abusive behavior. The current study assessed men’s perceptions of abuse and the relationship between their perceptions and rape supportive attitudes and their own sexually aggressive behavior. Implications for bystander intervention programming will be highlighted.

2:00 The Impact of Social Norms Variables on Prosocial Bystander Behavior: A Prospective Analysis
SUSAN M. WILSON, MEGAN J. MURPHY, TINA M. DARDIS & CHRISTINE A. GIDYCZ, Ohio University
sw938306@ohio.edu
In efforts to reduce sexual assault perpetration in men, research has sought to understand what factors influence men’s intervention behaviors when they encounter their peers perpetrating sexual violence towards women. The current longitudinal study examined factors that predict prosocial bystander behavior in a large sample of college men.

2:15 Invited Talk
The Word Game: An Innovative Strategy for Assessing Implicit Cognitive Processes During Aggressive Exchanges
JULIE L. CROUCH, Northern Illinois University
jcrouch@niu.edu
The Word Game was developed in an attempt to study implicit cognitive processes during interpersonal exchanges that involve aggressive response options. This presentation will summarize findings to date from research that has employed the Word Game to study the aggressive propensities of parents at risk for child physical abuse.

Language II

Friday, 1:00-2:45 Salon 5
ANGELA C. JONES, John Carroll University Moderator

1:00 Invited Talk
Theories of Word Processing Via Lexical Decision, Naming, Past Tense Verb Generation and Recognition Memory Examining
MICHAEL J. CORTESE, University of Nebraska - Omaha
mcortese@unomaha.edu
Results from studies of word processing will be used to assess theoretical models. I will focus on the following issues: a) factors that influence performance, b) the utility of factorial studies and megastudies, c) insight via development and neuropsychology, d) status of contemporary models, e) unresolved issues, and f) future research endeavors.

1:30 Past Tense Route Priming
EMILY COHEN-SHIKORA & DAVE BALOTA, Washington University in St Louis
ecohensh@wustl.edu
We examined the extent to which individuals differentially control the hypothesized rule-based vs. lexically-based pathways in past tense inflection. We used a route-priming procedure, assessing target item responses in a biasing list context, to demonstrate that attentional control effects observed in word naming can also be observed in past tense conjugation.
1:45
Learning Grammar via Statistical Mechanism
WONJAE SHIN & KATHLEEN M. EBERHARD, University of Notre Dame
wshin1@nd.edu
The study examines whether human language learning is similar to Elman's (1993) SRN, when performing a predictive task with an artificial language with recursion and long-distance dependencies and arbitrary visual symbols as vocabulary. The results provide behavioral evidence that a statistical mechanism may underlie humans' ability to learn grammar.

2:00
Semantic Transparency in Vocabulary Acquisition
STEPHEN M. BRUSNIGHAN & JOCELYN R. FOLK, Kent State University
sbrusnig@kent.edu
Two experiments examined whether readers benefit from combining context and morphological information in vocabulary acquisition during reading. Participants read sentences containing novel and known English compounds that were either semantically opaque or transparent in neutral and biasing sentence contexts. Readers' eye-movements were monitored and memory for new meanings was tested.

2:15
Hemispheric Processing of Perceptual Symbols in Texts
STEPHEN BRINER & SANDRA VIRTUE, DePaul University
stephenbriner@gmail.com
Participants read texts that described the shape of an object, and then viewed pictures of the object presented to either the left or right hemisphere. Participants indicated whether the pictured object was mentioned in the sentence. Results indicated that readers process mental images in text comprehension differently in the hemispheres.

2:30
Examining Causes of the Serial Position Effect in Spelling
ANGELA C. JONES, John Carroll University; AISHA IBRAHIM, Cuyahoga Community College
acjones@jcu.edu
Spelling errors typically occur in word-medial positions. This serial position effect has been attributed to competition among letters during output. The current study examines other possible causes of the serial position effect in unimpaired spellers.
Interpersonal Violence

Friday, 1:00-2:30  
Salon 10
JUDITH M. MISALE, Truman State University, Moderator

1:00 Invited Talk
Dating Violence in Adolescence: Processes and Pathways
JOHN GRYCH, Marquette University
john.grych@marquette.edu
This paper will describe research on factors proposed to lead to violence in adolescent dating relationships, including explicit and implicit cognitive processes, emotions, and attachment styles, and address implications of this work for prevention and intervention.

1:30
Men's Sexual Aggression, Perceptions of Women's Attachment, and Dating Preferences
LUCIE HOLMGREEN & DEBRA L. OSWALD, Marquette University
lucille.holmgreen@mu.edu
This study examines whether attachment serves as a cue to potentially sexually aggressive men regarding women's vulnerability. Results indicate that potentially sexually aggressive men perceive their preferred dating partners as having higher levels of characteristics associated with past sexual trauma but do not necessarily uniquely prefer insecurely attached women.

1:45
Cognition and Intimate Partner Violence: A Meta-Analytic Review
CORY CRANE, JONATHAN OSKVARECK, MATT MILLER & CHRISTOPHER ECKHARDT, Purdue University
cacrane@psych.purdue.edu
The current meta-analysis examines the associations among the occurrence of intimate partner violence (IPV) and cognitive factors including beliefs, attitudes, and attributions. Overall, IPV shared a small to moderate relationship with cognition as moderated by perpetrator gender, age, and relationship status. Results are applied to etiological models of IPV.

2:00
Motives for Partner Violence Among Community Versus Clinical Participants
JODY M. ROSS, Indiana University Purdue University Fort Wayne
rossj@ipfw.edu
This study examines motives for partner violence among clinical/court-referred and community-sample participants. Men endorsed emotion dysregulation and women self-defense as primary motives. Control of partner was not a primary
motive for any group but was significantly more common among the most violent clinical participants. Implications for batterer interventions are discussed.

2:15
Childhood Violence as a Predictor of Adult Partner Maltreatment
CHRISTINA MEADS & MELANIE HETZEL-RIGGIN, Western Illinois University
cl-meads@wiu.edu
The study investigates how the relationship between different forms of childhood violence and adult partner maltreatment is impacted by coping style and psychological distress. Results reveal that different coping styles and symptoms are predictive adult partner maltreatment depending on the type of childhood violence experienced.

Psychobiology III

Friday, 1:00-2:00  Logan Room
LEE BUDESHEIM, Creighton University, Moderator

1:00  Invited Talk
Capturing Aspects of Social Influences on Drug Abuse with Animal Models
JANET NEISEWANDER, Arizona State University
janet.neisewander@asu.edu
Social context enhances initial drug reward in adolescent rats, whereas the introduction of social and alternative rewards (environmental enrichment) during a period of forced abstinence attenuates motivation for drug. We have begun to unravel the mechanisms of these effects, which may have implications for understanding vulnerability and treatment of drug abuse.

1:30
Effects of Environmental Enrichment on Nicotine-Induced Cross-Sensitization to d-Amphetamine
EMILY E. ADAMS, MICHAÈLA B. KRAFT & DUSTIN J. STAIRS, Creighton University
dustinstairs@creighton.edu
The present study determined if enrichment during development alters nicotine cross-sensitization to amphetamine. Enriched and impoverished rats were pretreated with nicotine or saline and later tested with saline or d-amphetamine. Results indicate that enrichment decreases the ability of nicotine exposure to alter the sensitivity to low amphetamine doses.

1:45
Sensitization Induced by Haloperidol and Olanzapine is Context-Dependent
Repeated haloperidol and olanzapine induced a robust behavioral sensitization in both the conditioned avoidance response and PCP hyperlocomotion models. Its expression was highly context-dependent as it only manifested itself in the model in which it was being induced.

Environmental Attitudes and Behaviors

Friday, 1:00-2:45  Madison Room
MARGARET DUST, Chicago State University, Moderator

1:00  Invited Talk
Collective Guilt and Climate Change
MARK A. FERGUSON, University of Calgary
mark.ferguson@ucalgary.ca
A series of correlational and experimental studies examine the role of collective guilt in motivating behaviors to reduce climate change. The talk will discuss when collective guilt is likely to arise and how well it motivates particular behaviors relative to other emotions.

1:30  Environmental Attitudes: A Comparison of Traditional Student and Non-Traditional Student Samples
ELIZABETH ARNOTT & MARGARET DUST, Chicago State University; KARIN ANDERSON, Concordia University
earnott@csu.edu
Recent research has investigated the ways in which arguments impact environmental attitudes. This study sought to examine differences in existing environmental attitudes and in attitude change in a traditional student sample versus a non-traditional student sample. Results suggest that tailoring arguments to the audience may aid in their overall effectiveness.

1:45  Promoting Children's Environmental Efficacy, Attitudes, and Behaviors
CATHERINE AURAH & JERRELL CASSADY, Ball State University
cmaurah@bsu.edu
First Bloom program aimed at promoting children's environmental efficacy, attitudes, and behaviors by introducing at-risk elementary school children from dense, high-poverty urban environments to National Parks. Results showed improved attitudes, behavior, and efficacy over time, and greater understanding of National Parks, native and invasive plants.
2:00
Values and Pro-Environmental Behavioral Intentions: The Mediating Role of Eco-Guilt
PATRICK R. HARRISON & ROBYN K. MALLETT, Loyola University Chicago
pharrison1@luc.edu
Values predict whether individuals engage in pro-environmental behavior but research has yet to identify the mechanisms through which this occurs. Drawing on the motivating power of emotions in pro-environmental behaviors, we establish eco-guilt as one mechanism through which self-transcendent, but not self-enhancement values influence pro-environmental behavioral intentions.

2:15
Impact of Time Perspective and Mortality Salience on Global Warming Attitudes
DAVID P. NALBONE, AMANDA TUOHY, KELLY JEROME, JEREMY BOSS, ANDREW FENTRESS & NEIL THOMAS, Purdue University Calumet
dnalbone@calumet.purdue.edu
We conducted a phone survey to examine the singular and interactive effects of time perspective and mortality salience on attitudes toward global warming. We discuss the need to address both variables when attempting to persuade individuals to take corrective action with regard to global warming and its likely consequences.

2:30
“Do as I Say, Not as I Do”, the Detrimental Effects of Hypocritical Feedback on Cooperation in a Social Dilemma
ADAM STIVERS, University of Delaware; NORBERT KERR, Michigan State University
astivers@psych.udel.edu
This study is part of a series of experiments examining the role of social feedback in social dilemma games. We explored the impact of hypocritical feedback from a partner on cooperation in a repeated social dilemma game.

Treatment & Change

Friday, 1:00-2:45  Marshfield Room
KRISTIN C. FLORA, Franklin College, Moderator

1:00  Invited Talk
Promoting Forgiveness in Therapy: Methods, Outcomes, and Controversies
NATHANIEL G. WADE, Iowa State University
nwade@iastate.edu
Research shows that addressing forgiveness in therapy can be effective. However, a gap in the research leaves unanswered what specifically is effective for promoting forgiveness. This talk will cover the state of the science on forgiveness interventions and provide emerging data that might address this important gap.

1:30
Comparing Methods of Measuring Youth Inpatient Hospitalization Outcomes
ALISON M. DUNLEAVY, DEVIN C. CAREY, SCOTT LEON, MICHELLE BUSCHING, NATALIE KLEMPER, RAVI PIRYANI & RIMA PATEL, Loyola University Chicago
adunleavy@luc.edu
Youth inpatient hospitalization outcome research fails to assess clinical improvements within episode of care. This study monitored children in three inpatient units on daily functioning and symptom severity. Comparisons for hospital outcomes revealed differences between analyses of LOS and symptom acuity. Regular acuity ratings are more appropriate measure of outcomes.

1:45
Correlates of Safety Holds for Youth in Residential Treatment
SANDRA L. NOVAK & STEVEN A. MEYERS, Roosevelt University
smeyers@roosevelt.edu
We examined how characteristics of youth in residential treatment centers related to the use of therapeutic safety holds that they received in that setting. Gender, age, IQ, history of physical abuse, and level of family involvement were significant correlates of the use and frequency of safety holds in this population.

2:00
Improving Psychotherapy Outcomes Using an Electronic Feedback System
STEPHEN MARK KOPTA, DANIELLE RAYMOND & LACEY CONLEY, University of Evansville
mk35@evansville.edu
This study assessed an electronic feedback system for improving psychotherapy outcomes. 13,324 patients at 11 centers were treated with psychotherapy using the CelestHealth System. Dose-effect analyses indicated that patients improved at higher rates than what is currently reported in the literature.

2:15 Invited Talk
Hope and Optimism: Beliefs About the Self and the World
KEVIN L. RAND, Indiana University-Purdue University Indianapolis
krand@iupui.edu
Hope and optimism are widely-studied goal-related traits. They are highly correlated, with similar relationships to important outcomes. Hence, there is a need to clarify whether they are redundant or distinct constructs. Research is
presented highlighting their differences when studied concurrently, and a synthesized model of hope and optimism is offered.

**Academic Anxiety**

*Friday, 1:00-2:15 Wilson Room*

JOAN SCHILLING, Edgewood College, Moderator

1:00  Invited Talk
**Does Social Anxiety Lead to Better Grades?**
DAVID P. VALENTINER, Northern Illinois University
dvalentin@niu.edu
To my surprise, social anxiety shows a positive correlation with academic grades in college. A series of studies were conducted to investigate this relationship. This investigation has been guided (and misguided) by what we know about the causes, effects, and correlates of social anxiety.

1:30
**Overcoming the Methods Effect in Assessing Cognitive Test Anxiety**
SETLHOMO KEAIKITSE, HOLMES FINCH & JERRELL C. CASSADY, Ball State University
jccassady@bsu.edu
Research on cognitive test anxiety demonstrated its impact on student learning. Cross-cultural studies conducted to investigate the factor structure of the English version produced a methods effect. This study was conducted to investigate the factor structure of the English version to correct the problem of reverse-coding associated methods effect.

1:45
**A Confirmatory Factor Analysis of the Math Anxiety Scale for Children (MASC)**
JEANNIE MONTAGANO, RUDOLPH BAILEY, KARL G. BAILEY & CAROLYN GUNDY, Andrews University
montagano@aol.com
Confirmatory and exploratory factor analyses were run on the responses of 341 children, Grades 4/5, to items from the Mathematics Anxiety Scale for Children. Results suggest that a one-factor solution appears to offer the most parsimonious description of elementary math anxiety.

2:00
**Confirmatory Factor Analysis of the Newstead Mathematics Anxiety Questionnaire (NMAQ)**
RUDOLPH N. BAILEY, JEANNIE K. MONTAGANO, KARL D. G. BAILEY & CAROLYN S. GUNDY, Andrews University
Confirmatory and exploratory factor analyses were run on the responses of 341 children, Grades 4/5, to items from the Mathematics Anxiety Scale for Children. Results suggest that a 2-factor solution appears to offer the most parsimonious description of elementary math anxiety.

**Developmental Poster Session**

*Friday, 1:00-3:00*  
*Upper Exhibit Hall*

CHRISTINA MILES KRAUSE, Aurora University, Moderator

1  
**Emotion Socialization Strategies: A Comparison Between Caucasian and Hispanic Mothers**  
LAUREN BEACHUM, CHARALENE KISER, MEGAN DRAHOS & WOLFGANG FRIEDLMEIER, Grand Valley State University  
beachuml@mail.gvsu.edu  
This study compares emotion socialization strategies of Caucasian-American and Hispanic-American mothers of 2-year-old children to determine whether they vary as a function of ethnicity. N = 60 mothers living in West Michigan were interviewed. Results indicated cultural differences which corresponded to differing cultural values.

2  
**The EmPort Assessment: Measuring Preschoolers’ Emotion Regulation in Field-Based Settings**  
KATHRYN E. SMAGUR, Michigan State University; MARIA MARCUS, JACLYN M. LENNON & CHRISTINE P. LI-GRINING, Loyola University Chicago  
smagurka@msu.edu  
The development of the EmPort Assessment, a field-based direct assessment of preschoolers' emotion regulation, is discussed. The EmPort taps emotion regulation strategies and frustration, in particular. Preliminary results examine the responses children gave to tasks eliciting emotion regulation strategies. Discussion will focus on the reliability and validity of the EmPort.

3  
**Risk-Taking Behaviors Among Bullied Youth**  
CLARK KOPELMAN, GERALD J. JONES, STEWART EHLY & WILLIAM KNABE, University of Iowa  
clark-kopelman@uiowa.edu  
The present study uses logistic regression to elucidate the relationship between being bullied and risk-taking behaviors, such as driving while intoxicated,
among high school students. Data were drawn from the 2009 Youth Risk Behavior Survey, an epidemiologic survey of 16,410 youth in the United States.

4
Using Multilevel Mixed-Effects Modeling to Understand Internalizing Behavior of Preschoolers
SANDRA A. GRAHAM-BERMANN, ERIC A. BERMANN & VIKTOR V. BURLAKA, University of Michigan
vburlaka@umich.edu
Multilevel mixed-effects linear regression estimated internalizing behavior problems in 211 children. Male gender ($\beta=1.87$, SE=.74, $p<.05$), low mother education ($\beta=-1.18$, SE=.50, $p<.05$), poor family community coping ($\beta=-1.29$, SE=.45, $p<.005$) and low level of social support to the mother ($\beta=-.10$, SE=.05, $p<.05$) significantly predicted internalizing behavior problems.

5
Effects of Violence on Children’s Perceptions of Peer and Sibling Aggression
JESSICA HOUSTON, CLAIRE OXTOBY & JOHN GRYCH, Marquette University
jessica.houston@marquette.edu
This study examines the relationship between children's exposure to community and family violence and their perceptions of acceptability of peer and sibling aggression, and potential moderators of these associations. Results support some specificity in associations between violence in different contexts and children's perceptions of aggression.

6
Sensory-Motor Functioning and Reading Ability Predictors in a Preschool Sample
MARIA HERNANDEZ FINCH, HOLMES FINCH & ANDREW DAVIS, Ball State University
mefinch@bsu.edu
This study examined the relationship between correlates (NEPSY-II) of early reading proficiency and sensory-motor functioning in preschool children. Results demonstrated that rapid naming of objects completion time was significantly related to successful completion of several sensory function tasks, but not others. Implications for learning to read are discussed.

7
It's OK to Change Your Answers: How Educators Can Help Students
ROBERT F. CAMPBELL, Lourdes College
fringus@buckeye-express.com
The evidence that changing answers improves test scores is well documented in the psychological literature. However many students continue to believe in the
first instinct fallacy. This paper discusses some of the reasons for the persistence of this belief and offers educators suggestions for altering student testing behavior.

8 Improving Children's Comprehension and Memory: Reciprocal Teaching vs. Repeated Testing
MAYA M. KHANNA, Creighton University; KELLY DIFOLCO, University of Nebraska at Omaha
mayakhanna@creighton.edu
We examined the reading comprehension and memory benefits of repeated-testing and reciprocal-teaching strategies in younger and older elementary students. Younger students in the repeated-testing group experienced higher final test scores than their counterparts in the reciprocal-teaching group, while the reverse pattern was found for the older students.

9 At-Risk Youth: Impact of Mentoring Program vs. School-Based Intervention Program on Academic Outcomes
BROOKE R. SPANGLER, CHRISTOPHER DEFRANCO, BRITTANY SMITH & J.D. SANTO, Miami University
spanglbr@muohio.edu
Archival data for 126 children (grades 3-8) who participated in a mentoring and/or a school-based intervention program were used to evaluate academic outcomes. Academic achievement tests, absences and suspensions for two academic school years, and length of program involvement were examined to determine influence for at-risk youth involved in these programs.

10 Voices in Action: Parents’ Impact on Student Outcomes
MARJURIE RIBEIRO & JERRELL CASSADY, Ball State University; JACKIE GARVEY, Indiana State Parent Information and Resource Center
maribeiro@bsu.edu
Voices in action is a parent involvement program addressing parent-teacher barriers. By giving parents the tools to be involved in their children's education, student achievement may be affected. The focus is to examine the growth learning model using ISTEP scores in math and language arts.

11 Taxonomy of Science Learning Behaviors: Cross-Validation and Discipline Comparisons
ANDREA M. OLSON, ANNA BRUESEWITZ, KATE MILNER & JAMIE PETERSON, St. Catherine University; ERIN RING, State University of New York Albany; GIL CLARY, Kutztown University
andreamolson@stkate.edu
A cross-validation study supports the generalizability of the Taxonomy of Science Learning Behaviors for college students. This taxonomy has 6 dimensions (Individual Learning, Collaborative Learning, On-Task/Off-Task Behaviors, Communicating with Professor, Attendance/Getting Work Done on Time, and Academic Integrity) and the behaviors students attend to appear to vary according to major.

12 Organized Activity and Job Involvement Across the Adjustment to College
NEHAA HANEED, NICOLE AROLA & AMY BOHNERT, Loyola University Chicago
nhaneef@luc.edu
This study examined whether involvement in organized activities/jobs and whether the importance and identity-relevance of this participation facilitates adjustment to college. Findings indicated that high OA involvement was related to higher optimism and lower negative mood. Results also suggested that those highly involved in important OAs experience fewer depressive symptoms.

13 Academic and Cognitive Deficits of College Students with Learning Disabilities
ROBERT WEIS, DEVANSHI S. UNADKAT & LAURYN N. SYKES, Denison University
weisr@denison.edu
We compared the academic and cognitive ability scores of students with LD across three postsecondary settings. Most students at 2-year public colleges showed normative deficits in academic achievement, cognitive processing problems, and histories of academic impairment. Most students at 4-year public and private colleges earned test scores within normal limits.

14 Understanding Perfectionism and Adjustment in College Students: Examining the Role of Maximizing Motives
NATALIE J. LIN, EDWARD C. CHANG, ABBEY J. HERRINGSHAW, MARISA J. PERERA & VICTORIA V. MARCHENKO, University of Michigan; LAWRENCE J. SANNA, University of North Carolina at Chapel Hill
nataalie@umich.edu
This study examined the relations between perfectionism, standards of performance, and adjustment. Consistent with past research, perfectionism was found to be associated with adjustment. Results of regression analyses indicated that standards alone are not sufficient in developing comprehensive models of psychosocial adjustment in adults. Implications for future research are discussed.
15 Understanding How Rumination Relates to Life Satisfaction in College Students
ABBEY J. HERRINGSHAW, EDWARD C. CHANG, MARISA J. PERERA, NATALIE J. LIN & VICTORIA V. MARCHENKO, University of Michigan; LAWRENCE J. SANNA, University of North Carolina
abbeyjh@umich.edu
This study tested a mediation model between both brooding and reflective pondering and life satisfaction, with negative affect acting as a mediator. Our results did support the notion that negative affect was a mediator, however did not support previous research suggesting reflective pondering was an adaptive component of rumination.

16 Prospective Examination of the Impact of a College Common Book
TIMOTHY K. DAUGHERTY, University of Wisconsin - Stout; MATT HAYES, Winthrop University
daughertyt@uwstout.edu
Many universities encourage new students to participate in a common book program. We sought to replicate our recent finding of impact, using a prospective longitudinal design. Students who read the common book subsequently achieved a higher GPA than students who did not read, even after controlling for verbal aptitude.

17 Advisor Empowerment and Accountability: Implications for Student Success
TRACIE D. BURT & ADENA D. YOUNG, Missouri State University; JOHN W. TINER, Oklahoma State University
tburt@missouristate.edu
Academic advising is a potential point of student engagement with a concerned individual on a college campus. Limited research supports how such engagement encourages student success. This study (N = 611) investigated how advisor empowerment and accountability predicted student success defined by student responsibility, study skills, perceived support, and GPA.

18 Moderating Role of Social Support on First-Year College Student Outcomes
DANIEL A. DICKSON, COLLEEN S. CONLEY, KOONAL A. PATEL & DANIEL CUNNINGHAM, Loyola University Chicago
ddickson1@luc.edu
First generation freshmen college students (FGCSs) have higher attrition compared to non first generation students (NFGCs). The current study explored the role of perceived social support on academic performance among first-year
students and suggests differences in the effect of perceived social support on academic performance for FGCSs compared to NFGCs.

19
The Psychosocial Benefits of Living Learning Programs Students Transitioning to College
CHRISTOPHER W. ZADDACH & COLLEEN S. CONLEY, Loyola University Chicago; NATALIE M. KLEMPEL, Fordham University czaddach@yahoo.com
This presentation reports findings on a multi-wave study of the psychosocial benefits of Living Learning Communities (LLC) for college freshmen. Preliminary findings support the effectiveness of LLC programs aimed at increasing social engagement and support. The impact of LLC programs on students' psychological well-being will be explored and discussed.

20
Tailoring to Personality and Context in Responsible Drinking Messages
LAURA A. BRANNON, VALERIE K. YORK & MEGAN M. MILLER, Kansas State University lbrannon@ksu.edu
We tested anti-binge drinking messages matched to the Person (self-schema) or to the Topic or Values of the message context. Person Matching reduced intentions to drink while staying home, but Topic Matching reduced intentions to drink when going out, suggesting that different factors are important for targeting different drinking situations.

21
Differences in Sexual Behaviors Among Freshmen versus Non-Freshmen
SHALAYNE L. SMITH, DANA F. LINDEMANN, AUDRA L. ADOLPH & SARA A. SMELTZER, Western Illinois University df-lindemann@wiu.edu
This study compared risky sexual behavior reported by freshmen and non-freshmen college students. Participants completed a series of self-report measures related to sexual behavior. Freshmen were more likely to report being in a monogamous relationship and reported fewer sex partners in the past month.

22
Drug Use by College Students with Attention Deficit Disorder
JOSEPHINE F. WILSON & KATHERINE L. ZANE, Wittenberg University dwishart@wittenberg.edu
A survey of 72 undergraduate students indicated that students with ADD do not use nicotine, alcohol, cocaine, hallucinogens, antidepressants, antianxiety drugs, and painkillers at a higher rate than those not diagnosed with ADD. Students with ADD are more likely to use marijuana. More research is needed to examine this effect.
23

**Graduate Students’ Perception of Stress, Engagement, Social Support, and Coping**
ERICKA SCHMITT & CHRISTOPH LEONHARD, The Chicago School of Professional Psychology
ericka.schmitt@gmail.com

Study investigated whether graduate students’ perceptions of stress was correlated with engagement and satisfaction with career and to what degree coping style and social support buffer the effects of stress. Analysis showed inverse relationships between stress and the variables of satisfaction and engagement and social support and coping were moderators.

24

**Mentoring and Job Satisfaction Among Professional Psychology Interns: Is There a Link?**
AMY GIVEN & CHRISTOPH LEONHARD, The Chicago School of Professional Psychology
amy.given@gmail.com

A national sample of Professional Psychology interns (PhD and PsyD) were surveyed to examine whether a relationship exists between mentoring and job satisfaction. Mentoring rates differed among degree type and results suggest functions of mentoring (vocational, psychosocial, and role modeling) vary in their correlation with job satisfaction.

25

**Gender Differences in Family to Work Conflict Among Professional Psychologists**
ALISHA OSCHAROFF, ELIZABETH TUMINELLO, PATRICIA RUPERT & DEMITRA GIANNARAS, Loyola University Chicago
aoschar@luc.edu

This study examines the relationship between home responsibilities, work demands, family-work conflict, work-family conflict, and gender in a sample of clinical psychologists. More hours worked were associated with increased work-family conflict for both men and women. However, more home responsibilities predicted increased family-work conflict only for women
Awards and Recognitions

Recognition of New Fellows
(see list p. 8)

Graduate Student Paper Awards
Matthew P. Kassner  Mia Steinberg
Marla K. Perna  Alexis N. Thompson
Michael Shuster

Funding for Graduate Student Awards generously provided by APA Science Directorate

Minority Student Travel Awards (TBA)
Friday, 3:00  Adams Room
CAREY RYAN, University of Nebraska-Omaha & DONAL CARLSTON, Purdue University, Moderators

MPA Presidential Address
Impressions of Impression Formation
DON CARLSTON, Purdue University
Friday, 3:15-4:15  Adams Room
JANICE KELLY, Purdue University, Moderator

MPA BUSINESS MEETING
Friday, 4:15-5:15  Adams Room

MEETING OF MPA LOCAL REPRESENTATIVES
Friday (Immediately following the Business Meeting)  Adams Room
JUDITH ELAINE BLAKEMORE, Indiana University Purdue University Fort Wayne, Moderator

***SOCIAL HOUR***
Everyone Welcome
Friday, 5:00-7:00  Empire Room
Invited Statistics Workshop
Combining Moderation and Mediation Analysis: An Introduction to Conditional Process Modeling

Saturday, 8:30-10:30  Salon 12
ANDREW F. HAYES, Ohio State University

An overview of moderation and mediation analysis will be followed by an introduction to 'conditional process modeling'--analyses that combine moderation and mediation. Basic concepts in 'moderated mediation' and 'mediated moderation,' the estimation of conditional direct and indirect effects, and the use of popular software packages for conditional process modeling will be described.

Invited Address
From the Physical to the Psychological
JOHN BARGH, Yale University

Saturday, 9:00-10:30  Crystal Room
DON CARLSTON, Purdue University, Moderator
How to Publish Your Journal Article

Saturday, 9:00-10:30

Publishing in established scholarly journals provides important career development for professional, scientific, and academic psychologists. Experienced authors and editors sharing their knowledge of the ins and outs involved in becoming an established author can be invaluable. This session, sponsored by the APA Publications and Communications Board, 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 data for publication. They also illuminate the editorial processes involved in anonymous peer-review of manuscripts and provide guidelines for how reviewer comments should be considered. Beginning authors also receive instruction in what editors really mean in their decision letters and on the differences between various types of “rejection” letters. General support is provided for overcoming rejection in order to persevere in the publication process.

LINDSAY MACMURRAY, APA Journals
THOMAS CARR, Michigan State University
KENTARO FUJITA, Ohio State University

Applications of Psychology in Law & Workplace

Saturday, 8:30-10:15

CYNTHIA WILLIS ESQUEDA, University of Nebraska-Lincoln, Moderator

8:30

Future Behavior is Seen as More Intentional Than Past Behavior

ZACHARY C. BURNS, Chicago Booth; EUGENE M. CARUSO, Chicago Booth; DANIEL M. BARTELS, Columbia University

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Three studies demonstrate that people judge future actions as more intentional than identical actions in the equidistant past. This temporal asymmetry in attribution existed for both positive (donating) and negative (cheating) behaviors, and was most pronounced for actions that were 1) relatively intentional to begin with and 2) emotionally evocative.
Examining the Effects of Changes in Depressive Symptomatology on Eyewitness Identification
KEVIN ROUNDOING, JILL A. JACOBSON & R.C.L. LINDSAY, Queen's University
kevin.rounding@queensu.ca
Using an eyewitness paradigm, this study explored the role of changes in depressive symptomatology over time on facial recognition accuracy. Stable levels of dysphoria were related to greater identification accuracy than were stable nondysphoria, stable depressed affect, and unstable dysphoria although improving depressed affect conferred a slight advantage.

Case Strategy for the Civil Defense Attorney
MATTHEW GROEBE & GAROLD STASSER, Miami (OH) University
groebeme@muohio.edu
This study examines different case strategies (contesting damages or focusing solely on liability) for a civil defense attorney. Presenting a specific rebuttal to the plaintiff's damages recommendation helped keep damage awards low, and it did not hurt the defendant on liability. Large anchoring effects were found.

The Influence of Apology and Prior Record on Criminal Sanctions
JENNA PERKINS & CYNTHIA WILLIS ESQUEDA, University of Nebraska-Lincoln
cwillis-esqueda1@unl.edu
The research examined the effect of apology, prior record evidence, and crime severity on attributions for defendant culpability. A significant apology x prior record evidence interaction was found, as defendants with same crime prior record evidence and an insincere apology were rated the most culpable.

Motivation and Perceived Difficulty in Relation to Dyadic Memory Performance
DEVON A. SCHMIT & VERLIN B. HINSZ, North Dakota State University
verlin.hinsz@ndsu.edu
Participants responded to a dyadic recognition memory task and also measures of perceived difficulty and self-reported motivation. Perceived difficulty was significantly correlated with self-reported motivation but neither quite predicted dyadic memory performance. Differences between the objective and subjective nature of the measures may account for the pattern of these findings.

Organizational Factors in Work-Life Effectiveness and Satisfaction
Supervisor behaviors and organizational policies can affect the attitudes and perceptions of employees. Employee data was used to investigate how support from the organization and one's supervisor relates to increased life and job satisfaction through the mediating effect of reduced work-life conflict. All relationships showed some mediation by work-life conflict.

10:00
Social Capital as a Function of Interethnic Community Service Work Activity
AUGUST JOHN HOFFMAN, Metropolitan State University (Sponsor: MARK STASSON)
august.hoffman@metrostate.edu
The current study explored the relationship between community service work activities (CSW) and ethnocentric ideology and perceptions of the importance of CSW. The results of the study support the hypothesis that ethnically diverse community service work activities not only reduce ethnocentric ideology but also increase the importance of future CSW.

Health Psychology

Saturday, 9:30-10:15
JAMES WIRTH, University of North Florida, Moderator

9:30
The Role of Cardiac Exercise Tolerance and Sleep in Cognition
TRACY HAMMONDS, THERESANNE KEARY, ELIZABETH CASEY & COLLEEN COLE MATTSON, Kent State University; DONNA WAECHTER, Summa Health System; JOEL HUGHES & JOHN GUNSTAD, Kent State University; JAMES ROSNECK, Summa Health System (Sponsor: DAVID C. RICCIO)
thammon3@kent.edu
The National Sleep Foundation in 2003 reported that adults with a diagnosis of heart disease were more likely to experience sleep disorders than their healthy counterparts. This study revealed that sleep duration is a moderator of cognitive function in persons enrolled in cardiopulmonary rehabilitation for heart disease.

9:45
Mixing Energy Drinks with Alcohol Increases the Risks of Drinking
CECILE A. MARCZINSKI, Northern Kentucky University
marczinsk1@nku.edu
Consumption of alcohol mixed with an energy drink (AmED) may be contributing to hazardous drinking in young people. Laboratory evidence is presented that illustrates that the mix of impaired inhibitory control and enhanced subjective feelings of stimulation is a combination that may make AmED consumption riskier than alcohol consumption alone.

10:00
Are Social Anxiety and Depressive Symptoms Related to Alcohol Expectancies and Problem Drinking?
WESLEY D. ALLAN & JACKIE KUHN, Eastern Illinois University
wallan@eiu.edu
Examined the links of social anxiety and depression to alcohol expectancies and drinking in 142 college students. Drinking was predicted by positive and negative alcohol expectancies. Social anxiety and depression were correlated to negative alcohol expectancies, suggesting that these symptoms may play a role in drinking.

Cognition Poster Session
Saturday, 9:00-10:30
Upper Exhibit Hall
JEAN JOHNSON, Governors State University, Moderator

1
Exploring Quantitative Measures of Aesthetic Evaluator Refinement
DUANE LUNDY, JOSH SMITH & KRISTINA HAWKEY, Indiana University East
lundyd@iue.edu
Quantitative refinement measures of judges of music were explored. In Study 1, hundreds of professional music critics' ratings of thousands of albums were analyzed, and markers of individual critic refinement were identified. In Study 2, amateurs' music rating distributions were explored and evaluated in relation to background characteristics.

2
Naturalistic Change Detection Task: Ramifications for Visual Representations
MATTHEW D. RASMUSSEN & KATJA WIEMER, Northern Illinois University
cosmicpun@gmail.com
Three different accounts of change blindness were tested in natural scenes using explicit and implicit measures. Overall, the data are most consistent with the “failure to store” account, regardless of viewing duration. According to this account, individuals are only storing the gist of a scene.
3 The Role of Red and Green in the Priming of Negative Definitions for Ambiguous Words
TAYLOR S. BLAETZ, AMY L. SCHWARTZ & LUKE J. ROSIELLE, Gannon University
rosielle001@gannon.edu
Research has shown the colors red and green are associated with failure and success. The purpose of our research is to determine if this generalizes to negativity/positivity in general. We found that homonyms written in red elicited negative interpretations, whereas homonyms written in green elicited positive interpretations.

4 Bowling Skill: Is it All Just Practice, or Do Cognitive Abilities Play A Role?
DALTON R. MAYNARD, PAMELA S. SMITH, ELIZABETH J. MEINZ, NICHOLAS W. JOHNSON & MOLLY J. BROOKS, Southern Illinois University Edwardsville
emeinz@siue.edu
To investigate the roles of deliberate and non-deliberate practice and cognitive abilities in bowling skill, league bowlers completed measures of practice, perceptual speed, and reasoning. Although cognitive abilities did not predict bowling skill, non-deliberate practice was a better predictor of skill than deliberate practice.

5 The Effects of Visual Cues on the Perception of Weight
DAVID REINHARD, University of Michigan; JESSE CHANDLER, Princeton University; NORBERT SCHWARZ, University of Michigan
davidre@umich.edu
Participants used visual cues when estimating the weight of objects. Specifically, they perceived opaque CD cases as heavier than translucent cases and cases depicting heavy weight cues as heavier than CD cases containing light weight cues. However, this effect only occurred when participants were able to hold the CD cases.

6 Transfer of Recalibration Across Modalities: Feedback on Audition Improves Haptic Perception
DREW H. ABNEY & JEFFREY B. WAGMAN, Illinois State University
jbwagma@ilstu.edu
This experiment investigated whether recalibration of perception of a given object property by one perceptual modality transfers to perception of that same property by a different perceptual modality. The results suggested that there was a complete transfer of recalibration.
7 Novelty Versus Significance: The Isolation Effect with Taboo Words
ROBERT J. NEMETH, DANA E. SMITH, TRINA D. HOWARD & CATRINA R. VANDERAA, University of Wisconsin-Stevens Point
rnemeth@uwsp.edu
An isolation effect experiment was conducted comparing taboo words versus neutral words to differentiate the memory effects of novelty versus significance. Taboo words produced a stronger isolation effect than neutral words and also impaired memory for items immediately following the isolated item.

8 Effects of Domain Familiarity on Accuracy of Judgments of Learning
LINDZI L. SHANKS & MICHAEL J. SERRA, Texas Tech University
michael.serra@ttu.edu
We examined the effect of domain familiarity on the absolute and relative accuracy of participants' JOLs for facts in ten participant-ranked domains. Judgments and recall were linearly related to topic rankings. JOLs were consistently overconfident, but were more overconfident for well-known versus less-known topics. Relative accuracy was unrelated to rankings.

9 Doodling Impairs Memory for Lecture Material
KATIE BROADWELL, ANGELA DUFFY & GREG ROBINSON-RIEGLER, University of St. Thomas
griegler@stthomas.edu
Andrade (2009) found that doodling during a monotonous task substantially improved later recall for presented information. The present study found a negative effect of doodling on memory for information presented via a videotaped lecture. In addition, participants who did not doodle reported being more focused during the presentation.

10 Learning New Vocabulary Through Scaffolding Feedback
KELLIE M. OLSON & SHANA K. CARPENTER, Iowa State University
kelolson@iastate.edu
Participants learned new words by trying to recall their definitions and then receiving as feedback the definition, one example sentence containing the word, two example sentences, or no feedback. Retention was better after receiving the definition, but this also led to faster forgetting of definitions that were initially recalled.

11 Memory for Text In Line With And Counter To Our Preferences
SOPHIA I. ESPINOZA & DAVID N. RAPP, Northwestern University
sophiaespinoza2007@u.northwestern.edu
Readers' preferences for characters and events can influence their comprehension of stories. For example, participants exhibit difficulty processing information that runs counter to what they want to happen in unfolding stories. This experiment investigated whether preferences similarly influence reader memory for stories and the characters they root for and against.

12 Effects of Cue Generation and Retrieval Practice on Complex Learning
KAITLIN M. CROSS & JEFFREY D. KARPICKE, Purdue University
crosskm2@muohio.edu
Students read an educational text and then either reread the text, generated retrieval cues for each concept in the text, or generated cues and then practiced retrieval with those cues. Generating retrieval cues enhanced long-term retention 1 week later, and practicing retrieval with self-generated cues produced even greater positive effects.

13 Declarative and Procedural Memory Abilities and Successful Adult Language Learning
KATHERINE A. BRILL & MANDY FARETTA, University of Illinois at Chicago; FRANCIS WONG & PATRICK WONG, Northwestern University; KARA MORGAN-SHORT, University of Illinois at Chicago
kbrill@uic.edu
This study examines how individual differences interact with implicit language learning. Subjects completed assessments of declarative and procedural memory ability and learned an artificial second language under implicit training conditions. Findings suggest that declarative memory contributes to language learning at low-proficiency stages, whereas procedural memory contributes more at high-proficiency stages.

14 Taking Memory Advice: Incorporating External Cues into Recognition Judgments
DIANA SELMECZY & IAN G. DOBBINS, Washington University in St. Louis
dselmecz@wustl.edu
We assessed how people incorporate external probabilistic mnemonic cues into recognition memory decisions using a novel recognition cueing paradigm (e.g. cue “Likely Old” or “Likely New”). Results revealed that the ability to capitalize on external recommendations during recognition depends on baseline recognition skill, and separately, baseline metacognitive awareness.

15 Auditory Event Related Potentials Capture the Cocktail Party Effect
The purpose of this study was to examine auditory event-related potentials (ERPs) elicited by self-relevant words (e.g., one's own name) even when the listener was not actively attending to that information. Although the average P300 was larger for self-relevant words than for control words, not all participants showed clear P300s.

16
Perceptual Consequences of Task Switching
JIM CLINTON, JEROME SCOTT JORDAN & JOHN COOPER CUTTING, Illinois State University
jaclint@ilstu.edu
The perceived vanishing point of a moving stimulus is displaced beyond the actual vanishing point. This displacement increases as a function of task switching. As one has to actively reconfigure his or her action plans, that effort is taken into account in localization judgments as an economy of action effect.

17
Substance Use Decision Making: Heuristic Processes Over Time
JAMIE O'MALLY, JOAN M. BARTH, JAMIE DECOSTER & JOHN M. BOLLAND, University of Alabama
jamieomally@yahoo.com
We examined three types of heuristic processes used over a period of 3 years by high risk, impoverished adolescents. Unlike many analytical processes which show growth over the ages of 9 to 15 years, our results suggest modest consistency in children's use of heuristic processing over this developmental period.

18
Payment Mechanism Affects Online Purchase Spending
KAM LEUNG YEUNG & BETHANY WEBER, Iowa State University
samyeung@iastate.edu
The present study investigated the influence of payment method on consumer spending in online shopping, where no physical payment was involved. It was found that consumer spending was significantly higher when paid by one-click credit card payment simulation than when paid by either dragging-and-dropping images of cash or numerical tokens.

19
LBS Factorial Generalization and Measurement Equivalence in a Canadian Sample
GARY L. CANIVEZ, Eastern Illinois University; TANYA N. BERAN, University of Calgary
gcanivez@eiu.edu
This sample of 393 randomly selected Canadian youths in grades K-12 replicated the four-factor structure for Learning Behaviors Scale items observed in the standardization sample and in other studies. MANOVA/ANOVA found differences of only small effect sizes between the Canadian sample and U.S. standardization sample LBS raw scores.

20
Cognitive Assessment System: An Orthogonal Hierarchical Factor Structure Investigation
GARY L. CANIVEZ, Eastern Illinois University
gcanivez@eiu.edu
Orthogonal higher-order factor structure of the Cognitive Assessment System standardization sample is reported. Greater portions of total and common variance were accounted for by the second-order, g-factor, but compared to other tests of intelligence, CAS subtests measured less second-order variance and greater first-order factor variance consistent with theoretical expectation.

21
Overcoming Distortions in Political and Health Communication: Mechanisms of Graph Literacy
YASMINA OKAN, University of Granada; MARGO M. WOLLER-CARTER, SAMANTHA SIMON, KAYLEE RUSSELL & SAIMA GHAZAL, Michigan Tech; PAULA PARPART, University College London; ROCIO GARCIA-RETAMERO, University of Granada; EDWARD T. COKELY, Michigan Tech
cokely@mpib-berlin.mpg.de
Graphs communicate important information (e.g., risks). Unfortunately, judgments can be biased when design recommendations are ignored. Using retrospective memory tests and eye-tracking methods, we examine the cognitive processes that mediate susceptibility to two common graph distortions (i.e., modified axes). Stimuli include graphs from actual political news journalism and pharmaceutical advertisements.

22
Age of Second Language Exposure Mediates Inhibitory Function
SARAH A. CHABAL, Northwestern University; SPENCER D. KELLY, Colgate University; VIORICA MARIAN, Northwestern University
schabal@u.northwestern.edu
Forty-eight participants (varied in L2 experience and age of exposure) completed the Simon Arrows Task. Participants with early L2 exposure outperformed participants with late L2 exposure, even with L2 proficiency held constant. This
indicates that bilinguals' age of L2 exposure can mediate their inhibitory function.

23
Cognition, Motor Skill, and Anthropometric Norms: Correlates Among Haitian Children
D. WAYNE MITCHELL, CAITLIN R. VAUGHT, CARMEN BOYD, HELEN C. REID, CASSANDRA M. BURGESS & NICOLE E. FRIEDMAN, Missouri State University; DUSTIN L. BELL, Compassion International waynemitchell@missouristate.edu
Cognitive, motor skill, anthropometric and nutritional assessments were taken on 81 Haitian children. Overall, the children scored significantly lower than the norm on all assessments except for fine motor skills and BMI was related inversely with cognition and school academic scores.

24
Preschoolers’ Performance on Manual and Verbal Interference Control Tasks
WHITNEY FOSCO & DEREK MONTGOMERY, Bradley University (Sponsor: ANTHONY D. HERMANN) amsondag@bradley.edu
This study explored the relationship and developmental trajectory of the day/night task and the grass/snow task, which are verbal and manual variations of interference control tasks for preschoolers, respectively. Younger preschoolers passed the grass/snow task significantly more often than the day/night task, but this difference disappeared with older preschoolers.

25
Boosting STEM-Related Learning and Parent-Child Conversations in a Children’s Museum
PHILIP C. HOFFMAN, ERIN A. WILKERSON, JACQUELINE R. GEDDES & CATHERINE A. HADEN, Loyola University phoffman@luc.edu
We examined the effectiveness of an intervention aimed at improving opportunities for STEM learning for young children. Some families (N = 60 in all) were given building and conversation “tips” they could use while engineering skyscrapers in an exhibit. Results indicate that the intervention increased STEM talk during and after building.

26
Parent-Child Interactions with Objects in a Museum Exhibit: Linkages to Learning Outcomes
ERIN A. WILKERSON, PHILIP C. HOFFMAN, IRIS CHIN, ORHAY MIRZAPOLOS & CATHERINE A. HADEN, Loyola University; DAVID UTTAL, Northwestern University
In an experimental intervention involving 83 children (M age = 4.9) and their parents, we have sought to increase physical engagement with objects and joint parent-child conversations during interactions in a cultural exhibit. We examine linkages between the exhibit interactions and children’s memory for their experience 1-day and 2-weeks later.

27 Parental Gender, Mind-Related Comments and Children’s Theory of Mind Development
BRENDA L. LUNDY, TONY A. TRAN, AMANDA D. GOTSCHALL, MARTIN D. MYERS & MICHELLE I. HUBBLE, Indiana University-Purdue University Fort Wayne
lundyb@ipfw.edu
The frequency of fathers' and mothers' descriptions of their children in terms of mental processes, rather than physical or behavioral characteristics, was explored in relation to children's theory of mind (ToM). The findings suggest a relationship between more 'mind-minded' parents and an earlier emergence of children's ToM.

28 Second Language Learners’ Use of Grammatical Cues
SUSAN GUNDERSEN & K. M. EBERHARD, University of Notre Dame
sgunder2@nd.edu
Beginning and advanced Italian learners were tested regarding their ability to detect three types of grammatical errors in Italian: subject-verb agreement, noun-adjective agreement and an irregular phrase structure. Results show that even less proficient learners focus on cues that are most important in determining the meaning of a sentence.

29 Evaluating Verbal and Nonverbal Inhibitory Control in Spanish-Speaking Preschoolers
SANDRA VANEGAS, Loyola University Chicago
svanegas18@yahoo.com
This study explored the use of standard inhibitory control tasks in a sample of Spanish-speaking preschoolers. The main objective was to evaluate verbal and nonverbal measures of inhibitory control to determine their utility in assessing young children. The findings will illustrate whether measures used with English-speaking populations are adequate in Spanish.

30 The Effects of Figurativeness and Modality on Semantic Processing: An ERP Study
GWENDA L. SCHMIDT, STEPHEN AGAUAS & ELIZABETH MILLER, Hope College
schmidtg@hope.edu
We used event-related potentials (ERP) to examine the N400 (an index of semantic processing) in metaphors and literal sentences. Each sentence had either visual (motion) or auditory qualities. We found different N400 scalp distributions for motion and auditory sentences suggesting different neural instantiations and a supporting sensory-motor view of language.

31
Supporting Reading Comprehension Through the Use of Technology
APRIL D. FUGETT, Marshall University; SANDRA WRIGHT, University of Tulsa
fugett5@marshall.edu
This presentation will provide information regarding the use of technology to improve language development and reading comprehension through digital texts. Further, strategies and techniques to support and conduct small reading groups, such as a book club, will be detailed.

32
Use of Textese in Text Messages: we dont clip r gs.
MICHELLE DROUIN, BRENT DRIVER, KIMBERLY JEWELL, JENNIFER BAATZ, SHEMA BAZAZADEH & JULIE STILLS, Indiana University-Purdue University Fort Wayne
drouinm@ipfw.edu
We examined the prevalence of textese within the last five text messages of 196 college students. Participants used textese relatively often (20% of total words), and a variety of textism categories were produced. We discuss similarities and differences between our findings and recent findings from Australia and England.

33
Do Readers Use Headings to Understand a Text's Purpose?
KRISTIN A. RITCHEY, CYNTHIA LAMBERTSON & MICHAEL S. WARD, Ball State University
karitchey@bsu.edu
One theorized benefit of text signals (e.g., headings) is that they indicate the purpose of the text. Participants' ability to identify a text's purpose was not affected by the presence of informative headings vs. non-informative headings, but their ability to outline the text was aided by informative headings.

34
The Effects of Verb Complexity on Reading Comprehension
LESLIE C. CENTENO & MAYA M. KHANNA, Creighton University
lesliecenteno@creighton.edu
Explicit and implicit memory performance was compared between participants given either complex verb passages or simple verb passages. Explicit memory performance was greater in the simple verb condition than in the complex verb condition, whereas implicit memory performance was similar for both groups.

35

**Editors What’s Wrong To Avoid Learning It: Proofreading as Intervention**
KRISTINE KOHLHEPP, Northwestern University; RACHEL RYSKIN, University of Illinois at Urbana-Champaign; DAVID N. RAPP, Northwestern University
kristinekohlhepp2012@u.northwestern.edu

Readers often rely on what they read, which is a problem when texts contain inaccuracies. In these experiments, participants were tasked with either reading or editing a text containing true and false statements. On a later test, participants who edited were less likely to show a reliance on inaccurate information.

36

**Effects of Signals on Outlining**
HUNG-TAO MICHAEL CHEN, ROBERT LORCH, JONATHAN CHOW, NATHAN CARTER & ROBERT CRISPEN, University of Kentucky
hungtaoc@gmail.com

Signals have been found to affect readers’ text processing strategy. Two distinct types of signals—headings and preview sentences, convey the same content information although their visual presentations are different. This experiment tests how headings and preview sentences affect people's ability to outline information.

37

**Does a Dual Task Exacerbate Fixation in Problem Solving?**
REBECCA H. KOPPEL & BENJAMIN C. STORM, University of Illinois at Chicago
bstorm@uic.edu

Many problems are difficult to solve because old and inappropriate ideas cause fixation, thus interfering with the ability to generate new and appropriate ideas. Using the Remote Associates Task, we examine whether engaging in a concurrent task makes problem solvers more susceptible to this form of fixation.

38

**Costs and Benefits of Simplifying Diet and Exercise Rule Complexity**
JACQUE R. NYENHUIS, EDWARD T. COKELEY & LOUISA D. RAISBECK, Michigan Tech
cokely@mpib-berlin.mpg.de

Ninety-eight percent of all weight loss programs fail (Jeffrey, 2000). Rule complexity has been shown to play an important role in one’s success as simpler rules can improve program adherence. Here, we investigate
cognitive-environmental factors that influence memorability, perceived complexity, preferences for, and estimated efficacy of diet and exercise plans.

39  Belief-Bases Predict Use of Arguments Varying in Evidence and Affective Content  
CARLOS R. SALAS & THOMAS D. GRIFFIN, University of Illinois at Chicago  
carlosrsalas@gmail.com  
The present study examined the relationship between participants' retrospective belief-bases and their current use of belief-relevant information concerning the theory of evolution. Results indicate that belief-bases significantly predict the current use of arguments varying in evidence and affective content, even after controlling for accuracy of prior knowledge.

40  What Constitutes Self Efficacy for Engineering Creativity?  
SUSAN AMATO-HENDERSON, AMBER KEMPPAINEN & GRETCHEN HEIN, Michigan Technological University  
slamato@mtu.edu  
This paper will discuss the design and development of a tool to assess factors associated with creative self-efficacy in engineering students. We have identified four factors that appear to be novel indicators of creative self-efficacy in engineering: Cognitive Challenges, Cognitive Preparedness, Cognitive Approaches, and Impulsivity in Problem Solving.

41  Intelligence, Stereotypes, and Memory Effects: Immediate Tradeoffs and Future Distortions  
ERIC WU, CURTIS D. DOBBS, JONATHAN SCHICK, ANGELA BAAN, MICHELLE EVANS, MICHELLE BEDDOW, ARLO CLARK-FOOS, University of Michigan Dearborn  
acfoos@umd.umich.edu  
This research incorporates conjoint analysis to detect and quantify stereotypes related to intelligence. Using conjoint analysis to compute implied tradeoffs can provide insight into divergences between overt and covert attitudes (Caruso, Rahnev, & Banaji, 2009). A later recall task provides insight on accuracy of memory for social information.
### APA Education Directorate

**G. Stanley Hall Invited Address**  
**Advances in the Understanding and Treatment of Child Psychopathology: A Conceptual Framework and Overview for Teachers of Psychology**  
**REX L. FOREHAND, University of Vermont**

*Saturday, 10:30-12:00*  
*Crystal Room*  
*W. LAVOME ROBINSON, DePaul University, Moderator*

### Invited Fellows Symposium

**Varieties of Attentional Control: Working Memory, Lifespan Changes, and Performance Under Stress**

*Saturday, 11:00-1:00*  
*Salon 6*  
*DAVID A. BALOTA, Washington University, Organizer*

- **Control Functions and Multi-Tasking**  
  RANDALL W. ENGLE, Georgia Institute of Technology

- **Explaining the Development of Working Memory Capacity: What Doesn’t Work?**  
  NELSON COWAN, University of Missouri at Columbia

- **Changes in Attentional Control as an Early Marker for Alzheimer’s Disease**  
  DAVID A. BALOTA, Washington University

- **Famous Story of Performance Under Pressure: Cane versus Abel**  
  THOMAS H. CARR, Michigan State University

### Stereotype Threat: Antecedents & Interventions

*Saturday, 11:00-1:00*  
*Salon 1*  
*TAMERA R. SCHNEIDER, Wright State University, Moderator*

*11:00*  
*Warming the STEM Department Climate: Lessons from the Academy*
STEM faculty completed surveys (N = 252) and interviews (N = 12). Men and women differed in perceptions of department evaluations of their productivity and climate. Women had lower ratings of evaluations of their productivity, sexism, collegiality, and influence, than men. Climate can improve through leadership training and mentoring.

11:15
Science = Alone: Implicit Associations and Women’s STEM Interest
MIA STEINBERG, EMILY K. CLARK, AMANDA B. DIEKMAN, ELIZABETH R. BROWN & AMANDA M. JOHNSTON, Miami University
mia.steinberg@gmail.com
Past research suggests that self-reported beliefs that STEM careers are incompatible with communion may contribute to women's underrepresentation in those fields. We present evidence for an implicit dissociation between science and communion and its different implications for men and women. For women, these associations negatively predict interest in STEM careers.

11:30
Stereotype Threat Inhibits Women’s Mathematical Learning
ROBERT J. RYDELL, MICHAEL T. RYDELL & KATHRYN L. BOUCHER, Indiana University
rjrydell@indiana.edu
This work demonstrates that stereotype threat harms more than just performance because it reduced women's mathematical learning and their ability to generalize mathematical knowledge from a learned task to an equivalent secondary task. Moreover, reduced learning due to stereotype threat could not be accounted for by stereotype threat-based performance decrements.

11:45
Cheating Threat: Stereotype Threat Increases Instances of Cheating
KATHRYN L. BOUCHER & ROBERT J. RYDELL, Indiana University
katbraun@indiana.edu
In this study, women under stereotype threat answered fewer questions correctly on a math test and cheated more often than women not under stereotype threat or men. These findings suggest that women may adopt potentially detrimental strategies in order to avoid confirming the “women are bad at math” stereotype.

12:00
Perceived Power Moderates Stereotype Threat Effects on Women’s Math Performance
KATIE J. VAN LOO & ROBERT J. RYDELL, Indiana University
Being powerless impairs the basic cognitive functions needed for high-level performance. In two experiments, we investigated how perceptions of power modulate the effect of stereotype threat on women's math performance. Low power women showed impaired performance when they experienced threat, whereas high power women's performance was immune to threat effects.

12:15
The Role of Female Exemplars in Changing STEM Attitudes
EMILY K. CLARK & AMANDA B. DIEKMAN, Miami University
clarkek@muohio.edu
Women remain underrepresented in science, technology, engineering, and mathematics (STEM), but women report increased positivity when communal opportunities within STEM are emphasized. These findings suggest that exposure to a female-prototypic scientist can change beliefs about communal goal affordances, and thus elicit more positive attitudes toward STEM careers among communally-oriented individuals.

12:30
Confronting Stereotype Threat: The Motivation to Disprove and Avoid Confirming Stereotypes
ARTHUR NUSSBAUM, University of Chicago, CLAUDE STEELE, Columbia University
davenussbaum@gmail.com
Targets of negative stereotypes face a dilemma when deciding whether to enter a stereotype-relevant situation. They may be motivated to disprove the stereotype, but also to avoid confirming it. Two studies suggest that the motivations are in tension and that reducing the risk of confirming stereotypes will increase disproving behavior.

12:45
Put Your Math Burden Down: Expressive Writing for Math Anxiety
DAEUN PARK, GERARDO RAMIREZ & SIAN BEILOCK, The University of Chicago
daen@uchicago.edu
People with high math anxiety tend to perform poorer in math than people with low math anxiety. We show that when individuals with high math anxiety write about their math-related concerns prior to taking a math exam, they perform similar to individuals with low math anxiety.

Categorization Processes

Saturday, 11:00-12:30
Salon 3
KEITH MARKMAN, Ohio University, Moderator
11:00
Impression Formation and Stigmatization of Others
VINDHYA EKANAYAKE, ERIC WESSELMANN & WILLIAM GRAZIANO, Purdue University
vekanaya@psych.purdue.edu
Stigmatization of the mentally ill is widespread according to the psychological literature. Motivation to control prejudice is important in understanding stigma. We manipulated illness condition (bipolar/blindness) to see if ratings differed between conditions. Results support the hypothesis that greater motivation to control prejudice is associated with less social distance.

11:15
Group Impression Generalization: You're Judged by the Company You Keep
TIMOTHY C. MCCALL, MEGAN K. MCCARTY & DONAL E. CARLSTON, Purdue University
tmccall@purdue.edu
We investigated whether impressions of one group member generalize to other group members. As hypothesized, the more members of a group implicated by a trait-implying description, the more likely that non-implicated group members were viewed as having the implied trait. This effect was most pronounced for positive behaviors.

11:30
Is Racial Bias a By-Product of the Categorization Process?
ARINA GOYLE & JOSHUA CORRELL, University of Chicago
arinag@uchicago.edu
The current research argues that when race does not signify group membership, individuals should not display racial bias, but should favorably evaluate the contextually relevant ingroup. We further argue that this effect should not be attributable to differential attention to or memory of ingroup faces. The results support our prediction.

11:45
Information Processing Differences in Active versus Passive Person Perception
ASHLEY S. WAGGONER & ELIOT R. SMITH, Indiana University
ashwaggo@umail.iu.edu
Person perception research typically examines relatively passive perceivers who receive pre-selected information about impression targets. Two studies provide evidence that unlike active perceivers (who control the information), passive perceivers form impressions early and then switch to quick, confirmatory processing, leading to important differences in the impressions formed by these perceivers.
12:00
Emotion Categories Reflect Affective Trajectories
TABITHA KIRKLAND & WILLIAM A. CUNNINGHAM, The Ohio State University
kirkland.37@osu.edu
Emotion words can provide insight into basic processes. We propose that emotions arise from the interaction of evaluating one's current affective state, predicting changes in the future, and experiencing outcomes following prediction. We demonstrate that emotion labels are reliably differentiated using only simple cues about these affective trajectories through time.

12:15
Once More, with Less Feeling: Neural Recruitment During Cognitive Reappraisal
BRANDY TIERNAN & ROBERT WEST, Iowa State University
brandyj@iastate.edu
We examined the neural correlates of cognitive reappraisal in two experiments. The first experiment explored emotion regulation for three content areas. Using the same paradigm, the second experiment assessed cognitive reappraisal in individuals high and low in reappraisal. We found differential recruitment for content type and tendency to reappraise.

Trauma & Resilience

Saturday, 11:00-12:30
Salon 10
KATHY SEXTON-RADEK, Elmhurst College, Moderator

11:00
Religiosity and Generativity in Well-being of Spinal Cord Injury Survivors
ED DE ST. AUBIN, ABBEY VALVANO, MEREDITH KALIES, MOLLY ARENBERG & STACIA LANDON, Marquette University
ed.destaubin@marquette.edu
Conceptualized as a marker of existential health, GENERATIVITY demonstrated closer links via correlational and regression analyses to PERSONAL and SOCIAL WELL BEING in a sample of SPINAL CORD INJURY survivors than did the salience of RELIGION in one's life. Generativity provides symbolic immortality via engagement in species-sustaining endeavors.

11:15
Stressful Events, Social Support, and Coping Strategies
CHING-I LIN & MELANIE D. HETZEL-RIGGIN, Western Illinois University
ci-lin@wiu.edu
The present study examines the relationship between stressful events, social support, and coping strategies in college students. Specific social support, not general social support, had significant but varying effects on symptoms. Distraction is related to poorer outcomes while people who seek out social support are believed and gain emotional support.

11:30
**Hardiness and Psychosocial Health/Illness in Spinal Cord Injury Survivors**
ABBEY VALVANO, ED DE ST. AUBIN, EMILY URBAN & ANGELINA CICCANTELLI, Marquette University
ed.destaubin@marquette.edu
Indices of psychosocial illness (DEPRESSION, ANXIETY) and health (PERSONAL and SOCIAL WELL BEING) within a sample of SPINAL CORD INJURY SURVIVORS are highly interrelated in the predicted manner. Correlational and regression analyses demonstrate that these four phenomena are highly but differentially related to one's level of HARDINESS, a stable disposition.

11:45
**The Influence of Hardiness on Physical and Psychological Trauma Recovery**
REBEKAH S. M. ANGOVE, Medical College of Wisconsin; ABBEY VALVANO, Marquette University; TERRI DEROON-CASSINI, Medical College of Wisconsin; CARYN BRAKENRIDGE, Marquette University
rangove@mcw.edu
Results of a prospective cohort study to examine concerns about how potential resource loss influenced post-trauma well being. It also examines if general hardiness, a type of resilience wherein one adapts to existential issues, is a significant mediator of post trauma psychological and physical well being.

12:00
**Posttraumatic Growth in Young Black Adults After Hurricane Katrina**
ANNETTE ISKRA & CLAIRE NORRIS, Xavier University of Louisiana
aiskra99@gmail.com
This study compared PTG in 186 students attending a historically black, Catholic university who directly or indirectly experienced Hurricane Katrina (Katrina). Students who were directly affected by Katrina reported significantly higher levels of PTG and significantly more negative belief changes about governmental bodies than students indirectly affected by Katrina.

**Social Psychology Poster Session II**

*Saturday, 11:00-1:00*  
Upper Exhibit Hall

BOB ARKIN, The Ohio State University, Moderator
1 Validation of the Social Competition Personality Scale
ELIJAH BLANTON & GEORGE L. PARROTT, California State University
Sacramento
gparrott@csus.edu
Using a two factor measure of competitive personality orientation, males were shown higher on stereotypical competition (EC) and females who were in sororities scored higher on social competition than general college females. Results confirmed the validity of the EC and SC scales for other applications.

2 The Effect of Social Comparisons on Humor Styles
ROBERT W. PULVERMACHER & LISA FINKELSTEIN, Northern Illinois University
pulvermacher111@yahoo.com
The influence of social comparisons on humor styles is analyzed. Chronic usage of comparisons is found to predict maladaptive humor. Upwards comparisons are found to positively predict self-defeating humor and negatively predict adaptive humor. Results are discussed.

3 The Role of Self-Discrepancies in Depressive Symptoms, Beyond Actual-Self Ratings
ERIN N. STEVENS, EMILY S. SMITH, M. CHRISTINE LOVEJOY & ANDREW CANNELLA, Northern Illinois University
erinsteven@gmail.com
Using the self-discrepancy framework, the purpose of this study was to examine the relation between actual:ideal discrepancies and depression in a college sample after controlling for the level of actual-self positivity. Actual:ideal discrepancies accounted for a significant portion of variance in depressive symptoms after controlling for actual-self positivity.

4 Attachment Orientation and the Relationship Between Affect and Emotion Regulation Difficulties
KYLE W. MURDOCK, ELLEN VALENTA & M. CHRISTINE LOVEJOY, Northern Illinois University
kyle.murdock@gmail.com
The moderating effects of attachment orientation on the relationship between affect and emotion regulation difficulties were examined in a sample of young adults, using self-report measures. Avoidant attachment orientation moderated the relationship between negative, but not positive affect, whereas anxious attachment orientation did not moderate either relationship.
5 Romantic Relationships and the Dimensionality of Affect
KYLE W. MURDOCK & M. CHRISTINE LOVEJOY, Northern Illinois University; CHRISTOPHER P. FAGUNDES, Ohio State University
kyle.murdoc@gmail.com
To evaluate the structure of affect under different conditions, young adults completed the PANAS before and after writing, in detail, about the last time they thought their romantic relationship would end. Positive and negative affect were more highly correlated following the writing exercise, supporting the Dynamic Model of Affect.

6 Multidimensional Assessment of Self Esteem Among Females
ANNE L. STEEL, MIA W. BIRAN & WILLIAM B. STILES, Miami University
steelal@muohio.edu
The study sought to identify specific domains in which self esteem differs between female undergraduate students and adult community members. Students reported lower global self esteem and lower moral, personal, family, and total self concept than adults. Moral self concept mediated the relationship between sample type and global self esteem.

7 Self-Esteem and Changes in Approval Contingencies of Self-Worth
JUSTIN T. BUCKINGHAM, ANDREA M. WEBER, MARIANNE K. RILEY & CHET B. MEINZER, Towson University
jbucking@towson.edu
Students recalled a time when they were ignored, rejected, or accepted before completing Crocker et al.’s (2003) contingencies of self-worth measure. Participants with high self-esteem reduced approval contingencies after recalling being ignored or rejected (relative to control) whereas participants with low self-esteem increased approval contingencies after recalling being ignored.

8 Self-Enhancement Varies by Measurement, Race, Gender, and Facial Attractiveness
MARCEL S. YODER, University of Illinois-Springfield; LARA K. AULT, Tennessee State University
myode1@uis.edu
We used unconfounded measures of self-enhancement (e.g., Kwan et al., 2008) to examine self-views of facial attractiveness using local and generalized measures across race, gender, and attractiveness. Results indicate that estimates of enhancement can vary by measurement technique and are discussed within the local dominance effect (Zell & Alicke, 2010).
The Effects of Minority Allies and Detractors on Self-Evaluations
ETHAN ZELL, University of Illinois at Urbana-Champaign; MARK ALICKE, Ohio University
ezell2@illinois.edu
Participants completed an Internet dating profile. Some were told that the average rating of their profile was negative, but one person rated them highly (ally). Others were told that the average rating was positive, but one person rated them negatively (detractor). Allies but not detractors influenced self-evaluations.

The Ideal Self is Me: Deconstructing the Self-Evaluation Process
COREY L. GUENTHER, KATHRYN APPLEGATE, STEVEN SVOBODA & EMILY ADAMS, Creighton University
coreyguenther@creighton.edu
This study examines the self-evaluation process by exploring whether self-judgment comprises a unique association of self with ideal standards. Eye-tracking analyses reveal that individuals allocate processing priority to ideal standards over normative standards during self-judgment, but show the opposite trend during social judgment. Implications for research on self-understanding are discussed.

Self-Affirmation and the Better-Than-Average Effect
ELIZABETH TIMBERLAKE, EMILY NOLZ & COREY L. GUENTHER, Creighton University
coreyguenther@creighton.edu
The present study investigates the extent to which the better-than-average effect is influenced by self-enhancement motives by exploring whether engaging in a self-affirmation attenuates the effect. As predicted, the magnitude of the BTAE was significantly reduced among participants who first completed a self-affirmation task. Directions for future research are discussed.

Narcissistic Omnipotence and Uniqueness: Promising Measures of the Narcissism Phenotype
PAUL C. STEY, ASHLEIGH RENTERIA, GUANQI HANG & DANIEL LAPSLEY, University of Notre Dame
danlapsley@nd.edu
The psychometric properties of two scales that assess the twin dimensions (grandiosity-vulnerability) of the narcissism prototype are examined. Indices of subjective omnipotence (grandiosity) and personal uniqueness (vulnerability) demonstrated a robust pattern of convergent, discriminant and construct validity in a sample of emerging adults.
Civic Narcissism: A Context-Dependent Measure of Attitudes Towards One’s Country
JEFF BROOKS, PAUL C. STEY, DARCIA NARVAEZ, BRIAN BETTONVILLE & ELIZABETH MULLEN, University of Notre Dame; TONIA BOCK, University of St. Thomas; H. MICHAEL CROWSON, University of Oklahoma; W. PITT DERRYBERRY, Western Kentucky University
pstey@nd.edu
We created a measure of civic narcissism, factor-analyzed to three subscales: Superiority, Dominance, Exceptionality. Undergraduates (n=513) also completed scales of social dominance, conservatism, patriotism, and authoritarianism before or after the 2008 presidential election. McCain supporters scored significantly higher on Superiority before the election whereas the opposite occurred for Obama supporters.

A Cross-Cultural Investigation of the Triandis Individualism-Collectivism Scale
BRANDT SMITH, JAYSON DUBUC, CATHERINE IDEMA & RACHEL WALKER, Grand Valley State University; VASSILIS PAVLOPOULOS, University of Athens, Greece; JOHN ADAMOPOULOS, Grand Valley State University
adamopoi@gvsu.edu
The factor structure of the Triandis (1996) individualism-collectivism scale was investigated in samples of U.S. and Greek university students. The correspondence of four factors was examined using a procedure of target rotations, but only one of the factors approached equivalence. It concerned a desire for competition versus group responsibility.

Burden of the Self: Narcissism and Cortisol in Males
SARA KONRATH, DAVID REINHARD, HEATHER CAMERON, WILLIAM LOPEZ & STEPHANIE BROWN, University of Michigan
wdlopez@umich.edu
Little is known about cortisol levels and their relationship to narcissism in low-stress (i.e. baseline) situations. Participants gave saliva samples and completed the NPI and PANAS. Narcissism was significantly correlated with cortisol in males, r=.40, p=.05. Controlling for mood does not alter the results.

Handedness and Cognitive Rigidity: Strong Right-Handers Report Less Sensation Seeking
STEPHEN D. CHRISTMAN, University of Toledo
stephen.christman@utoledo.edu
Past research has shown that strong right-handedness is associated with increased cognitive rigidity (e.g., decreased persuasability, decreased flexibility in dealing with ambiguous figures, decreased semantic fluency, decreased openness to experience). The current study showed that strong right-handedness is also associated with decreased sensation seeking.

17 Determinants of the Femininity-Pain Relationship: A Person by Situation Analysis
STEPHANIE L. FOWLER, HEATHER M. RASINSKI & ANDREW L. GEERS, University of Toledo; SUZANNE G. HELFER, Adrian College
fowler.sl@gmail.com
We explored the femininity-pain relationship. Dispositional need for affect and femininity were pre-screened and gender roles were primed before a laboratory pain task. Dispositional need for affect and femininity predicted pain reports in the feminine prime condition. Need for affect statistically accounted for the association between femininity and pain.

18 Gender and Closeness Linked to Pluralistic Ignorance in Casual Sex
MICHELLE F. GUTHRIE, Texas Tech University; ANGELA M. BARTOLI, Shippensburg University
michelle.guthrie@ttu.edu
Using an online survey, we investigated and found that gender and relationship closeness were associated with pluralistic ignorance in casual sex. Women's level of pluralistic ignorance depended on the target under evaluation, while men's did not. We explained our results through social role theory and error management theory.

19 Women Have Better Memory for Family Than Men: Anyone's Family!
JEANNETTE M. STEIN-WHITMORE, MICHELLE SWARBRICK, TERRENCE HORGAN & JEREMY SOUTHWORTH, University of Michigan-Flint
whitmore@umflint.edu
We predicted that greater interdependence in self-construal would give women a memory advantage for information shared about family. Participants listened to targets sharing personal information and information about relatives. Men and women remembered personal information equally well. However, as predicted, women remembered more information about the target's relatives compared to men.

20 Correlates of Sexual Role Preference in Gay Men
ALLEN M. ROSENTHAL, HEATHER WALDRON & RENEE ENGELN-MADDOX, Northwestern University
rosenthal@northwestern.edu
An investigation of sex role labels in gay men demonstrated that these labels are meaningfully predictive of actual sexual behavior and are associated with personality characteristics and physical attributes that are not directly related to sexual behavior.

21
An Ecological Momentary Assessment of Positive and Negative Emotion Regulation
JANE HEIY & JENNIFER CHEAVENS, Ohio State University
heiy.jane@gmail.com
In response to the growing field of emotion regulation, this study examined the use of various regulatory strategies in response to both positive and negative emotion through an EMA design. Results show that an assorted usage of both up- and down-regulatory strategies as well as specific strategies directly influence mood.

22
Effects of Emotion Regulation in a Delayed Recognition Task
STEVEN J. BYERS & KRISTY A. NIELSON, Marquette University
steve.byers@marquette.edu
Arousal induced shortly after learning led to enhanced one-hour delayed word retention. Emotion regulation (ER) by reappraisal during arousal also led to enhancement, while suppression reduced mood change and memory enhancement. Results contrast with shorter- and longer-term retention studies, suggesting that ER effects on memory depend on the retention interval.

23
A Test of Two Theories of Alexithymia Using an Emotion Matching Task
H. SOTOZAKI, M. OMURA, J. LEONHARD & S. MCFADDEN, Western Illinois University
h-sotozaki@wiu.edu
Participants scoring low or high on the Toronto Alexithymia Scale-20 completed a computerized go/no-go emotion (happy vs. neutral) matching task to test two theories (interhemispheric disconnection and right hemisphere dysfunction) regarding the neurological basis of alexithymia. The results have implications for future assessment and treatment of alexithymia in clinical populations.

24
Exploring Aspects of Mindfulness and Mood
KARL NELSON, Indiana University Northwest
kagnelso@iun.edu
Undergraduate Psychology Students completed measures of emotional intelligence (TMMS) and current mood (ANAM). Consistent with expectations, higher TMMS scores showed positive relationships with positive mood states and negative relationships with negative mood states. Contrary to expectations, no relationships appeared to exist between TMMS scores and ANAM response times.

25  
Analysis of Shame-Inducing Scenarios Provided by Traditional-Aged Undergraduates
PATRICIA S. WALLACE, Northern Illinois University; GREGORY MANARIK, Adler School of Professional Psychology; KSENIA ALBERT, SAMUEL RUTLEDGE & RYAN TILLMANN, Northern Illinois University
pwallace@niu.edu
Self-generated shame scenarios were collected from traditional-aged undergraduate students. Frequencies of these scenario types were compared with those found on the TOSCA. The results showed a significant difference in these frequencies. The need for a revision to shame assessments is considered.

26  
Influence of Familiarity of Faces on Personality and Intelligence Judgments
ARNE WEIGOLD & SARA N. NATERA, Hiram College; INGRID K. WEIGOLD, The University of Akron; ZACHARY A. OTT & JESSICA L. MOONEY, Hiram College
weigolda@hiram.edu
This study examined perceived familiarity and judgments of personality and intelligence. Two groups of undergraduate students participated; one rated the familiarity of 60 random faces, and the other judged the same faces on Big 5 personality characteristics and intelligence. Results showed familiarity was significantly and positively related to all traits.

27  
Predicting Political Intentions Using Candidate-Specific Affect and Incidental Affect
CAROLYN R. BROWN-KRAMER, Illinois Wesleyan University
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Enthusiasm increases participants' intentions to engage in campaign activity behavior on behalf of their preferred political candidate. However, this enthusiasm need not be specific to the political candidate. Incidental enthusiasm (i.e., enthusiasm that is unrelated to the preferred candidate) was sufficient to produce increased political behavioral intentions.

28  
Terror Management and the Just World Belief
LUKE W. GALEN, CHRISTINA KOUTOUZOS & RACHEL WALKER, Grand Valley State University
galenl@gvsu.edu
This study investigates the relationship between Terror Management Theory (TMT) and the Belief in a Just World (BJW). Previous work suggests that BJW may act as a buffer from existential anxiety. We found that individuals with high BJW, who were reminded of their mortality, increased their endorsement of BJW.

29
Just World Belief, Religiosity, and Attributions of Responsibility for Misfortune
LUKE GALEN, BRITTANI ANDERSON, LISA ELLIS, LONG NGUYEN & AMY VER WEY, Grand Valley State University
galenl@gvsu.edu
When victims of the Haitian earthquake were depicted as Christian more conservative participants found them to be more responsible for their plight. When the victims were depicted as Voodoo, those participants who were more religious and endorsed a stronger belief in the just world attributed more responsibility.

30
Tombstones in the Rocks: Biased Attention to Mortality-Salient Stimuli
JOHN H. YOST & MARK J. SAUTER, John Carroll University
jyost@jcu.edu
Terror Management Theory asserts that humans are motivated to unconsciously suppress thoughts of death. Ironically, the cognitive processes involved in controlling unwanted thoughts may lead to enhanced attention to stimuli related to unwanted thoughts. An attentional bias for morality-salient (e.g., tombstones) vs. nonthreatening (e.g., rocks) stimuli was predicted and supported.

31
The Facilitating and Inhibiting Effects of Existential Threat on Reading Comprehension
TODD WILLIAMS, Grand Valley State University; JEFF SCHIMEL & JOSEPH HAYES, University of Alberta
todd_williams@gvsu.edu
Three studies examined whether mortality salience (MS) would affect learning of information that was either consistent or inconsistent with one's worldview. Results showed that MS facilitates learning of worldview consistent information and inhibit learning of worldview inconsistent information. Furthermore, these effects are limited to information that is perceived as valid.
32 Temporal Distance as a Predictor of Just World Maintenance Strategy Choice
ANNA R. POPE, MOLLY VANDEURSEN & RUTH WARNER & MICHELLE HASAN, St. Louis University
ghostii.anna@gmail.com
The present study examined how temporal distance affects strategy choice for restoring belief in a just world. Participants derogated the victim more, perceived the victim as finding benefits more, blamed the victim less, and viewed the victim more abstractly in a distant victimization condition compared to a recent victimization condition.

33 Responsibility/Blame Attributions as a Function of Victim/Offender Intoxication
THOMAS F. SAWYER, EMILY E. STEWART, ABBY L. ST. GEORGE & JESSICA M. VANDENBERG, North Central College
tfsawyer@noctrl.edu
Participants judged responsibility/blame after reading scenarios of a sexual encounter within which victim intoxication, offender intoxication, and victim emotions were manipulated. Intoxicated offenders were judged less responsible/blameworthy, while victim and offender intoxication interacted to influence victim responsibility/blame. Finally, responsibility/blame attributions were unaffected by the victim's emotional response to the encounter.

34 Team Stupid and Team Evil: Biased Rationality and Motive Attributions
JOSHUA D. WONDRA, GLENN D. REEDER, DANIEL A. HAWK & KYLE W. PEREZ, Illinois State University
jdwondr@ilstu.edu
Past research in our lab has found that conservatives attribute negative motives to liberals, whereas liberals attribute irrationality to conservatives. This study examined conservatives' and liberals' different moral foundations and stereotypes to explain the asymmetrical attributions across three different controversial issues.

35 Where Ostracism Hurts the Most: Being Ignored Vs. Being Excluded
MATTHEW P. KASSNER, ALVIN TY LAW & KIPLING D. WILLIAMS, Purdue University
mkassner@psych.purdue.edu
Traditionally, ostracism has been defined as being both ignored and excluded (Williams, 2007). We propose that these two social forces need to be tested independently. Using immersive virtual reality, we tested the relative effects of being ignored and excluded on mood and basic needs.
36
The Impact of Expectations on Ostracism
HEATHER A. PEASE, University of North Florida; ERIC D. WESSELMANN, Purdue University; JAMES H. WIRTH, University of North Florida; MICHAEL J. BERNSTEIN, Penn State Abington; KIPLING D. WILLIAMS, Purdue University
h.pease@unf.edu
Ostracism, being ignored and excluded, is quickly and painfully experienced. This study examined how expectations of being included affected feelings of ostracism. We crossed whether participants were ostracized or included following a positive or negative social interaction. Ostracism's negative impact was not as severe when expected compared to unexpected.

37
The Ostracism Trajectory: Linking Social Exclusion, Outgroup Categorization, and Dehumanization
MITCHELL M. LORENZ & KRISTINE M. KELLY, Western Illinois University
mm-lorenz@wiu.edu
After being included or excluded by fictitious partners, participants completed measures of outgroup perception and dehumanization. Results indicated that excluded individuals perceived their partners as outgroup members more so than included participants. However, social exclusion was not associated with dehumanization.

38
Assessing Emotional Consequences of Ostracism using Linguistic Inquiry & Word Count
DOROTHEE M. DIETRICH, Hamline University
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This research utilized the program “Linguistic Inquiry and Word Count” by Pennebaker, Francis & Booth (2001) to investigate emotional consequences of ostracism. In the social rejection condition, negative emotion content predominated over positive emotion content, with sadness prevailing over anger. In the social acceptance condition, positive emotion content predominated.

39
Sense of Humor Moderates the Effects of Contagious Laughter
ROBYN WERNBERG, DANIELLE DRASHER, EMMALYNN KELLY & DOROTHEE DIETRICH, Hamline University
ddietrich@hamline.edu
We found that in the presence of a laughing confederate, participants with a strong sense of humor laughed longer than participants with a weak sense of humor whereas laughter was shorter in the control condition in which a confederate didn't laugh, especially for those with a weak sense of humor.
Mere Exposure and Pro-Social Behavior: Can Repetition Facilitate Helping?
ISAIAH F. JONES & HEATHER M. CLAYPOOL, Miami University
jonesif@muohio.edu
The effects of mere exposure are commonly explored with attitudinal judgments. However, there is reason to believe that mere exposure could play a role in demonstrable behavior. Results of one experiment indicate that mere exposure to a social target can elicit helping behavior directed at that person.

Familiarity Increases Approach Tendencies for Ingroup and Outgroup Targets
MEGHAN K. HOUSLEY, Colby College; HEATHER M. CLAYPOOL, Miami University
mhousley@colby.edu
White participants were shown stereotypic White and Black names. Later, repeated and novel names were displayed, and participants chose to push toward or pull away from each using a joystick. Familiar names were approached more than were novel names and this was equally true for White and Black targets.

Parenting Perfectionism as a Predictor of Parental Adjustment
MEGHAN A. LEE, SARAH SCHOPPE-SULLIVAN & CLAIRE M. KAMP DUSH, Ohio State University
lee.3421@buckeyemail.osu.edu
Links between parenting perfectionism and parental adjustment have yet to be established. Data from 182 couples with new infants were used to examine associations between parenting perfectionism, parenting self-efficacy, and parenting stress. Results suggest that societal prescribed (but not self-oriented) parenting perfectionism is associated with poorer parental adjustment.

Neuroticism and Loneliness: The Mediating Effect of Dysfunctional Family Dynamics
JASON W. HART, SHERMAN LEE & ASHLEY PRICHARD, Christopher Newport University (Sponsor: MARK F. STASSON)
jason.hart@cnu.edu
Many college students suffer from loneliness. This study examined the relation between neuroticism, dysfunctional family dynamics, and loneliness in a college population. Consistent with both individual differences and situational models of loneliness, the results suggest that dysfunctional family dynamics partially mediate the relation between neuroticism and loneliness.
44 Driving Stimuli Increases Accessibility of Hostile Cognitions in “Angry” Drivers
SUNDE M. NESBIT, University of Northern Iowa; KEVIN L. BLANKENSHIP, Iowa State University
kevinb1@iastate.edu
This research examined the effect of driving stimuli as primes in the activation of aggressive cognitions. In a lexical decision task, participants high in driving anger responded more quickly to aggressive words when paired with driving than neutral stimuli. There were no differences in primes for nonaggressive words and nonwords.

45 Perception of Risk and Benefit in Urgency
AYCA COSKUNPINAR & MELISSA A. CYDERS, Indiana University Purdue University-Indianapolis
coskunpinara@gmail.com
Predictive value of urgency on risk-taking is moderated by perception of risk for both negative and positive urgency (NUR: $\beta = -.138, p = .001$; PUR: $\beta = -.145, p = .001$), whereas perception of benefit only moderates the positive urgency and risk-taking relationship (PUR: $\beta = .092, p = .034$).

46 A New Mental Illness Stigma Measurement Method: Error Choice
PATRICK MICHAELS & PATRICK CORRIGAN, Illinois Institute of Technology
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Many questionnaires assessing mental illness stigma are susceptible to social desirability effects. A less face-valid method of assessing negative attitudes used in disability research is an error choice test. Preliminary results suggest that adaptation of an error choice test to measure mental illness stigma may have merit.

47 Motivations Behind a Successful Intervention: Drinking Motives Moderate the Benefits of Injunctive Norm Feedback
ERIN E. HILLARD, COLIN R. HARBKE & DAVID J. LANE, Western Illinois University
ee-hillard@wiu.edu
This study investigated drinking motives as a potential moderator of injunctive norm feedback on college students' intentions and willingness to drink. Those who drink to enhance their mood showed the greatest benefit of normative information. In contrast, those who drink to avoid social censure showed the least benefit.
48
Meta-Analytic Evidence for the Malleability of Empathy after Interventions
WENDY GARRARD & SARA KONRATH, University of Michigan
skonrath@umich.edu
Empathy is central to positive social interactions, yet existing research paints a complex portrait of whether to construe empathy as a stable and unchanging disposition or more malleable. This meta-analysis finds evidence for the malleability of empathy in children and young adults within the context of social intervention programs.

49
Content of Expressive Forgiveness Writing and Effects on Forgiveness
KAELA STUART, Luther College; CHRISTINA S. KHOU, Grinnell College; LEAH GATES, Luther College; ASANI SEA WELL, Grinnell College; LOREN TOUSSAINT, Luther College
touslo01@luther.edu
This study examines the qualitative nature of writing about forgiveness. Expressively writing about forgiveness, as compared to a control writing exercise, increases social, affective, and cognitive topics of writing, and these changes positively impact forgiveness levels.

50
Religious Fundamentalism, Threat and Prejudice
THETA GRIBBINS & BRIAN VANDENBERG, University of Missouri - St. Louis
bvanden@umsl.edu
High religious fundamentalist individuals were most prejudiced against those of other religions, who pose the greatest threat to their beliefs. Homosexuals and women are less threatening, and they were also the targets of decreasing levels of prejudice. The evidence supports a hypothesized relation between threat and prejudice for high RF individuals.

51
Religious Beliefs As a Necessary Component of Morality
LUKE FIEDOROWICZ, Waldorf College
luke.fiedorowicz@waldorf.edu
This project investigated people's perceptions of atheists. We found that in general, people perceived the "nonbeliever" target person as being less moral, having more negative personality traits, and being less satisfied with life than the "believer" target person. This project helps to better understand people's perceptions and beliefs about atheists.

52
Development of Faith, Pseudoscience Belief, and Critical Thinking

170
Students were surveyed to examine the relationship between religiosity, Bible knowledge, belief in pseudoscience, need for closure, and dialectical, post-formal reasoning. Reflective judgment appears both trainable and maturational, and covaries with religiosity but not Bible knowledge. Correlates of pseudoscientific belief remain elusive.

53  
Identifying the Dimensions of Religious Identity and Motivations  
AMANDA ELBASSIOUNY, DEBBIE VAN CAMP & LLOYD SLOAN, Howard University  
amandae19@gmail.com  
Can religious identity be experienced as an individual identity, a social identity, or both? This issue was investigated while establishing a scale measuring these dimensions. Factor analysis revealed at least two orthogonal identity components and some social benefit components that differentially correlated with previously established religiosity measures as predicted.

54  
The Relationship Between Religious Coping Methods and Depression  
QUENTIN L. STUBBINS, Andrews University  
stubbins@andrews.edu  
The present study examined the relationship between self-reported religious coping methods and depressive symptoms in undergraduates. A significant difference was found that the non-depressed group engaged in less negative religious coping behaviors than the depressed group. Sense of meaning, prayer, and negative religious/spiritual coping were discovered to have a significant relationship with depression.

55  
Intensity of Group Identification Is Non-Monotonically Determined by Reasons for Not Liking the Ingroup  
SCOTT FRANKOWSKI & ANCA M. MIRON, University of Wisconsin Oshkosh; GIUSEPPE PANTALEO, San Raffaele University of Milan, Italy; MARK A. FERGUSON, University of Calgary  
franks98@uwosh.edu  
Compared to a control condition, feelings of group identification decreased in response to a small reason for not liking the ingroup, increased with the importance of the reason, and decreased when the reason was very important. Justification of the ingroup's negative actions and feelings of pride showed similar cubic effects.
56
The Motivating Effect of Standards of Injustice on Pro-Environmental Behavior
ANNE D. HERLACHE & ANCA M. MIRON, University of Wisconsin Oshkosh
mirona@uwosh.edu
Confirmatory standards of injustice are defined as the amount of evidence needed to arrive at the conclusion that injustice has occurred. Participants who set lower standards of injustice when judging their ingroup's anti-environmental actions experienced more collective guilt and, as a result, expressed greater willingness to engage in pro-environmental behaviors.

57
The Ironic Effects of Stereotype Suppression: Becoming Prejudice While Trying To Be Egalitarian
FRANCINE KARMALI & KERRY KAWAKAMI, York University
fri@yorku.ca
The present research tested stereotype suppression and the notion of the rebound effect. We hypothesized that attempts to suppress stereotypes may ironically cause more stereotyping on a subsequent measure of automatic bias but succeed in reducing stereotypes on a more controlled measure of bias. The results supported our hypothesis.

58
Depression as a Moderator of Dissonance Effects
DANIEL R. STALDER & KYLE M. ANDERSON, University of Wisconsin-Whitewater
stalderd@uww.edu
We investigated the relation between depression and cognitive dissonance. Using a role-play hypocrisy-induction paradigm, only high-depressed (and not low-depressed) participants exhibited the expected dissonance effect (possibly due to less trivialization in the high-dissonance condition). Depression also predicted greater trait indecisiveness and preference for consistency, consistent with a positive depression-dissonance relation.

59
A Brief Training Session Improves Detection of False Smiles
JENNIFER WINQUIST, RYAN ABRAHAM, PAUL ALLISON & NATE KEISER, Valparaiso University
jennifer.winquist@valpo.edu
Participants were exposed to a 3-minute training presentation on distinguishing between false and genuine smiles or a bogus training presentation. Prior to training participants indicated whether each of 10 videos of smiles were false and watched 10 new videos after training. Performance improved after training, but not after bogus training.
Multimodal Classical Conditioning and Fear of Flying
JANICE HAWKINS-GILLIGAN & JUDITH A. DYGDON, Roosevelt University; ANTHONY J. CONGER, Purdue University
jdygdon@roosevelt.edu
Flying fear did not perform like other learned fears in this multimodal classical conditioning test. Results support the claim that flying should be considered as a setting which contains a variety of biologically significant stimuli and functions more like a UCS than the CS it is commonly believed to be.

Talking and Texting While Driving: The Empire Strikes Back
DONALD E. JACKSON, JOHN R. KNAPP & PAMELA LANDAU, Eastern Michigan University
bamadonj@aol.com
213 college students anonymously completed a 30-item risky behavior questionnaire. Results indicated that talking and texting while driving were significantly related. Texting while driving was also significantly related to several other risky behaviors involving sexual, drinking, and driving behaviors. Each state's laws restricting texting and driving were presented.
Invited Address
Importing Memory Principles to Education: Improving Learning and Instruction
MARK MCDANIEL, Washington University at St. Louis
mmcdanie@artsci.wustl.edu
Thursday, 10:00-11:00 Crystal Room
DANIEL CORTS, Augustana College, Moderator

I will consider some key constructs identified in basic memory research such as the total-time hypothesis, elaboration, transfer-appropriate processing, and the mnemonic effects of retrieval. I develop concrete translations of those constructs for educational settings, and discuss our research that evaluates how these translations fare in improving learning and retention of authentic educational material and course content. This research includes experiments conducted in college and middle school settings.

Symposia
Thursday, 11:00-11:50 Salon 4
You’re Not That Special! Why We Should Not Use Learning Styles to Explain Student Learning.
KIMBERLY M. CHRISTOPHERSON & AMANDA MARTENS, Morningside College
christopherson@morningside.edu
This symposium will identify many commonly-held beliefs about learning styles and will compare these to research present in cognitive psychology. It is hoped that this information will convince educators to move away from a language of learning styles and move to a language of cognitive science to explain student learning.
Preparing Students for Work: Treating Courses as Jobs
KRISTIE L. CAMPANA, Minnesota State University, Mankato; JAMIE J. PETERSON, St. Catherine’s University
kristie.campana@mnsu.edu
Given the lack of new graduate workforce readiness reported by organizations and recent alumni, we propose framing the course as a job. We present materials used to frame two courses (a survey of I/O course and a psychology career exploration course) as jobs, as well as student attitude survey results.

Invited Address
Teaching Biological Psychology
JAMES KALAT, North Carolina State University
Thursday, 12:00-1:00
Crystal Room
BETSY MORGAN, University of Wisconsin - LaCrosse, Moderator
At “teaching of” sessions, we often talk about what we teach or what students learn, but less often about what they will remember in the long run. At a minimum, we should relieve our students of serious misconceptions about the nervous system, even in a one-week presentation during introduction to psychology. This session will explore some of the major ideas in biological psychology, the points that should not get lost while students struggle to remember all the details.

Symposia
Preliminary Report from The Capstone Project for Undergraduate Psychology
E. JEAN JOHNSON, Governors State University; DREW C. APPLEBY, Indiana University-Purdue University Indianapolis; WENDY CLOSE, Wisconsin Lutheran College; MARY E. KITE, Ball State University; PATRICIA A. MARSH, University of Central Missouri; JAMIE J. PETERSON, Saint Catherine University, AL TUSKENIS, Governors State University; KRISTIN WESNER, Clarke University
j-johnson@govst.edu
There is limited research regarding the effectiveness of capstone experiences in undergraduate psychology programs. We formed an intercollegiate research team and will present preliminary results from our online survey regarding capstone experiences in undergraduate psychology programs as well as plans for future research efforts on this topic.
Thursday, 1:00-1:50
Learning to Use the Tools of a Psychologist in Psychology 100
JESSICA GARRETT, The Ohio State University
garrett.86@osu.edu
In this action-research I investigate the effectiveness of incorporating a lab component into my introductory psychology curriculum. By comparing quantitative and qualitative data from two course sections taught without modification to three with the new curriculum, I aim to determine if the new curriculum is more effective in teaching basic methodology, fostering engagement, and improving grades.

Thursday, 2:00-2:50
Teaching and Evaluating a Career Planning Course for Psychology Majors
MEERA KOMARRAJU & JANE SWANSON, Southern Illinois University Carbondale; DREW APPLEBY, Indiana University-Purdue University Indianapolis; JAMES H. THOMAS & CYNDI R. MCDANIEL, Northern Kentucky University
meerak@siu.edu
We will describe a one-credit course in “Career Planning for Psychology Majors” at three different universities and the methods used to evaluate its effectiveness. Our results reveal positive course evaluations along with changes in career exploration and decidedness, perceived and actual career-related knowledge, and career decision-making self-efficacy’s association with motivation.

Thursday, 2:00-2:50
How to Best Facilitate Service-Learning in a Psychology Classroom
VILMARIE FRAGUADA, JAMIE DUSOLD, THOMAS MALIA, CHRISTOPHER BALTHAZAR & STEVEN A. MEYERS, Roosevelt University
vfraguada@roosevelt.edu
We present best practices for designing and implementing service learning projects in psychology classrooms to maximize learning across multiple domains. Concrete examples of successful service learning projects that have been used in the classroom will also be discussed.

Workshop
Thursday, 3:00-5:00
Helping Undergraduates Prepare for the Workplace
PAUL HETTICH, DePaul University
phettich@depaul.edu
This two hour interactive workshop for teachers and students addresses: Expectations (economic realities, employer dissatisfaction with skills, pre-graduation hiring, career satisfaction, the "meritocracy hypothesis"); Employee challenges (organizational culture differences, skills employers seek,
behaviors leading to promotion and termination); and Recommendations for students and teachers (skill building activities and assessment, etc.).

Symposia

Thursday, 3:00-3:50
Teaching Ethics and Values in Undergraduate Psychology
ALBERT TUSKENIS, JEAN JOHNSON, CHRISTOPHER DYSLIN, CRYSTAL BLOUNT & MATTHEW COVIC, Governors State University
a-tuskenis@govst.edu
Aiming for “authentic” teaching, we teach ethics and values in separate courses that include other learning goals such as writing skills and sociocultural awareness. We will present learning activities and assessment instruments from our ethics and values courses and suggest ways to incorporate these learning objectives across the psychology curriculum.

Thursday, 4:00-4:50
Didn’t You Read the Instructions? Preparing Materials to Increase Student Comprehension
SUSAN J. SHAPIRO, Indiana University East
sjshapir@iue.edu
Students often fail to complete assignments correctly because of their failure to read instructions or find key information in a syllabus or assignment. The research provides guidelines for structuring text using formatting, bullet points, grammatical structure, and examples to create documents that are brief, well organized, and easy to comprehend.
Invited Address
Seven Practices of Excellent Teachers
WILLIAM BUSKIST, Auburn University

*Friday, 8:30-9:30*  
*Crystal Room*

MEERA KOMARRAJU, Southern Illinois University Carbondale, Moderator

Over the past dozen years, I have studied the habits and practices of master teachers, using face-to-face interviews, surveys, and when it was possible, observation of their teaching and discussion with their students. From this research, I have distilled seven principles common to these outstanding teachers. Although all master teachers possess these qualities, each teacher differs with respect to how these principles are manifested in the classroom. I will review each of these principles, explore some of the data that support them, and suggest ways that we might apply them to understanding our teaching and improving it.

Invited Address
Goodbye Dr. Chips, or When Will College Professors Be Required to Teach No Courses?
LUDY T. BENJAMIN, JR., Texas A & M University

*Friday, 10:30-12:00*  
*Crystal Room*

REGAN A.R. GURUNG, University of Wisconsin - Green Bay, Moderator

This partly autobiographical odyssey of 40 years explores the nature of college teaching in the United States from a time when the job of college professor was consistently ranked as one of the most prestigious of occupations to the current negative views of academics as lazy, elitist, and overpaid. Public funding of higher education has declined consistently over the past several decades, and the public perception of the professoriate is perhaps at its lowest point. Is this the end of the golden age of higher education or can lost respect be reclaimed?
Symposium
Friday, 12:00-12:50  Salon 4

Students’ Knowledge about The Ethics of Teaching
ALLEN H. KENISTON & BLAINE F. PEDEN, University of Wisconsin – Eau Claire; DAVID CARROLL, University of Wisconsin – Superior
kenistaho@uwec.edu
Students’ knowledge about the ethics of teaching may influence instructors’ practice of ethical teaching. We will review old research and new data from two regional state universities and discuss the opportunities for and challenges to ethical teaching that students present.

Roundtable
Friday, 12:00-12:50  Salon 9

Teaching Off the Track: A Roundtable Discussion on the Perils and Pay-Offs of Graduate Student Teaching and Adjunct Teaching
ASIA A. EATON, Florida International University; MATT PATTON, Illinois Institute of Technology; SHANNON HEALD, University of Chicago
aeaton@fiu.edu
In this roundtable discussion, three early-career psychologists with extensive experience as graduate instructors, adjunct lecturers, and visiting faculty discuss the personal and professional challenges of teaching “off the track,” and the tools and strategies they used to meet these challenges while gaining experience to achieve long-term career goals.

Symposium
Friday, 1:00-1:50  Salon 4

Paying It Forward: Upper-Division Psychology Students Leading General Psychology Labs
JAMIE J. PETERSON, JENNIFER L. COOPER, ANDREA M. OLSON, STACY COLEMAN SYMONS, ANNA MYHRE, AMBER TALBERG, MELISSA ROHS & NANCY MACK, St. Catherine University
jjpeterson@stkate.edu
Talented upper-division undergraduate students have been leading a General Psychology lab at our institution for over ten years. This presentation will describe our General Psychology model and how it benefits all students – both those teaching and being taught – by enhancing students’ scientific literacy, research, critical thinking, speaking and collaboration skills.

Roundtable
Friday, 1:00-1:50  Salon 9

Promoting and Recognizing Excellence: Advising a Student Psychology Club/ Honor Society
HEATHER LACOST, Waubonsee Community College
hlacost@waubonsee.edu
The purpose of this participant idea exchange is to offer a forum for current advisors and prospective advisors to talk about the benefits created for students and faculty through the advising of student psychology groups and honor societies. Participants will share best practices for starting a club/chapter, managing a club/chapter, developing leadership, facilitating research projects, attending conferences, participating in community service, and other topics as generated by the group. Also discussed will be some of the challenges of advising and suggestions for overcoming those challenges.

**Symposium**  
*Friday, 2:00-2:50 Salon 4*

**Guidelines and Interactive Discussion about Conducting Psychology Experiments Online**  
BLAINE F. PEDEN & BENJAMIN Z. DOMASK, University of Wisconsin Eau Claire  
pedenbf@uwec.edu

Psychologists increasingly conduct research online. We present guidelines for online experiments that replace outdated resources. Our online studies obtain large samples in less than a week and participants report favorable experiences and impressions of the discipline and willingness to do online studies again. We will encourage interaction with the audience.

**STP Creative Classroom and Teaching Pedagogy Poster Session**  
*Friday, 1:00-2:45 Upper Exhibit Hall*

DONNA DAHLGREN, Indiana University Southeast, Moderator

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.

**26 Counterfactual Thinking in the History of Psychology Course**  
DAVID W. CARROLL, University of Wisconsin-Superior  
dearroll@uwsuper.edu

Students in a history of psychology course wrote essays on counterfactual events. Compared to an assignment to analyze an historical figure, counterfactual assignments included more references to tentativeness, more auxiliary verbs, and more future references. The counterfactual assignment appears to promote a different form of thinking than more traditional assignments.
27
“I’ll Never Forget ‘What’s His Name’ From my Psych Class.” What Do Students Really Remember from Their Survey Course? Part II
DIANNE R. MORAN, Benedictine University
dmoran@ben.edu
The present investigation examined the relative benefits of four methods of test feedback on long term retention of material learned in a survey course.

28
A Preliminary Evaluation of the Effect of Media Exposure on Narcissism
DONELLE A. WILKIN & E. JEAN JOHNSON, Governors State University
j-johnson@govst.edu
Previous research cites increases in narcissism in birth cohorts. Examination of preliminary results on the narcissistic reaction of young adults when exposed to various types of media.

29
A Little Humor Goes a Long Way: An Investigation of Instructor's Humor Use on Learning in the Classroom
AMY M. GARCZYNSKI, JANA HACKATHORN, RACHEL E. TENNIAL, KATHERYN BLANKMEYER & ERIN D. SOLOMON, Saint Louis University
agarczyn@slu.edu
The current study sought to determine if humor can be an effective teaching tool that increases student learning. Results indicate that, overall, using humor is more effective for student learning than not using humor in the classroom, and humor was most effective for Bloom’s comprehension level questions.

30
Should PowerPoint Slides Display Only Pictures?
KATHRYN L. HAMILTON, University of Wisconsin – Stout; ALLEN H. KENISTON, University of Wisconsin – Eau Claire; ANDREW P. CLEMENS & DANIEL P. WALENSKI, University of Wisconsin – Stout; AMY K. THOFTNE & KATIE M. IMMERFALL, University of Wisconsin – Eau Claire; KELSEY KONIAR, University of Wisconsin – Stout
hamiltonk@uwstout.edu
Instructors believe PowerPoint aids retention and understanding of their presentations. Experimental data and critics suggest otherwise. We are examining whether text plus pictures enhance lecture efficacy. Pilot data indicate the combination is not effective. A factorial study will test whether pictures interact with text to promote lecture retention and comprehension.

31
Factors that Influence Exam Meta-Cognitive Judgments of Scores
LESLEY G. HATHORN & JOHN M. HATHORN, Metropolitan State College of Denver
This study showed that when students were asked to estimate scores for each question on an exam, they significantly overestimated their scores. Even when provided with feedback, they continued to overestimate subsequent examination scores. Students, however, did adjust estimates according to the difficulty of the question.

32  
**Foundation for Success in Integrating Writing, Research, and Service**  
ANNE KELLY, Dakota Wesleyan University  
ankelly@dwu.edu  
A course is described in which students identify and implement a local or regional service-learning project and complete a related research project in order to learn how research can be used to understand human behavior and carry out a service-learning opportunity and to learn APA-style writing and formatting requirements.

33  
**Learning by Doing: An Empirical Study of Active Teaching Techniques**  
ERIN D. SOLOMON, JANA HACKATHORN, RACHEL E. TENNIAL, KATHERYN BLANKMEYER & AMY M. GARCZYNSKI, Saint Louis University  
esolomo2@slu.edu  
The current study sought to examine the effectiveness of four teaching techniques (lecture, demonstrations, discussions, and in-class activities) in the classroom. Although results showed that information taught using in-class activities had the highest scores on quiz questions, each teaching technique was shown to be effective for certain levels of Bloom’s taxonomy.

34  
**Connecting Students to the History of Psychology**  
ANDI LASSITER, Minnesota State University, Mankato  
andrea.lassiter@mnsu.edu  
This poster will display the successful implementation of a research-based project into an undergraduate history of psychology course. Students conducted a variety of projects on local insane asylums. Course feedback indicates these projects helped students connect to local history and created more interest in both the course and their major.

35  
**Professionally Themed What to Wear/Not to Wear Fashion Show**  
LAURA PAWLOW, Southern Illinois University Edwardsville  
lpawlow@siue.edu  
This activity was developed for a Careers in Psychology course to highlight the principles of professional dress in an engaging, hands-on, and humorous way.
Students participated in a fashion show as either appropriately or inappropriately dressed models. Outcome data suggest that the students both enjoyed and learned from the activity.

36
The Use of Problem-Based Learning (PBL) to Understand and Apply Learning Theory in an Educational Psychology Classroom
NICOLE RIVERA, North Central College/Northern Illinois University
nicolelrivera@hotmail.com
Undergraduate learners often struggle with the application of theories. A Problem-Based Learning (PBL) project was implemented in an educational psychology classroom to promote application of learning theories. Students worked in small groups across several class sessions to apply concepts from theories to support a learner profile selected by the group.

37
Outcomes of a New Capstone Course in Undergraduate Psychology
JENNIFER MIROBALLI, E. JEAN JOHNSON, CHRIS W. DYSLIN & AL D. TUSKENIS, Governors State University
jmiroballi@mail.govst.edu
a-tuskenis@govst.edu
Examines outcomes from a new capstone course in an undergraduate psychology program at a university. In response to the APA call for explicit “capstone” experiences, we developed a new capstone course. This poster will present preliminary results regarding the outcomes of the course.

38
Memorial University’s High School Liaison Program
MICHAEL F. SHERRICK, Memorial University of Newfoundland
sherrick@mun.ca
Recognizing the special needs of students from small schools in rural areas, every April faculty from Memorial University meet with students in their schools on a one-on-one basis. Professors converse with students about their concerns, and help them develop a list of courses for which they will register.

39
No Cost or Benefit from Frequent Online Quizzes Compared to Traditional Exams
JEREMIAH D. STILL & MARY L. STILL, Missouri Western State University
jstill2@missouriwestern.edu
Studies suggest increasing the number of study sessions improves long-term comprehension, but many students study only once before an exam. We attempted to modify study behavior by increasing test frequency. Although neither long-term comprehension nor study times increased, it was shown that online quizzes were as effective as in-class testing.
Remembering to Remember: Prospective Memory in College Students
DAVID S. KREINER, RYAN M. JOHNSTON, JESSICA L. MATHIS & MATTHEW W. HONEYCUTT, University of Central Missouri
kreiner@ucmo.edu
We asked psychology students to report on their prospective memory failures and the strategies that they used to remember to carry out intended academic actions. High proportions of students reported forgetting to complete activities such as assignments. Prospective memory performance could be improved by educating students about effective strategies.

Qualitative Student Responses to Service Learning with Veterans who are Homeless
LINDSAY A. PHILLIPS, Albright College
lphillips@alb.edu
This poster will present a description of a service learning activity in which students assisted veterans who are homeless. I will present how the event was organized, provide resources for implementation, discuss student response, provide materials used for student education, and discuss ethical considerations made in organizing such an event.

Using Peer Review of Writing in Psychology Classes
DEBORAH FINKEL, Indiana University Southeast
dfinkel@ius.edu
Abstract: Peer review of writing was incorporated in a capstone course in which students conducted research and wrote APA style papers. In-class peer review provided an option for clarifying APA style with the instructor. Pre- and post-surveys indicated that students developed a more positive opinion of peer review through the process.

Teaching Scientific Thinking About Psychology with the Decoding the Disciplines Method
ELENI PINNOW, University of Wisconsin-Superior
epinnow@uwsuper.edu
The current study examined a new approach to teaching Introductory Psychology students to formulate scientific questions and methodologies. After being taught using the Decoding the Disciplines approach, students’ created better hypotheses, operational definitions and identified variables more accurately than students in the control condition (lecture only).
44
Ogres are Like Onions: Using Shrek to Teach about Stigma
KALA J. MELCHIORI & ROBYN K. MALLET, Loyola University Chicago
kmelchiori@luc.edu
We used clips from Shrek to reinforce difficult concepts covered in traditional
classroom lectures and to enhance student receptiveness to sensitive material.
After viewing and discussing several movie clips related to stigma, prejudice,
and discrimination, students rated the activity as enjoyable and a useful lecture
supplement.

45
Creatively Combining Vocabulary Building and Humanitarian
Contributions
PATRICIA A. MARSH, University of Central Missouri, AMANDA DEVAUL,
University of Western Ontario; JENNIFER SEELEY, University of Central
Missouri
pmarsh@ucmo.edu
Students completed three separate vocabulary tests while engaging in a 3-week
online vocabulary training program, which also donated rice to the World Food
Program. Repeated measures analysis showed that students’ “best” scores
significantly improved by the end of the training, $F(2, 64) = 3.55, p = .034$.

46
We Love Having You Here – But 4 Years is Long Enough: Activity to
Promote Graduation of Psychology Majors
DIANE E. WILLE, Indiana University Southeast
dville@ius.edu
There is increasing pressure on universities, due to limited resources, to
condense students’ tenure. A series of activities were designed to provide
psychology majors with increased knowledge about degree requirement and
provide a framework to develop a 4-year graduation plan to meet their career
goals.

47
Enhancing Critical Thinking in a Research Methods Class
EMILY STARK, Minnesota State University, Mankato
emily.stark@mnsu.edu
I present activities designed for a Research Methods class to enhance students’
critical thinking abilities, including direct assessments of critical thinking both
before and after the course. These activities asked students to identify media
presentations of science and pseudoscience, and to apply scientific reasoning to
situations relevant to their lives.
Narcissism, Entitlement, Self-Efficacy and Student Performance: Profile of a Regional Campus
NICOLE M. OSTOVICH, Kent State University, KAREN LARWIN, Youngstown State University, WILLIAM CLARK & SUSANNE M. MEEHAN, The University of Akron-Wayne College
nicoleostovich@gmail.com
The relationships between student academic performance, sub-clinical narcissism, academic entitlement, and academic self-efficacy were examined. Higher class standing (more semesters in attendance) was associated with higher entitlement and lower self-efficacy and performance. We will discuss alternative explanations for this outcome and suggest strategies to assess and mitigate these effects.

Vocational Choices of Psychology Majors Completing a Career Planning Course
JAMES H. THOMAS & DEMELZA R. YOUNG, Northern Kentucky University
thomas@nku.edu
A required course in “Career Planning for Psychology Majors” describes and encourages students to consider a variety of vocational options. Analysis of final papers showed that, consistent with course goals, students’ career choices included 8 different areas of psychology, 22 separate helping professions, and 9 types of business careers.

Great Expectations: Student Identity and Beliefs about Intelligence
MEERA KOMARRAJU, COREY TINCHER, ALEN AVDIC & TYRAND WILLIAMS, Southern Illinois University at Carbondale
meerak@siu.edu
Meeting college student expectations is vital in increasing their satisfaction and commitment. Our study of 121 students suggests that their’ identity orientations [being a student is central to their identity] and beliefs about intelligence [intelligence can be changed] explain 51% of the variance in expectations about college being fulfilled.
Symposium
Prevention Programs for College Students: Attending to Our Campus Communities
Friday, 8:30-9:20 Indiana Room
COLLEEN S. CONLEY, Loyola University Chicago, Session Organizer
LEONARD A. JASON, DePaul University, Discussant
JOSEPH DURLAK, ASHLEY ROLNIK, DANIEL DICKSON, LEA TRAVERS, SARAH WILSON MERRIMAN, CHRISTOPHER ZADDACH, TARA SULLIVAN, Loyola University Chicago

Roundtable Discussion
Approaches to Community Consultation
Friday, 8:30-9:20 Kimball Room
LIEZL ALCANTARA, LINDSEY BACK, DIANA LEMOS, ROBERT GUTIERREZ, DePaul University, JUDAH VIOLA, National-Louis University

Roundtable Discussion
Culture/Diversity Courses: What to Cover? What do Students Learn?
Friday, 8:30-9:20 Logan Room
TINA TAYLOR-RITZLER, Dominican University, Session Organizer
FABRICIO BALCAZAR, YOLANDA SUAREZ-BALCAZAR, University of Illinois at Chicago
RICHARD RENFRO, DePaul University
Symposium
Understanding the Needs of Women, Ex-Offenders, and People of Color in Substance Abuse Recovery
Friday, 9:30-10:20 Indiana Room

ELBIA NAVARRO, DAISY GOMEZ, SANDRA RODRIGUEZ, GILBERTO PADILLA, RICHARD ALBERT, JULIA DIGANGI, LAURA SKLANSKY, FRANK PONZIANO, RICHARD CONTRERAS, JOCELYN DROEGE, SAMANTA BODDAPATI, BRONWYN HUNTER, CAROLYN ELLIS, LARONDA STALLING, LISA WALT, JESUS CHAVARRIA, HILARY RUNION, JO ELLYN WALKER, ERIN THOMPSON, RORY MURRAY, STEPHANIE MAREZ, CHRIS BEASLEY, ELIAS KINOTI, ED STEVENS, RON HARVEY, RAY LEGLER, LEONARD A. JASON, DePaul University

Symposium
Blending Spiritual and Organizational Approaches to Community: Qualitative/Quantitative Assessments
Friday, 9:30-10:20 Kimball Room

JOSEPH R. FERRARI, DePaul University, Chair
NATHAN TODD, DePaul University, Discussant
SHANNON M. WILLIAMS, TODD L. BOTTOM, ANGELA M. KOENIGS, KATHLEEN E. MCAULIFF, VICKY S. KARAHALIOS, VINCENT MAMMANA-LUPO, CHRISTOPHER LYONS, CAROLINE ANTLER, DePaul University

Roundtable Discussion
Multiple Perspectives on the Spinal Cord Peer Mentoring Process
Friday, 10:30-11:20 Indiana Room

FABRICIO BALCAZAR, University of Illinois at Chicago, Session Organizer
CHRISTINA BUELNA, SHAWN DIMPFL, University of Illinois-Chicago
JOSEPH STRICKLAND, WARDELL KYLES, Metropolitan Area Group for the Ignition of Civilization
KIMBERLY TAYLOR, MICHELLE HENTON, Schwab Rehabilitation Hospital
MARCO LENIS, JESUS PEREZ, Vocational Rehabilitation Management, Inc.
Symposium
Service-Learning in Community Action Research: Theory, Research, and Practice
Friday, 10:30-11:20  Kimball Room
ROGER N. RIEB, University of Dayton, Session Organizer
ROBERT G. BRINGLE, KATHRYN STEINBERG, Indiana University-Purdue University Indianapolis
WILLIAM S. DAVIDSON, TIFFENY R. JIMENEZ, EYITAYO ONIFADEE, SEAN S. HANKINS, Michigan State University
SUSAN F. FOLGER, STACEY LANGSNER, COURTNEY RYAN, JAKE CROUSE, University of Dayton
HOWARD ROSING, SUSAN REED, JOSEPH R. FERRARI, NANCY BOTHNE, DePaul University

Roundtable Discussion
Family Dynamics, Violence, and Community Solutions
Friday, 10:30-11:20  Marshfield Room
KIMBERLY MARTIN, National-Louis University, Chair
EVELYN CHENIER, NAJEME GBADAMOSI, ANGELA HAWKINS, DENISE GRAY-BUNKLEY, ERIN PAAVOLA, CIUINAL LEWIS, KEN MCKAY, GERALDINE PALMER, SUZETTE FROMM-REED, JUDAH VIOLA, BRAD OLSON, National-Louis University

Roundtable Discussion
Differentiating and Comparing Clinical, Health, and Community Psychology
Friday, 11:30-12:20  Indiana Room
LINDSEY BARTGIS, ABIGAIL BROWN, MOLLY BROWN, ERIN CLYNE, GEOFFREY COLON, MEREDYTH EVANS, LAURA HLAVATY, LEONARD JASON, KRISTEN KASEESKA, DARNELL MOTLEY, LAVOMÉ ROBINSON, BETH SKENDROVIC, APRIL TIMMONS, DePaul University
Roundtable Discussion
Comprehensive HIV/AIDS Programs in Correctional Institutions

Friday, 11:30-12:20 Kimball Room

CIUINAL JONES LEWIS, National-Louis University

Roundtable Discussion
Evaluating Chicago Public School Programs: Perspectives of Internal and External Evaluators

Friday, 11:30-12:20 Marshfield Room

KEITH J. ZANDER, EBONY J. BURNSIDE, MEREDITH E. POFF, University of Illinois Chicago
LALLY DALEY, ANDREW MARTINEZ, SCOTT DOIG, SARA SORRENTINO, CHRIS KEYS, SUSAN D. MCMAHON, DePaul University

Roundtable Discussion
Housing: Policy, Community Psychology, and its Implications for Health, Well-Being, and Social Change

Friday, 12:30-1:20 Indiana Room

GERALDINE PALMER, National-Louis University, Chair
FABRICIO BALCAZAR, University of Illinois Chicago, Discussant
NEAL MUELLER, KEN MCKAY, JUDAH VIOLA, BRAD OLSON, CIUINAL LEWIS, DAN COOPER, KIMBERLY MICHELE MARTIN, SUZETTE FROMM-REED, National-Louis University

Roundtable Discussion
Caring for the Caregivers? Exploring Alternatives to Improve Care

Friday, 12:30-1:20 Kimball Room

CHRISTOPHER D. LYONS, DePaul University, Session Organizer
ANGELA M. AZNAVORIAN, Illinois School of Professional Psychology
NEAL S. PAUL, Adler School of Professional Psychology
JOSEPH R. FERRARI, LEONARD A. JASON, TODD L. BOTTOM, DePaul University
APA Division 27 Poster Session

Friday, 1:30-3:00
Upper Exhibit Hall
RAY LEGLER, DePaul University, Moderator

51 Increasing Sustainable Behaviors Among Higher Education Faculty and Staff
SCOTT FEEDER, KIM GORAL, MOLLY SCHRAM, RYAN THOMPSON, JORDAN WHEELER, ALISHA ZILLMER, NICOLE DIRKES, SUSAN L. STAGGS, University of Wisconsin – Stout

52 The Influence of Chronic Urban Stressors on Children’s Empathic Development
STACEY AUSTIN, DANIEL LALUNA, TAMARA LIBFELD, KRISHNA J.V. CHARI, The Chicago School of Professional Psychology

53 Children’s Psychological and Achievement Outcomes: Links to Multiple Caregivers
RIKE FRANGOS, BETHANY S. QUINN, LAURA D. PITTMAN, KRISTEN RABE, Northern Illinois University

54 Who’s Home? Caregiver Links to Adolescent Psychological and Achievement Outcomes
BETHANY S. QUINN, RIKE FRANGOS, LAURA D. PITTMAN, Northern Illinois University

55 Assessing a Sense of Community in Online Grief Support Groups
JEANNE HARTIG, National-Louis University

56 Bridging the Gap: Understanding the Development of Empathy
DIANNA REHN, IVAN IRIE, STEPHANIE N. EVANS, SETH SOLWAY, CHRISTINE T. BROOKS, KRISHNA J.V. CHARI, LAURA LANGES, The Chicago School of Professional Psychology; JALEEL ABDUL-ADIL, University of Illinois Chicago

57 Meaningful Lives: Connections Between Generativity, Positivity, and Sense of Community
KAREN M. LYNCH, JOSE DEVINCENZO, National-Louis University
The Impact of Rising Healthcare Costs on Rural Communities
SUSAN L. STAGGS, RENEE SURDICK, JOSHUA HACHMEISTER, PHILLIP TAUCHEN, DANIELLE HARNETT, University of Wisconsin – Stout

Aggression and Empathy in Children: Findings from an After-School Program
JILL WASSERMAN, CHRISTINE T. BROOKS, JENNA HEDGLEN, SWATI SHARMA, KRISHNA J.V. CHARI, IVAN IRIE, LAURA LANGES, STEPHANIE N. EVANS, The Chicago School of Professional Psychology; JALEEL ABDUL-ADIL, University of Illinois Chicago

Perspectives on Culture Brokering for Iraqi Immigrant Families: Preliminary Findings
SANDRA VILLANUEVA, University of Illinois Chicago

Mental Health Impact of Chicago’s Vacant Building Ordinance
LYNN C. TODMAN, SHERROD TAYLOR, JILL FAY, LAUREN HRICISAK, JARED BERGER, MARGARET CORNELL, Adler School of Professional Psychology

An Evaluation of a Community Crisis Line for Parents of Infants
ERIN PAAVOLA, National-Louis University

Predicting Risk for Relapse and Recidivism: Creating Profiles for Women
CHRISTINE BASS, BRONWYN HUNTER, LEONARD JASON, JOSEPH FERRARI, DePaul University

Impact of Social Anxiety on Recovery in Mutual-Help Settings
SAMANTA BODDA Pati, BRONWYN HUNTER, LEONARD JASON, JOSEPH FERRARI, DePaul University

The Effects of Self-Regulation and Self-Efficacy on Substance Use Abstinence
JESUS CHAVARRIA, EDWARD B. STEVENS, LEONARD A. JASON, DePaul University
66
The Role of Mentoring on Academic Achievement and Career Aspirations
NICOLE DEBNAR, ANDREA GODDARD, BERNADETTE SANCHEZ,
DePaul University

67
Stigma and Meeting Attendance Among Women in Oxford House
JENNIFER A. LAWLOR, BRONWYN A. HUNTER, LEONARD A. JASON,
DePaul University

68
Perceived Racial Discrimination, Coping Efficacy and Self-Esteem Among Latino Youth
STEPHANIE GALLARDO, DIANA LEMOS, BERNADETTE SANCHEZ,
DePaul University

69
Employment Barriers Faced by Male Ex-Offenders in the Workplace
MICHELE QUATTROCCHI, BRONWYN HUNTER, LEONARD JASON,
DePaul University

70
Latinos in Texas Oxford Houses
SANDRA RODRIGUEZ, DAISY GÔMEZ, RICHARD CONTRERAS,
LEONARD A. JASON, DePaul University

71
Stigma Management Among Men Ex-Offenders in Recovery from Substance Use
JEN SUCECH, BRONWYN HUNTER, LEONARD JASON, DePaul University

72
The Relationship Between Perceptions of Stigma and Self-Esteem for Women Ex-Offenders
JEN SUCECH, BRONWYN HUNTER, LEONARD JASON, DePaul University

73
Prevención y Salud: Neurological Development of Children in Argentina
RACHEL BECKER, AMELIA SWANSON, University of Miami
**Division 27 Dinner and Poster Award Reception**  
Friday, 4:00 pm  
The Exchequer  
(people covers own dinner expenses)  
226 S. Wabash Ave.  
(312) 939-5633  

Please RSVP to Kristen Kaseeska at kkaseesk@depaul.edu and include any necessary dietary restriction information.
Psi Chi Program

**********************************
THURSDAY, MAY 5
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Psi Chi Poster Session I

Thursday, 9:00-10:00 Upper Exhibit Hall
DAVID KREINER, University of Central Missouri

1 Differential Impacts of Sibling Conflict Domains on Individual Self-Esteem and Vice Versa
ANNA KRUSE & NICOLE CAMPIONE-BARR, University of Missouri-Columbia (MELANIE SHELDON, Faculty Sponsor)

2 Do the Big Five Personality Traits Correlate with Disorders Beyond the Personality Disorders?
KAITLIN ARNOLD, JUSTIN LITTLE, SARAH LUEBBEN & COLEMAN VIZCARRA, Southern Illinois University Edwardsville (ANDREW POMERANTZ, Faculty Sponsor)

3 Parent-Adolescent Versus Sibling Alliances and Their Associations with Individual Self-Esteem
KAYLEE CONLEY & NICOLE CAMPIONE-BARR, University of Missouri (MELANIE SHELDON, Faculty Sponsor)

4 The Mozart Effect: Music Preference as a Facilitating Factor on a Mental Rotation Task
MOLLY HARPER, Central College (EDMOND E. WILLIS, Faculty Sponsor)

5 The Emotional Internet: Motivations and Consequences of Facebook Use Amongst College Students
AMBER BIENECK, University of Wisconsin Superior (ELENI PINNOW, Faculty Sponsor)

195
6 Perceptions of Exercise and Dietary Patterns versus Actual Exercise and Dietary Patterns in College Students
DANIELLE MIRO, Central College (EDMOND E. WILLIS, Faculty Sponsor)

7 Influences of Body Size and Body-Related Speech on Women's Body Dissatisfaction
CARI M. PICK & MICHAELA M. BUCCHIANERI, University of Notre Dame (ALEXANDRA F. CORNING, Faculty Sponsor)

8 Associations Between Positive and Negative Marital Relationship Qualities and Ratings of Sibling Interactions
MELANIE MORGAN & NICOLE CAMPIONE-BARR, University of Missouri (MELANIE SHELDON, Faculty Sponsor)

9 Maturing Out of Alcohol Abuse
KESEY BOYD, Western Illinois University (EUGENE MATHES, Faculty Sponsor)

10 Parents' Cognitive Styles and Parent-Child Interactions
TAYLOR LISTUL, Hamline University (PAULA MULLINEAUX, Faculty Sponsor)

11 Carrying the Weight: The Relationship Between Minority Youth BMI and Daily Screen Time
BERNADETTE PIVARUNAS, DePaul University (BERNADETTE SÁNCHEZ, Faculty Sponsor)

12 Weighty Decisions: The Effect of Weight Bias on the Selection and Election of U.S. Political Candidates
ABBEY JOHNSTON, ASHLI BRENITAN & ASHLEY DREW, Hope College (PATRICIA ROEHLING, Faculty Sponsor)

13 The Effect of Biofeedback Training on Restless Legs Syndrome
DANIELLE DRASHER, Hamline University (MATT OLSON, Faculty Sponsor)
14  Analyzing the Presence and Effectiveness of Abstract and Concrete Representations in Elementary School Science
MARIA PTOUCHKINA, BRYAN J. MATLEN, MARTINA A. RAU, DAVID KLAHR, ANNA V. FISHER, Northwestern University (DAVID KLAHR, Faculty Sponsor)

15  The Relationship Between Occupational Stress, Alcohol Consumption, and Episodic Memory
AMBER MITTELBERG, DREW MAGNUSEN, KATHRYNE HUTTON & BRITTNEY BANKS, Southern Illinois University Edwardsville (CHRISTOPHER ROSNICK, Faculty Sponsor)

16  Women’s Use of Glamour Media to Improve Their Beauty
CAITLIN HENRY, Western Illinois University (EUGENE MATHES, Faculty Sponsor)

17  Weight Changes in First Semester University Students
JESSICA BATES, LAUREN GOOSSENS & NICOLLE VALENTINE, Ashland University (DIANE BONFIGLIO, Faculty Sponsor)

18  Social Influences on Eating Behaviors and Utilizing Serving Size Information as a Mitigating Factor
JOSEPH CURRIN, Washburn University (JOANNE ALTMAN, Faculty Sponsor)

19  Moderation Effects of Social Comparison on the Relationship Between Body Dissatisfaction and Negative Health Outcomes in Men
ADRIENNE L. PASTULA, MICHAELA M. BUCCHIANERI & JAMIE L. SERRANO, University of Notre Dame (ALEXANDRA F. CORNING, Faculty Sponsor)

20  Another Look at the Asch Conformity Experiment: Independence and Need for Cognition
ALYSSA COBIE, MARLA SEUFERER & TIMOTHY HOFLER, Central College (EDMOND E. WILLIS, Faculty Sponsor)
21
Social Support Among Depressed HIV-Positive Persons: A Qualitative Investigation
SAMANTHA T. BILKEY & ANGELA R. WENDORF, University of Wisconsin-Milwaukee (KATIE E. MOSACK, Faculty Sponsor)

22
Acceptance of Evidence-Based Practices Among Clinical and Community Therapists
STEFFANIE NORRIS, Otterbein University (ROBERT KRAFT, Faculty Sponsor)

23
The Effect of Nutritional Labels on Sales in a College Food Court Setting
KATELYN MARTINEK, Washburn University (JOANNE ALTMAN, Faculty Sponsor)

24
Global Self-Esteem, Collective Self-Esteem, and Transition Trajectory in Transgender Individuals
KAYDEN Z. HEALY, The Ohio State University (LISA CRAVENS-BROWN, Faculty Sponsor)

25
Correlates of Mothers' Use of Weight-Related Talk
ERIN M. RIDER, MONICA J. HERNANDEZ, MICHAELA M. BUCCHIANERI & JAMIE L. SERRANO, University of Notre Dame (ALEXANDRA F. CORNING & DAWN M. GONDOLI, Faculty Sponsors)

26
A Case Study of a Child with SSADH and the Effects on Family
DEIRDRE PAULSON, University of Wisconsin- River Falls (MELANIE AYRES, Faculty Sponsor)

27
Are There Priming Effects from Intentionally Forgotten Material?
BETH LYON, Augustana College (DANIEL CORTS, Faculty Sponsor)

28
A Pathway to Depression: The Effects of Self-Efficacy and Peer Victimization on Scottish Adolescents
RACHEL GARTHE, North Central College (PATRICIA SCHACHT, Faculty Sponsor)
29
The Weight of Rumination and Anticipated Stigma among Women with
Weight and Appearance Concerns
STEPHANIE A. ANDEL, Bradley University (STEPHENIE R. CHAUDOIR, Faculty Sponsor)

30
Clearing the Confusion: Distinguishing Between Democratic and
Laissez-Faire Parenting Styles
KAITLYN A. YEMM, JONATHON VANBUREN, ASHLEY N. ENGLAND, JEFF RALPH & BRIANNA ADDIS, Southern Illinois University Edwardsville (EVA D. FERGUSON, Faculty Sponsor)

31
Injunctive Norms and Study Behavior: Increasing Study Time with
Injunctive Norms Without Reactance
LINDSAY ROBERTS, Indiana-Purdue University Fort Wayne (DANIEL MILLER, Faculty Sponsor)

32
Explaining Backyard Racism to Caucasians: Sympathy or Defensiveness?
STEPHANIE KAHN, LOAN NGUYEN, ASHLEY GARZA, PAOLA MUNOZ, KYLE STUFFLEBAM & JOHN VANDUSEN, Hope College (MARY INMAN, Faculty Sponsor)

33
The Effect of Social Desirability on Reporting of Sensory-Processing
Sensitivity
MEGHAN BARRETT, Augustana College (MARK VINCENT, Faculty Advisor)

34
The Relationship Between Hypercompetition, Intimacy, and Friendship
Satisfaction in a Dyadic Friendship
KRISTEN PETKEVICH, Saint Mary’s College (REBECCA STODDART, Faculty Sponsor)

35
Attitudinal and Dispositional Predictors of Environmentally-Responsible Behavior
ANNA ISAACSON, ASHLEY LAWRENCE & KENNETH KNUPPEL Valparaiso University (DANIEL ARKKELIN, Faculty Sponsor)

36
Intrinsic Motivation and Time Perception: A Study on Task Enjoyment
DAVE CARRELL & ELIZABETH NECKA, Truman State University (KAREN SMITH, Faculty Sponsor)

37
Effects of Invalidation on People High on Borderline Personality Disorder Features
ARIANA HOET, The Ohio State University (JENNIFER CHEAVENS, Faculty Sponsor)

38
Mortality Salience, Self-Esteem, and Health Promoting Intentions
NEJERI REYNOLDS, Bradley University (DEMARIS MONTGOMERY, Faculty Sponsor)

39
Comparison of Mere Presence Effect and Evaluation Apprehension on Social Facilitation in a Typing Task
Tiffany Ahrenholtz, Kailey Short, Jenna Catalano & Alison Miller, Central College (Edmond E. Willis, Faculty Sponsor)

40
Low Parental Warmth as a Predictor of Later Internalizing Problems: A Longitudinal Study of Risk Specificity in School-Age Children
MIRA MOOREVILLE, University of Michigan – Ann Arbor (SHERYL OLSON, Faculty Sponsor)

41
Effect of Background Noise on Memory and Recall
ANGELA ANDREWS & LYNN FORTON, Saint Mary’s College (BETTINA SPENCER, Faculty Sponsor)

42
Interference of Perceptual Simulation by Suggested Location of Word and Image Cues
CARRIE MELIA, Youngstown State University (FRANK RAGOZZINE, Faculty Sponsor)

43
A Comparison of Self Esteem in Men and Women with Regards to Relationship Status
CRISTIN CLINE, University of Wisconsin Superior (ELENI PINNOW, Faculty Sponsor)
The Impact of Victim Sex and Participant Sex on Attitudes Toward Rape Victims
KATELYN BENHOFF, Eastern Illinois University (ANU SHARMA, Faculty Sponsor)

Gender Differences in the Use of Relationship Goals and Physical Attractiveness in Mate Preferences
TERA MATHIAS, St. Cloud State University (BRENDA N. BUSWELL, Faculty Sponsor)

Objective Tolerance Effects of Alcohol Mixed with Energy Drinks
CHELSEA MORLEY, MEAGAN HOWARD, AMY HENGES, RACHAEL MURRAY & MATT GANNON, Northern Kentucky University (CECILE MARCZINSKI, Faculty Sponsor)

Acute Tolerance Effects of Alcohol Mixed with Energy Drinks
MATT GANNON, MEAGAN HOWARD, AMY HENGES, CHELSEA MORLEY & RACHEAL MURRAY, Northern Kentucky University (CECILE MARCZINSKI, Faculty Sponsor)

Subjective Tolerance Effects of Alcohol Mixed with Energy Drinks
RACHEAL MURRAY, MEAGAN HOWARD, AMY HENGES, CHELSEA MORLEY & MATT GANNON, Northern Kentucky University (CECILE MARCZINSKI, Faculty Sponsor)

The Big 5, Locus of Control, and Coping with the Irrelevant Speech Effect
BRANDON KUTMAS, Western Illinois University (MELANIE HETZEL-RIGGIN, Faculty Sponsor)

Childhood Abuse Linked to Partner Maltreatment Through Ptsd and Dissociation
ABIGAIL MEADS, CANDICE WHITECOTTON, NICOLE BREITBACH, AMBER GALLAHER, KRYS TAL GAMMEL, CAITLIN HENRY, CATHLEEN KLOMES, BRANDON KUTMAS, CHING-I LIN, CHRISTINA MEADS & RYAN ROBY, Western Illinois University (MELANIE D. HETZEL-RIGGIN, Faculty Sponsor)
51
Correlates of Risk Perception in Sexual Victimization
RYAN P. ROBY, Western Illinois University (MELANIE D. HETZEL-RIGGIN, Faculty Sponsor)

52
The Effect of Need for Cognition on False Recall in the Deese-Roediger-McDermott Paradigm
SONYA IZADI, JEFFREY PIRTLE, REGINA TILLMON & KANISHA L. COLLIE, University of Missouri- St. Louis (BARBARA BUCUR, Faculty Sponsor)

53
The Spinal Cord Injury (SCI) Peer Mentoring Program: The Psychosocial Benefits of Peer Mentoring
AMANDA KERR, University of Illinois at Chicago (FABRICIO BALCAZAR, Faculty Sponsor)

54
A Process-Oriented Analysis of the BART's Sensitivity to Acute Alcohol Consumption
TODD LILJE, ADRIENNE HEINZ & JON D. KASSEL, University of Illinois at Chicago (JON D. KASSEL, Faculty Sponsor)

55
PsychWorld: An Exploratory Study Using Internet Game Concepts to Encourage Class Participation in an Undergraduate Course
JAMIE PARISE, Trinity Christian College (DICK T. COLE, Faculty Sponsor)

56
The Relationship Between Insecure Adult Attachment and Childhood Abuse, Personality Variables, and Attitudes Towards Relationships
LAURA NORTHERNER, RHIANA WEGNER & JENNIFER PIERCE, Wayne State University (ANTONIA ABBEY, Faculty Sponsor)

57
Malpractice Judgments: The Influence of Sadness and Anger on Blame and Punishment
MARY KATE TOMPKINS, Ohio State University (HAL ARKES, Faculty Sponsor)

58
Insane Asylums Throughout History in Motion Pictures
ASHLEY WATSON & KATHERINE FLECK, University of Saint Thomas (JEAN GIEBENHAIN, Faculty Sponsor)
59
Who’s to Blame and How to Help? A Historical Look at Juvenile Delinquency – Treatment and Prevention (1830s to Present)
KAYTIE KOCON & AMY SUEK, University of St. Thomas (JEAN GIEBENHAIN, Faculty Sponsor)

60
The Importance of Breast-Feeding and Mother-Child Attachment from the 1950’s Until Today
LAUREN FLOOD, AMBER TALBERG & JOCLEYN MCALPINE, University of St. Thomas (JEAN GIEBENHAIN, Faculty Sponsor)

61
How Far Have We Really Come? The Changing Attitudes of Whites Toward African Americans: 1940’s-1970’s
SANDRA L. MORAN & CAITLYN M. GOMEZ, University of St. Thomas (JEAN GIEBENHAIN, Faculty Sponsor)

62
Christian Influence on Corporal Punishment in America: Historical Perspectives
SAM GLYNN, JAKE SELTZ, SAMANTHA LANE, University of St. Thomas (JEAN GIEBENHAIN, Faculty Sponsor)

63
The Relation Between Theory of Mind and Executive Functioning in Adults
COLETTE GILLIS, Bradley University (DEREK MONTGOMERY, Faculty Sponsor)

64
Job Hassles and Work-School Conflict: Relationships Across the Semester
STEPHANIE WATERMAN & ELIZABETH SHODA, Wright State University (GARY N. BURNS, Faculty Sponsor)

65
Gender Associations in English: A Semantic Priming Study
JING CHEN, University of Michigan-Dearborn (NITYA SETHURAMAN, Faculty Sponsor)

66
Understanding Grammatical Gender in Arabic
AMAL ALSAMAWI, University of Michigan-Dearborn (NITYA SETHURAMAN, Faculty Sponsor)
Parent-Child Attachment and Romantic Relationship Attachment as Potential Mediators of the Intergenerational Transmission of Marital Satisfaction
AMBER M. JARNECKE, Purdue University (SUSAN C. SOUTH, Faculty Sponsor)

An Examination of the Role Grandparents Play in Academics and Self-Esteem
LAURA BENGE, Wisconsin Lutheran College (WENDY CLOSE, Faculty Sponsor)

Thinking About Politics: Need for Cognition as a Predictor of Political Attitudes
LAURA D. VAN BERKEL & ERIN D. SOLOMON, Saint Louis University (EDDIE M. CLARK, Faculty Sponsor)

Imminent Threat?: A Meta-Analysis of African American Stereotype Threat in Academic Domains
THOMAS P. DIRTH, University of Northern Iowa (ANDREW R. GILPIN, Faculty Sponsor)

Are There Sex Differences in Response-Time Tasks?
NATALIE BENNETT, The Ohio State University (FABIO LEITE, Faculty Sponsor)

Perceptions of Relationship Conflict as Predicted by Adult Attachment and Self-Esteem
KELSEY JORGENSEN, University of Wisconsin – La Crosse (CASEY TOBIN, Faculty Sponsor)

Goal Maintenance Deficits and Disorganized Speech in Schizophrenia
JENNIFER ROHRER, University of Missouri Columbia (JOHN KERNS, Faculty Sponsor)

Use of Social Desirability Information in Applicant Profiles
SAMUEL DOYAL & JENNIFER SMITH, Wright State University (GARY N. BURNS, Faculty Sponsor)
Long-Term Effects of Multisystemic Treatment on Parents of Juvenile Delinquents
ELIZABETH SILVEY, DAVID WAGNER & CHARLES BORDUIN, University of Missouri (MELANIE SHELDON, Faculty Sponsor)

The Relationship Between Sexual Assault-Specific Predictors and Perpetrators Post-Assault Levels of Justification
BLAKE SENAY, RHIANA WEGNER & JENNIFER PIERCE, Wayne State University (ANTONIA ABBEY & PATRICIA SIPLE, Faculty Sponsors)

Psi Chi Poster Session II

Thursday, 10:10-11:10 Upper Exhibit Hall
DANIEL CORTS, Augustana College (IL)

1 Power and Proximity: The Ethical Influences an Employer Can Have on Their Employees
BRENDON WOGHIREN, University of Windsor (CATHERINE QWANTES, Faculty Sponsor)

2 The Role of Downregulating Positive Emotions in Depression in Adolescents
ANNA E. SMALL, University of Missouri, Columbia (MELANIE SHELDON, Faculty Sponsor)

3 On the Specificity of Relations Between Components of Executive Control and Heavy Drinking: Not All Executive Processes are Alike
MELANIE GRACE ALLEN & BRUCE BARTHOLOW, University of Missouri, Columbia (MELANIE SHELDON, Faculty Sponsor)

4 Television and Magazine Commercials Impact on Women’s Self-Perception and on Women’s and Men’s Perceptions of Women
JILL SORENSEN, Central College (EDMOND E. WILLIS, Faculty Sponsor)

5 Cue Usage for Determining Sexual Orientation
JEFF SWARTZEL & MEGAN MORRIS, Wright State University (GARY BURNS, Faculty Sponsor)
6  
Examining the Prevalence of the Heterosexual Script in Children’s Television Media  
ALEXANDRA KIRSCH, Kenyon College (SARAH MURNEN, Faculty Sponsor)

7  
The Effects of Alcohol on the Fading Affect Bias  
ANGELA TOSCANO, JACKIE LENTZ, JOEL ARCIERI, ASHLEY FEHR & JANET BARNET, Christopher Newport University (JEFFREY GIBBONS, Faculty Sponsor)

8  
Pretty Woman: Consequences of Priming Casual versus Committed Relationships on Self-Objectification and Sexual Satisfaction  
MELISSA RICHARDSON, JAIMIE SUMMERS, TAYLOR HILLERY & NATALIE ANLIKER, Simpson College (SAL MEYERS, Faculty Sponsor)

9  
Enhanced Worldview Defense by Conservative Christians  
STEVEN EVERS, University of Missouri (KENNON SHELDON, Faculty Sponsor)

10  
The Impact of Warnings on Simulated Applicant Personality Scores  
LIANNA LHAMON, MEGAN MORRIS & CORINNE WRIGHT, Wright State University (GARY N. BURNS, Faculty Sponsor)

11  
The Influence of Race on Eyewitness Memory  
KELSEY EATHERTON, Hamline University (KIM GUENTHER, Faculty Sponsor)

12  
Coping in Stressful Situations: Using Neuroticism and Extraversion to Predict Coping Techniques  
SHANNON DOHERTY & NATALIE TONOZZI, Western Illinois University (DAVID LANE, Faculty Sponsor)

13  
Mindfulness Exposure and Practice in the Prediction of Change in Substance Use and Depression: A Randomized Control Study  
EMMALYNN KELLY, Hamline University (SERENA KING, Faculty Sponsor)

206
A Historical Analysis of the Use of Physical Restraints in the Treatment of Mental Illness
GRACE BRELJE, BRYANT DENTZ & ANGELA LEE, University of St. Thomas (JEAN GIEBENHAIN, Faculty Sponsor)

The Influence of Need for Cognition on Tests of Executive Function
BRYAN TAYLOR, University of Missouri- St. Louis (BARBARA BUCUR, Faculty Sponsor)

In Nomine Patris et Fillii et Spiritus Sancti: The Framing of Religious Delusion in the United States from the 1820s to the Present
RYAN PERSONS, AYLIE MEISNER & CHRIS ANTONELLI, University of St. Thomas (JEAN GIEBENHAIN, Faculty Sponsor)

The Effect of Weight and Ethnicity on Potential Clients’ Perception of Counselors
MARGARET WILLIS, Southern Illinois University Edwardsville (DANICE BROWN, Faculty Sponsor)

Gender & Service-Learning Participation: Effects on People’s Comfort Level With Developmental Disabilities
CHAD P. DODGE, Miami University Middletown (VIRGINIA B. WICKLINE & EDWIN SHRIVER, Faculty Sponsors)

Implicit Discriminatory Bias Attitudes
STEPHANIE LEDDY & WHITNEY BERGEN, Monmouth College (MARSHA DOPHEIDE, Faculty Sponsor)

How Could They Let This Happen?: Blame Judgments Following School Shootings
MOLLY KOBY, University of Wisconsin-LaCrosse (BETSY MORGAN, Faculty Sponsor)

Frenemies: Effects of Self-Monitoring on Ambivalent Friendships
ALICIA DOTY, Aurora University (DAVID RUDEK, Faculty Sponsor)
22
Racial Differences in the Effects of Exposure to Blackface Minstrel Imagery
RACHEL COSTELLO, University of Missouri-Columbia (MARK MANNING, Faculty Sponsor)

23
A Joint Model for Repeated Measures and a Dichotomous Response
BRENDEN BISHOP, The Ohio State University (ROBERT CUDECK, Faculty Sponsor)

24
Perceptual Identification of Speaker Ethnicity and Gender by Caucasian Listeners
CHELSEA E. LYNCH, JACQUELINE M. CANONACO, RYAN M. TUSSEY & ELIZABETH A. VAN OSS, Hope College (SONJA TRENT-BROWN, Faculty Sponsor)

25
Relations Between In Vivo Child Joint Attention and Parent Ratings of Child Withdrawn Behavior
BRIDGET DOLAN, MYAH HOUGE, ELLEN BESTE, JEFFREY KARST, AUDREY MEYER, KIRSTEN SCHOHL & AMY VAN HECKE, Marquette University (AMY VAN HECKE, Faculty Sponsor)

26
The Transparency of Assessing Aggression Using Conditional Reasoning
DEVON HOPKINS & KELLY SCHERER, Purdue University (JAMES LEBRETON, Faculty Sponsor)

27
Classroom Citizenship Behavior and Gender: Expectations and Attributions for Performance
SARA RIDDER & KATIE NELSON, Coe College (SARA FARRELL, Faculty Sponsor)

28
Effect of Assessment on the Expectancy Effect in a Hiring Situation
KAYLIE D. HUDEK, St. Cloud State University (BRENDA N. BUSWELL, Faculty Sponsor)

29
Associations Between Language Processing and Nonverbal Communication Skills and Social Skill Development Among Youth with Spina Bifida
KIMBERLY KLAGES & LAUREN KELLY O’HARA, Loyola University Chicago (GRAYSON HOLMBECK, Faculty Sponsor)
Examining the Effects of Positive and Negative Thinking on Academic Performance
JAMIE SCHMIDT & ANN MANNING, Saint Mary’s College (BETTINA SPENCER, Faculty Sponsor)

Do Beliefs about Health Resources Affect Life Satisfaction in College Students?
AMANDA JOHNSON, DANIEL PARTIN, STEFAN GUDZ & JESSICA HARRIS, University of Toledo (JASON ROSE, Faculty Sponsor)

Developing a New Device for Measuring Preferred Body Shapes
IAN LAFORGE, RENEE FAGEN & MEG CHRISTIANS, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)

Personality and Role Choice in Massively-Multiplayer Role-Playing Games (MMORPGs)
STEVEN MALM, Bradley University (DAVID SCHMITT, Faculty Sponsor)

Self-Compassion Training: Increasing Well-Being, Health, and Academic Performance Among Freshman Girls
ANNE PETERS, Bradley University (ANTHONY D. HERMANN, Faculty Sponsor)

Assessing Medical Adherence Self-Efficacy in Individuals with HIV
DIANA WOLLACH & ANGELA WENDORF, University of Wisconsin-Milwaukee (KATIE MOSACK, Faculty Sponsor)

The Dark Side of Humor: Exploring Memory and Humor Styles
DWUANA A. BRADLEY, AMANDA WARD, NICHOLAS HALL & HANNAH RACKERS, Truman State University (KAREN L. SMITH, Faculty Sponsor)

Quality of Care Among Ethnic Minority Youths Within Mental Health Services
CLAUDIA MALVACEDA & KRISTIN HAWLEY, University of Missouri, Columbia (MELANIE SHELDON, Faculty Sponsor)
38
Psychological and Physiological Responses to Touch Communication
KATLYN PALOUCEK, Nebraska Wesleyan University (MARILYN PETRO, Faculty Sponsor)

39
Effects of Religion on Life
SYLVIA GUTOWSKA, Northern Kentucky University (DOUGLAS KRULL, Faculty Sponsor)

40
The Effects of Self-Expansion on Effort Exerted on a Physical Task
RACHEL CARSON & KAYLA HOOVER, Ashland University (BRENT MATTINGLY, Faculty Sponsor)

41
The Role of Self-Construal in Stress, Satisfaction and Compartmentalization
RAYNA NARVAEZ, Augustana College (DANIEL CORTS, Faculty Sponsor)

42
Anxiety and Cognitive Performance Mediated by Intrusive Thoughts
WILLIAM RYBAK, Southern Illinois University Edwardsville
(CHRISTOPHER ROSNICK, Faculty Sponsor)

43
Music Preferences and Socio-Cultural Values
SARA ESTRADA-VILLALTA & ZACKARY LEMKA, University of Northern Iowa
(HELEN HARTON, Faculty Sponsor)

44
Piecing Together the Puzzle: The Construction of an Attitudes Toward Autism Scale
AMANDA BULGRIN & LUCI FLOOD, University of Wisconsin-La Crosse
(BETSY MORGAN, Faculty Sponsor)

45
Social Influence on the Perception of Appearance and Body Image
ANDREA RUDD, Central College (KEITH T. JONES, Faculty Sponsor)

46
Boosting Self-Concept Clarity Through Focused Self-Reflection
SCOTT BEYMER, Northwestern University (WENDI GARDNER, Faculty Sponsor)
Therapist Adherence and Socratic Questioning as Predictors of Symptom Change in Cognitive Therapy for Depression: A Study of Therapists in Training
JUSTIN BRAUN, The Ohio State University (DANIEL STRUNK, Faculty Sponsor)

Perceptions of Rape Perpetrators Based on Skin Tone, Attire, and Relationship to Victim
STEPHANIE SANDOR & MICHELLE EDDY, University of Wisconsin-La Crosse (KATHERINE KORTENKAMP, Faculty Sponsor)

Types of Utterances Spoken to Autistic Toddlers
KARA OBERKROM, KATHRYN BRADY & JUDITH GOODMAN, University of Missouri, Columbia (MELANIE SHELDON, Faculty Sponsor)

Does Computer Mediated Communication Cause More Sexism Than Face-to-Face Communication?
MATTHEW SMITH & ASHLEY YOKE, Wittenberg University (CLIFFORD BROWN, Faculty Sponsor)

The Future of Time Perspective
DYLAN O’BRIEN, Minnesota State University Moorhead (WILLIE HALLFORD, Faculty Sponsor)

Power of Positive Thinking: Its Effects on Self Efficacy and Cognitive Ability
NICHOLAS JOHNSON, Southern Illinois University Edwardsville (ELIZABETH MEINZ, Faculty Sponsor)

The Effects of Text-Messages on Self-Esteem in Face-to-Face Interaction
ASHLEY BOWERS & COURTNEY RESETAR, Wittenberg University (CLIFF BROWN, Faculty Sponsor)

Same-Sex and Opposite-Sex Attractiveness Ratings of Vocal Recordings, Facial Photographs, and Bodies of Male and Female Target Stimuli
AUBURN TRUSKOWSKI, University of Missouri-Saint Louis (JENNIFER SICILIANI, Faculty Sponsor)
The Effect of Nondiagnostic Information on Credibility and Persuasion
KACI MCCLEARY, Iowa State University (KEVIN BLANKENSHIP, Faculty Sponsor)

21st Century Revision of the Bem Sex Role Inventory
CHENELLE SCHULTZ, PATRICK MCCARTY & COURTNEY RIPOLL, Loras College (JULIA OMARZU, Faculty Sponsor)

Cyberostracism and Social Monitoring: Social Anxiety’s Effects on Reactions to Exclusion and Inclusion Online
CLAIRE KARLEN, Illinois Wesleyan University (JENNIFER DANIELS, Faculty Sponsor)

Interestingness & Liking as Predictors of Artistic Quality
DEREK PAGE, Minnesota State University Moorhead (WILLIE HALLFORD, Faculty Sponsor)

Level of Positive Emotionality (PE) as a Moderator of the Association Between Negative Emotionality (NE) and Loneliness
JENNIFER VARELA, The Ohio State University (MICHAEL VASEY, Faculty Sponsor)

The Effects Children with Autism Spectrum Disorder Have on Their Siblings
JACQUELINE MAIURI, Rochester College (ROBYN SIEGEL-HINSON, Faculty Sponsor)

The Effects of Item Repetition and Emotional Valence of Words on the Associative Memory Deficit of Older Adults
SANDY RUIZ, University of Missouri (MOSHE NAVEH-BENJAMIN, Faculty Sponsor)

The Efficacy of Art Therapy at Reducing Negative Emotions: A Short-Term Study on College Students
WENDY PHIFER, Rochester College Michigan (ROBYN SIEGEL-HINSON, Faculty Sponsor)
Dimensional Complexity of Love Schemas
VALERIE SMITH, AMANDA BILLS & JESSICA GODFREY, University of Michigan – Dearborn (ROBERT HYMES, Faculty Sponsor)

Exercise and Male Body Image: Working It Out
COURTNEY MITTEN, Augustana College (DANIEL CORTS, Faculty Sponsor)

Distractor Faces and Race: Load Effect Is Not So Black and White
STEFANIE MADZSAR, DEWAYNE WILLIAMS, JUSTINN COCHRAN, DIXIE HU & GEWN HI PARK, The Ohio State University (JULIAN F. THAYER, Faculty Sponsor)

Self Monitoring and its Effects on Memory
SARAH DOVE, University of Michigan- Flint (MARIANNE MCGRATH, Faculty Sponsor)

The Effects of Religiosity on the Body Image Dissatisfaction of Exercisers
EMILY FAUST, Wartburg College (SHAHEEN MUNIR, Faculty Sponsor)

The Effects of Color and Clothing Style on Perceived Attractiveness and Hirability
CAITLIN BARRINGTON-REED, Olivet College (DINA BATAGLIA, Faculty Sponsor)

Does Conceptual Fraction Knowledge Predict Later Mathematical Ability?
ERIN WILLOUGHBY, University of Missouri (DAVID GEARY, Faculty Sponsor)

The Impact of Meditation on Stress, Attention, and Mindfulness
JENNIFER FREGEAU, BRITTANY TREWİN & TARA BLUMĘYER, Loras College (JULIA OMARZU, Faculty Sponsor)

Family Stressors as a Predictor of Depression and Anxiety: Considering Secure versus Insecure Attachment Styles as a Moderator
ROSE O’DONNELL, ASHLEY WILSON & AMANDA J. ROSE, University of Missouri (MELANIE SHELDON, Faculty Sponsor)

72
Reasons for Cheating and Jealousy in Romantic Relationships
ALEXIS MILLER & ALEX PROCTER, Loras College (JULIA OMARZU, Faculty Sponsor)

73
Does Anxiety Affect the Comorbidity of Body Dissatisfaction and Alcohol Use?
CAITLIN KRYDER, Western Illinois University (DAVID J. LANE, Faculty Sponsor)

74
Gender Differences in Sadomasochistic Attitudes, Fantasies, and Behaviors in a College Population
TRACY TITTELbach, Northern Illinois University (BRAD SAGARIN, Faculty Sponsor)

75
Psi Chi’s Focus on Enhancing the Freshman Experience
W. FOSCO, B. BUTTLIERE, M. SOUTHARD, L. WEIDNER, S. ANDEL, A. BLEUELL, D. ARY, T. WILLIAMS, A. GILLEN & A. LONG, Bradley University (TIMOTHY KOELTZOW, Faculty Sponsor)

76
The Role of Working Memory in Second Language Development
TATIANA KARPOUZIAN, MANDY FARETTA & KARA MORGAN-SHORT, University of Illinois at Chicago; PATRICK WONG & FRANCIS WONG, Northwestern University (KARA MORGAN-SHORT, Faculty Sponsor)

Psi Chi Poster Session III

Thursday, 11:20-12:20
Upper Exhibit Hall
KARL KELLEY, North Central College (IL)

1
A Pathway to Depression: The Effects of Self-Inefficacy and Peer Victimization on Scottish Children
RACHEL GARTHE, North Central College (PATRICIA SCHACHT, Faculty Sponsor)
2  
Distractor Devaluation and the Effect of Face Inversion  
MARISSA HOLST, SARA PRELL & JANAELYON, University of Wisconsin-River Falls, (LISA ISENBERG, Faculty Sponsor)  

3  
Technology: Friend or Foe? A Study on Face-to-Face and Computer-Mediated Communication  
BRIAN POTTHAST, Rochester College (ROBYN SIEGEL-HINSON, Faculty Sponsor)  

4  
Childhood Domestic Work and Academic Performance  
DAVID MARKHAM, Andrews University (HERBERT W. HELM JR., Faculty Sponsor)  

5  
An Examination of Harm Perception in Young Adults Reporting Waterpipe Use  
NATALIA OLEJARSKA, ADRIENNE HEINZ & JON KASSEL, University of Illinois at Chicago (JON KASSEL, Faculty Sponsor)  

6  
Pissed Drunk: The Effects of Anger on Binge Drinking Behavior  
CATHERINE LANGDON & NICOLAAS VAN OSS, University of Wisconsin-La Crosse (RYAN MCKELLEY, Faculty Sponsor)  

7  
The Role of Anxiety on the Identification of the Facial Expression of Fear  
IVONNE COZAD, Washburn University (JOANNE ALTMAN, Faculty Sponsor)  

8  
Automatic Gender Stereotyping and Gender Attitudes  
KATELYN JOHNSON, Adrian College (STACEY TODARO, Faculty Sponsor)  

9  
The Collision Between Culture and Conformity: Conformity and Gender Differences Among Somali-Americans  
ASHO KALIF, Hamline University (MATT OLSON, Faculty Sponsor)  

10  
The Impact of Happy, Sad, and Anxiety-Provoking Imagery on Recall  
MICHELLE MALTERS, Dakota Wesleyan University (ANNE KELLY, Faculty Sponsor)  

215
11  
The Attachment Blink: The Relation Between Adult Attachment and Attention  
MICHAEL BARGER, The Ohio State University (SUSAN JOHNSON, Faculty Advisor)  

12  
Policing the Group: Individual Differences in Tolerance for Status Self-Enhancement  
SAMANTHA SHEPARDSON, University of Northern Iowa (NICHOLAS SCHWAB, Faculty Sponsor)  

13  
Perceived Impressions from Facebook Statuses  
KRISTINE KASTENBAUM, MELINDA GROSS, MICHAELA HOFFMAN & ELIZABETH NECKA, Truman State University (MICHELE BREAULT, Faculty Sponsor)  

14  
Encoding Specificity Found for Both Newspaper and Tabloid Headlines  
MOLLY SCHWEINHART, DAVID TOSTO & MORGAN EPSTEIN, Christopher Newport University (JEFFREY GIBBONS, Faculty Sponsor)  

15  
The Role of Opposite-Sex Normative Preferences and Social Norms in College Women’s Alcohol Consumption  
ANNALYSE NOVAK & KATHERYN MENTE, Edgewood College (DAVID LAMBERT, Faculty Sponsor)  

16  
The Effect of Eye Gaze on Meaningful Communication  
ANISSA MIKE, Metropolitan State University (KERRY KLEYMAN, Faculty Sponsor)  

17  
The Impact of Southeast Asian Cultures of Origin on Attitudes Toward Mental Health Treatment  
KIMBERLEIGH MORRIS, Monmouth College (KRISTIN LARSON, Faculty Sponsor)  

18  
Virtual Sexual Aggression: Real Life Correlates of BDSM and Rape Simulations in the Virtual World of Second Life  
KELSEY JOHNSON, Minnesota State University Moorhead (RICHARD KOLOTKIN, Faculty Sponsor)
19
Seeing the Good in Life: The Effects of Gratitude Reflection on Perceived Life Events and Subjective Well-Being
PETER RUBERTON, LINDSEY BANGERT, JORDAN CONSTANCE, NICHOLAS JACOBSON & JENNIFER PEARLSTEIN, Truman State University (JEFFREY VITTENGL, Faculty Sponsor)

20
Gender Differences in Memory of Color
KATIE ZUEHLKE, Wisconsin Lutheran College (WENDY CLOSE, Faculty Sponsor)

21
The Effect of Resume Format on Candidate Evaluation
MEGAN BOLLINGER, ANJANA PILLARISSETTY, KRISTI SUTHERLAND & TRAVIS WALKER, University of Michigan – Dearborn (ROBERT HYMES, MARIE WAUNG, Faculty Sponsors)

22
The Impact of Cross-Sex Friendships on Adolescents’ Gender Flexibility
CAITLIN BARRY, RHIANNON L. SMITH & AMANDA J. ROSE, University of Missouri (MELANIE SHELDON, Faculty Sponsor)

23
Hemispheric Specialization for “Snap Judgments” of Trustworthiness and Competence
HANNAH KARAPTIAN, KELSEY-JO RITTER & LINDSAY JOHNSEN, Hope College (THOMAS LUDWIG, Faculty Sponsor)

24
Predicting Ambivalent Sexism: Personality, Authoritarianism, and Sex Roles
JESSICA CHRISTENSEN, KELLINA MOJICA, AYANA BOLTON & ALEXANDRA MARCEL, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)

25
The Effect of Ethnic Identity on Emotional Adjustment in Adolescents
MISHELLE S. MARTINEZ, RHIANNON L. SMITH & AMANDA J. ROSE, University of Missouri-Columbia (MELANIE SHELDON, Faculty Sponsor)

26
Is He Daxing? The Effect of Learning Formats on Preschoolers’ Acquisition of Novel Action Relations
COSETTE WELLING, Ohio State University (JENNIFER KAMINSKI, VLADIMIR SLOUTSKY, Faculty Sponsors)

27 Human Values And Desire For Money, Financial Goals, And Materialistic Values
SARA ESTRADA-VILLALTA, University of Northern Iowa (NICHOLAS SCHWAB, Faculty Sponsor)

28 Risk Attitudes and Well-Being as a Function of Initiatory Experiences
DAVID VAN, University of Missouri St. Louis (MATTHEW TAYLOR, Faculty Sponsor)

29 Thinking About the Future: Future Orientation, Anxiety, and Well-Being
MELINDA GROSS, MICHAELA HOFFMAN, KRISTINE KASTENBAUM & ELIZABETH NECKA, Truman State University (MICHELE BREAULT, Faculty Sponsor)

30 Differential Responses to a Theatrical Intervention Designed to Enhance Cognitive Functioning and Life Satisfaction
KIMBERLY SKOCZELAS, Elmhurst College; MICHAEL BIXTER, Stony Brook University (HELGA NOICE, Faculty Sponsor)

31 Low Level of Response to Alcohol as a Predictor of Alcohol Hangover: Results from an Ecological Momentary Assessment Investigation
KYLE ALLEY & BRANDON ROBERTSON, University of Missouri (THOMAS PIASECKI, Faculty Sponsor)

32 I Think I Can’t: The Influence of Print Advertisements on Women’s Self-Confidence and Non-Conformity
ADAM LIVENGOOD, University of Northern Iowa (HELEN C. HARTON, Faculty Sponsor)

33 Self-Reported Depression Levels in Undergraduate Students and Related Maladjustments in Behavior
MELINDA DEVORE, Midland University (JAMIE WILKINSON, Faculty Sponsor)
34
Clinging To Stress Even If It Kills You: The Power of The Symbolic
BRITTNEY WIRTH-PETRIK, Hamline University (R. KIM GUENTHER,
Faculty Sponsor)

35
Academic Maturity as a Mediating Factor in the Relationship Between
Technology Use and Academic Performance
OLIVIA BUTTRAM, Eastern Illinois University (WILLIAM ADDISON,
Faculty Sponsor)

36
The Relationship Between Contraceptive Compliance, Impulsivity, and
Working Memory
BRITTNEY MCVEY, ALICIA HUMKE & NICHOLAS VOLLING, Southern
Illinois University Edwardsville (CHRISTOPHER ROSNICK, Faculty Sponsor)

37
Stress as a Mediator Between Income and Achievement Among
Low-Income, African American Youth
REGGIE PACHECO & ISRAEL GROSS, Loyola University (MARYSE
RICHARDS, Faculty Sponsor)

38
Operation Iraqi Freedom: Impact of PTSD, Combat Exposure, and
Religious Coping Skills on Relationship Quality
MELISSA KNIGHT, NATHANIEL WADE, MARILYN CORNISH, BRIAN
POST & JERITT TUCKER, Iowa State University (NATHANIEL WADE,
Faculty Sponsor)

39
The Impact of Victim-Perpetrator Relationship on Post-Assault Esteem and
Social Reactions
JESSICA KING, Ohio University (CHRISTINE GIDYCZ, Faculty Sponsor)

40
Facebook and Image Portrayal
MICHAELA HOFFMAN & KRISTINE KASTENBAUM, Truman State
University (JEFFREY R. VITTENGL, Faculty Sponsor)

41
Changes in Paternal and Maternal Involvement with the Infant During the
First 18 Months: Associations with Socioeconomic Status and Maternal
Employment Status
HASTI ASHTIANI, KRISTI WERNER, TARA HIXON, WAFAA AL-HACHAMI, MEGAN TOOLEY, SYEDA SUMAIYAH MAHMOOD, TAMARA KADOO & M. SUSAN DELONIS, Wayne State University (MARJORIE BEEGHLY, Faculty Sponsor)

42  
The Influence of Authenticity on Aesthetic Preferences of Musical Selections  
ERIK ZDANSKY & MARISSA GRIMINGER, Bradley University (DEREK MONTGOMERY, Faculty Sponsor)

43  
A Quality of Life Comparison for College Males and Inmates  
JESSICA MUELLER & JESSICA KERR, Western Illinois University (REGINALD ADKISSON, Faculty Sponsor)

44  
Effects of Social Dominance Orientation and Gender on Helping Behavior  
RYAN J. MAREK, SEAN KENNEDY & ELIZABETH HAIGH, John Carroll University (JOHN H. YOST, Faculty Sponsor)

45  
"Use It or Lose It": An Analysis of Social vs. Solitary Activities on Life Satisfaction in Older Adults  
THERESA SKAAR & KERRY S. KLEYMAN, Metropolitan State University (KERRY S. KLEYMAN, Faculty Sponsor)

46  
Effects of Alcohol Use and Attention Deficit Disorder on Performance on a GO/NO-GO Task  
ELYSE REAM, Wittenberg University (JOSEPHINE F. WILSON, Faculty Sponsor)

47  
How Beliefs in the Paranormal Predict Superstitious Behaviors  
RACHEL MARTIN & JESSICA RIGGS, University of Michigan Dearborn (ROBERT HYMES, Faculty Sponsor)

48  
The Link Between Relationship Satisfaction, Conflict Management Style, and Personal Well-Being  
MEGAN HOLLAND, North Central College (KARL KELLEY, Faculty Sponsor)
49
Satiation and the Need to Belong: Limiting Relationships Regulates Belongingness Needs
NICOLE HRASCH, Western Illinois University (KRISTINE KELLY, Faculty Sponsor)

50
Environmental Factors on Mood: A Look as to How Clothing Can Affect People’s Mood
FREDERICK A. GRANT JR. & FALYNN C. ALMEDA, Ashland University (BRENT A. MATTINGLEY, Faculty Sponsor)

51
Frontal Late Positive Potential Predicts Subsequent Memory for Pleasant Pictures
KIMBERLY LEWIS, ELIZABETH STEUER, MICHAEL DUKE, LAUREN TAUBITZ & EMILY BELLEAU, University of Wisconsin- Milwaukee (CHRISTINE LARSON, Faculty Sponsor)

52
Wagging Tails Fortify Belonging: Pets Buffer Negative Reactions to Rejection
JESSICA BARTZ, Western Illinois University (KRISTINE KELLY, Faculty Sponsor)

53
Perceived Social Support from Family and Peers
JESSICA RIGGS, University of Michigan Dearborn (JANE SHELDON & ROBERT HYMES, Faculty Sponsors)

54
The Development of Empathy: Patterns of Activation in the Prefrontal Cortex Across Age Groups
TATE HALVERSON, Hamline University (ROBIN PARRITZ, Faculty Sponsor)

55
An Overload of Prescriptive Norm Influence and its Effects on Cognitive and Emotional States in Relation to the Actual and Ought Self
ASHLEY BEGLEY, DAPHNE DAVIS & JOAN POULSEN, Indiana University-Purdue University Columbus (JOAN POULSEN, Faculty Sponsor)

56
Art That Really "Grabs" You: Using the Environment to Prime Concepts in a Creative Generation Task
The Painful Response to Working with a Burdensome Group Member
ANGIE S. LEROY, University of North Florida (JAMES H. WIRTH, Faculty Sponsor)

Effect of Humorous Test Items on Reading Comprehension Performance
JOSH FIECHTER, Indiana University Purdue University Fort Wayne (CAROL LAWTON, Faculty Sponsor)

Metacognitive Judgments of Retrieval Difficulty and Retrieval-Induced Forgetting
NGHI LE, University of Illinois at Chicago (BENJAMIN STORM, Faculty Sponsor)

Links Between Traits Relevant to Personality Pathology and Court Outcomes in Department of Human Services (DHS) Assessment Cases
ALEXANDRA KANE & THERESA A. MORGAN, University of Iowa (LEE ANNA CLARK, Faculty Sponsor)

The Influence of Family Interaction on Eating Attitudes in a Home and Independent Setting
EMILIE RUEHS, Wartburg College (SHAHEEN S. MUNIR, Faculty Sponsor)

Sweet Taste Pre-Exposure Influences Responding to Flavor Cues in Pre-Weanling Rats
SEAN B. OGDEN, Purdue University (SUSAN E. SWITHERS, Faculty Sponsor)

The Relationship of Viewing the Grandparent as a Role Model and the Intensity of Emotions Felt when with a Grandparent
BRITTANY JOHNSON, AMANDA AHLES & TIFFANY DAVIES, Saint Cloud State University (MARLENE DEVOE, Faculty Sponsor)

Ambiguity and Priming: A Modern Comparison
ELIJAH WISE, Marshall University (APRIL FUGETT, Faculty Sponsor)

65
Gaze Patterns During Viewing of Socially-Relevant Scenes in the
Non-Diagnosed Siblings of Individuals with Autism
CASSANDRA PARKER, University of Missouri (SHAWN CHRIST, Faculty Sponsor)

66
Perceptions of Academic Dishonesty in Liberal Arts Versus Major Courses
KEEGAN PAYNE & MARY KATE MULRY, Loras College (LISA GRINDE, Faculty Sponsor)

67
Exposure to Individuals of Varying Weights and Controllability Effects on
Fat Bias
AMANDA AHLES, St. Cloud State University (BRENDA N. BUSWELL, Faculty Sponsor)

68
Heart Rate Variability and Ethnicity Effects on Cognitive Performance
DEWAYNE WILLIAMS, SEAN PLASKETT, LASSITER SPELLER &
LABARRON HILL, The Ohio State University (JULIAN F. THAYER, Faculty Sponsor)

69
Transfer Effects of Day/Night Training on Executive Function Tasks for
Preschoolers
WHITNEY FOSCO, Bradley University (DEREK MONTGOMERY, Faculty Sponsor)

70
Effects of Lesions to the Thalamic Reticular Nucleus in Rats
JON-MICHAEL HUBER, Wittenberg University (JO WILSON, Faculty Sponsor)

71
The Effect of Work and Play Task Cues on Intrinsic Motivation
KRISTI DUTKO, Walsh University (JOSEPH WAYAND, Faculty Sponsor)

72
Don't Cheer Me Up, I'm Afraid to Die: The Effects of Terror Management
Theory and Positive Encouragement on Motor Skill Abilities
JENNIFER SCHULTZ & SHAWN YAMBOR, Ashland University (BRENT MATTINGLY, Faculty Sponsor)
73
A Model for Predicting Statistics Anxiety in College Students
AMANDA CLEVINGER, Eastern Illinois University (WILLIAM ADDISON, Faculty Sponsor)

74
Searching for Practical vs. Profound Insights into Unpleasant Life Experiences
ELISE GERAGHTY, University of Arkansas (DENISE BEIKE, Faculty Sponsor)

75
Sexual Advertisements: Does Objectifying Women Affect Men’s Body Image Self Esteem?
JALAAL MADYUN & ARIELLE BUTLER, Buena Vista University (JEANNE TINSLEY, Faculty Sponsor)

76
The Influence of Attractiveness on Memory Recognition
MICHELLE BEDDOW, KATELYN MCDOWELL, ANGELA JOHNSON, DANIELLE BALAGHI & JENAI MUHAMMAD, University of Michigan – Dearborn (ROBERT HYMES, Faculty Sponsor)

Psi Chi Poster Session IV

Thursday, 12:30 - 1:30  Upper Exhibit Hall
KARL BAILEY, Andrews University (MI)

1
Actual and Imagined Realities
TAMARA COKER & SAMANTHA HEINTZELMAN, University of Missour (LAURA KING, Faculty Advisor)

2
The Effects of a Multicultural Course to Preservice Education Students
DEVIN J. MILLS, Edgewood College (J. DAVID LAMBERT, Faculty Sponsor)

3
Terror-Management and Anti-Muslim Affect: Examining the Effects of Age and Religious Fundamentalism
TRACE ABER, Wright State University (MARTIN P. GOODEN, Faculty Sponsor)
4
The Legacy of Shared Parenting: Impact on Romantic Relationships and Gender Roles
RACHAEL COLLINS, Otterbein University (MICHELE ACKER, Faculty Sponsor)

5
Will Inducing Sadness Increase Giving Behavior in Preschooler Children?
ALYSSA SEGAL, Michigan State University (JUDITH DANOVITCH, Faculty Sponsor)

6
Condition Severity and Social Acceptance Outcomes in Children and Adolescents with Spina Bifida
CHRISTINA M. AMARO, BONNIE S. ESSNER & GRAYSON N. HOLMBECK, Loyola University Chicago (GRAYSON N. HOLMBECK, Faculty Sponsor)

7
Detection of Inauthentic Emotion: An Eye Tracking Study
JENNIFER WENNER, ALLYSON SCHAAN & REBECCA L. STINE, Minnesota State University Moorhead (ELIZABETH NAWROT, Faculty Sponsor)

8
Current Status of the “Psychology-Religion Gap”: Christian Religiosity and Mental Healthcare Treatment Seeking Behaviors and Attitudes
BETHANY SABOURIN, Denison University (ERIN HENSHAW, Faculty Sponsor)

9
High Staff Turnover at Facilities for Individuals with Developmental Disabilities
STEPHEN PROVANCAL, Lewis University (JOHN GREENWOOD, Faculty Sponsor)

10
Adult’s Data Comparison Strategies
JENNIFER GOLDER & REBECCA NEIMAN, Grand Valley State University (BRAD MORRIS, Faculty Sponsor)

11
The Relationship Between Body Dissatisfaction, Relationship Dissatisfaction, Self-Silencing, and Depressive Symptoms in Perinatal Women
MELANIE WARNING, Denison University (ERIN HENSHAW, Faculty Sponsor)

12
“Your Halfalogue Is Making Me Feel out of the Loop”: Overhearing Partial Conversations Leads to Feeling Excluded and Ignored
CHRISTOPHER J. WILLIAMS, University of North Florida (JAMES H. WIRTH, Faculty Sponsor)

13
Differences Between Asian and Asian American Parenting Styles: Permissive, Authoritarian, and Authoritative/Flexible
SUNGYOUNG HAN & WING MAN TING, Andrews University (HERBERT W. HELM JR, Faculty Sponsor)

14
Expression of Trauma Symptoms During Therapy for Preschoolers Exposed to Domestic Violence
CROSBY MODROWSKI, LAURA MILLER, SARAH HORN & ERIN HUNTER, The University of Michigan (SANDRA GRAHAM-BERMANN, Faculty Sponsor)

15
Understanding Variations in Antigay Prejudice: Examining Ingroup Biases Related to Race and Gender
RAYNE BOZEMAN, Wright State University (MARTIN P. GOODEN, Faculty Sponsor)

16
Patterns in Transmission of Political Values from Parents to College Students
TIMOTHY MORSE, Andrews University (HERBERT W. HELM JR., Faculty Sponsor)

17
The Impact of Incentives on Cooperation Within a Hierarchy
ZACHARY SCHUMACHER, MATTHEW ABBOTT, NICHOLAS VALENTINE & KATHERYN LESNER, Ohio University-Chillicothe (ANN C. RUMBLE, Faculty Sponsor)

18
Trust and Mood: The Effects of Mood on Trusting Behavior
NICHOLAS BANION & ZACKARY SZABO, Wittenberg University (CLIFFORD BROWN, Faculty Sponsor)
19 Children’s Understanding of How Emotions Affect Cognition
MEGHAN KANYA, Michigan State University (JUDITH DANOVITCH, Faculty Sponsor)

20 Religion, Death, and Prosocial Behavior: A Priming Study
WILLIAM F. O’CONNOR, WILLIAM G. GRAZIANO & MATTHEW P. KASSNER, Purdue University (WILLIAM G. GRAZIANO, Faculty Sponsor)

21 Adolescents’ Discussions with Friends about Romantic Relationship Problems
JAMES BRYANT, GARY C. GLICK & AMANDA J. ROSE, University of Missouri (MELANIE SHELDON, Faculty Sponsor)

22 Looking for Differences in Data: Children’s Data Comparison Strategies
REBECCA NIEMAN & JENNIFER GOLDER, Grand Valley State University (BRAD MORRIS, Faculty Sponsor)

23 Post Traumatic Stress Disorder and Resilience Among 2010 Haiti Earthquake Victims
CHRISTOPHER WHITE, Andrews University (HARVEY BURNETT, Faculty Sponsor)

24 The Effects of Texting on Memory Recall and Comprehension
BROOKE BLAHA & REBEKAH SMITH, University of Wisconsin- La Crosse (BIANCA BASTEN, Faculty Sponsor)

25 Comparing the Role of the Frontal Lobes and Age on a Decision Making Measure
ALYSON J. HOCK, Simpson College (EMILY SKOW, Faculty Sponsor)

26 Mindfulness, Relationship Satisfaction, and Psychological Distress in Arab Americans
K. MICHELLE JOHNSON, University of Michigan-Dearborn (MICHELLE T. LEONARD, Faculty Sponsor)
27  Implicit Attitudes of Vegetarians and Omnivores Toward Meat and Vegetables  
ASHLEY RAETHEL, Andrews University (KARL BAILEY, Faculty Sponsor)  

28  Exercise Addiction In Relation To Disordered Eating  
KAYLA BROOME & CAITLIN HORAN, Eastern Illinois University (AMY BRAUSCH, Faculty Sponsor)  

29  A Comparison of Test-Enhanced Learning and Self-Guided Study for the Short-Term Recall of Word Pairs  
VANESSA SCHWARTZ, MARYAM FATERIOUN & RACHEL STOEFFLER, University of Wisconsin - La Crosse (BIANCA BASTEN, Faculty Sponsor)  

30  The Effects of Childhood Abuse on Self-Injury Prevalence and Functions in College Aged Students  
ANNE KELLOGG, Eastern Illinois University (AMY BRAUSCH, Faculty Sponsor)  

31  Depression and Anxiety Correlates of Antigay Prejudice  
PAIGE BROWN, T’SHANNON CALICUTT & SHANICE WILLIAMS, Central State University (KYANA JACKSON, Faculty Sponsor)  

32  Perceptual Identification of Speaker Ethnicity and Gender by Caucasian Listeners  
CHELSEA E. LYNCH, JACQUELINE M. CANONACO, RYAN M. TUSSEY & ELIZABETH A. VAN OSS, Hope College (SONJA TRENT-BROWN, Faculty Sponsor)  

33  Social Categorization and Perceptual Accuracy in Minimal Groups  
LORINA KARRECI, ELENA BEGUNOVA, CURT DOBBS, RACHEL MARTIN & AMANDA BRUSS, University of Michigan-Dearborn (ROBERT HYMES, Faculty Sponsor)  

34  Coregulation of College Roommates’ Stress  
MARY HUFF, Simpson College (EMILY SKOW, Faculty Sponsor)
The Effect of Threat on Performance: How Upward Social Comparisons Bolster Performance
JULIE EYINK, The Ohio State University (ROBERT ARKIN, Faculty Sponsor)

The Effects of Similarity and Accuracy of Shared Mental Models and Team Cognition on Performance
MATT SCHUMANN, NICHOLAS AREND & JOSHUA STEIN, Minnesota State University-Mankato (ANDREA LASSITER, Faculty Sponsor)

An Examination of Caffeine Consumption and Sexual Behaviors in a Human Population
ADNAN SMAJIC & CHELSYE MAYLEE, University of Missouri – Saint Louis (JENNIFER SICILIANI, Faculty Sponsor)

Simulated and Remote Online Labs: A Comparison of Novel Methods in Scientific Learning
MICHAEL DOWNING, MEGAN SAUTER, DAVID UTTAL, DAVID RAPP & KEMI JONA, Northwestern University (DAVID UTTAL, Faculty Sponsor)

An Examination of Phonological Processing of Speech Syllables in Working Memory
MEAGHAN DUNNE, LAUREN HOFFMAN, JESSICA GUNTHER & MEGHAN JOSHI, Bradley University (CYNTHIA ZDANCZYK, Faculty Sponsor)

What is Ground Shaped Like When You Can’t See It?
JOSEPH BORDERS, ALEX RICKELS & NICK DELGROSSO, Wittenberg University (JOSEPHINE WILSON, Faculty Sponsor)

Effects of Question Type, Question Repetition, and Feedback Style on the Accuracy of Responses Given After Witnessing a Mock Crime
EMILY FRIESS, Adrian College (STACEY TODARO, Faculty Sponsor)

Who’s to Blame? Perceptions of Domestic Violence in Biracial Relationships
ALLYSON MCELLIGOTT, University of Wisconsin – La Crosse (BIANCA BASTEN, Faculty Sponsor)
43
A Terror Management Perspective on Cultural Affiliation and Food Intake
JESSICA L. VOLK, Simpson College (EMILY SKOW, Faculty Sponsor)

44
Students’ Perceptions of College Professors: The Relationships Among
Student Gender, Professor Gender, and Professor Attire
DANIELLE WILSON, KARRIE PERRY & ANDREA HOPKINS,
Culver-Stockton College (JILL COMPTON, Faculty Sponsor)

45
Gay-Straight Alliance Programs in High Schools: Effects on Attitudes
Toward LGBT Individuals
DANIELLE REED & TARA SHOEMAKER, University of Missouri-St. Louis
(MATTHEW TAYLOR, Faculty Sponsor)

46
Romantic Relationships: Geographically Close Relationships Versus
Long-Distance Relationships
DARRINA BLEDSOE, Simpson College (SAL MEYERS, Faculty Sponsor)
University of Northern Iowa (HELEN HARTON, Faculty Sponsor)

47
The Effect of Implicit Theory Activation and Gender Stereotype Activation
on Gender Differences in Mathematical Performance
SEAN E. NELSON, St. Cloud State University (BRENDA N. BUSWELL,
Faculty Sponsor)

48
Predicting Academic Performance of College Students: Difference in
Gender, Course Load, Extracurricular Involvement, and Living
Environment
ERIKA HOLZER, DREW STEVENS, RYAN LEAF, MARTA ADAMCZYK,
RICHARD MICHAELSON, SAM GASTER, CLARE BUCKLIN, THEA
TAYLOR & SHANE BARRON, University of South Dakota (GEMMA
SKILLMAN, Faculty Sponsor)

49
Factors Related to Gossip and Verbal Aggression in Females
MIKE ALNARSHI & ANDREA BEAULIEU, University of Michigan- Flint
(MARIANNE MCGRATH, Faculty Sponsor)

50
Interaction Between Collaborative Testing and Need for Cognition
PETER TOMASEK, Adrian College (HENRY CETOLA, Faculty Sponsor)
51
Self Efficacy: Ability or Willingness?
SANDY VUE, ALISON MEREDITH, BANU OZTUNCER & M. T. PAPPAS,
University of Wisconsin – Milwaukee (SHAWN P. CAHILL, Faculty Sponsor)

52
The Effects of Divided Attention on Encoding Word Paired Associates:
Examining Implications to the Learning Process
AUGUST RAACK, Wartburg College (SHAHEEN S. MUNIR, Faculty Sponsor)

53
Praise Influences Children’s Attention to Errors
SUZANNE FIGEL, SHANNON ZENTALL & BRAD MORRIS, Grand Valley
State University (BRAD MORRIS & SHANNON ZENTALL, Faculty Sponsors)

54
Prosocial Tendencies in Adolescents: The Effects of Bilingualism,
Bilingualism Attitudes and Ethnicity
ASHLEY GARZA, STEPHEN AGAÚAS & KYLE STUFFLEBAM, Hope
College (LORNA HERNANDEZ JARVIS, Faculty Sponsor)

55
Jersey Chasers: The Effect of Intercollegiate Athletics on Attractiveness
COREY WEBER & ADAM KATTOUA, Wittenberg University (CLIFFORD
E. BROWN, Faculty Sponsor)

56
The Effect of Opposing Sources and Uncertainty on Risk Perceptions
MOLLY BURNS, University of Wisconsin La Crosse (KATY
KORTENKAMP, Faculty Sponsor)

57
Effects of Caffeine Consumption on Mood and Physiological Responses to a
Speech Task
ELLIS VALENTINER & CLARA DUX, University of Minnesota, Morris
(JEFF RATLIFF-CRAIN, Faculty Sponsor)

58
Body Dissatisfaction: The Effects of Body Mass Index on Reactions to
Media Images
LYNDSEE COOPER, The Ohio State University at Mansfield (PHILIP
MAZZOCCO, Faculty Sponsor)
59
Hemisphere Differences in the Processing of Idioms
MEGAN BARDOLPH, Calvin College (PAUL MOES, Faculty Sponsor)

60
The Effects of Social Anxiety and the Level of Exercise on Body Image Among College Students
HOLLY FLEIGLE, RACHAEL SORGER, MARIA BYNDOM & CAROLINE RAY, Southern Illinois University Edwardsville (CHRISTOPHER B. ROSNICK, Faculty Sponsor)

61
An Evolutionary Look at Attraction
SEVAN MAKHOULIAN, University of Michigan-Dearborn (DAN SWIFT, Faculty Sponsor)

62
Effects of Postnatal Choline Supplementation on Novelty Exploration in Rats
KEVIN SCHMIDT & MARY BOSWORTH, Wright State University (DRAGANA CLAFLIN, Faculty Sponsor)

63
Team and Individual Sports: A Comparison of Participation
MICHAEL NOLEN, University of Wisconsin-River Falls (TODD WILKINSON, Faculty Sponsor)

64
Comparing the Perceived and Actual Effects of Ecstasy on Sexual Arousal and Behavior
NIKQUAN LEWIS & ANGEL LEWIS, Cardinal Stritch University (TERRY STEELE, Faculty Sponsor)

65
Relating Decision Making Styles, Depressive Symptoms and Induced Mood to Risk Aversion
JAMI GAUTHIER, The Ohio State University (THOMAS E. NYGREN, Faculty Sponsor)

66
Predicting Reactions to Ostracism
ABIGAIL HARRIS, University of Northern Iowa (NICHOLAS SCHWAB, Faculty Sponsor)

232
67
The Effect of Nonverbal Communication on Perception and Recall
CHRISTINA NELSON & JENNIFER VAN EWYK, Elmhurst College
(HELGA NOICE, Faculty Sponsor)

68
The Effects of Construal Levels on System Justification
MICAH GOLDFARB, The Ohio State University (KENTARO FUJITA, Faculty Sponsor)

69
Reactions to Politicians’ Involuntary Displays of Contempt
MEGAN GEYER, Northern Illinois University (REBECCA HANNAGAN, Faculty Sponsor)

70
An Examination of Ongoing Neural Activity During Social Exclusion
STEPHANIE M. KHATCHERIAN & AARON B. BALL, Illinois Wesleyan University (JASON R. THEMANSON, Faculty Sponsor)

71
The Effect of Self-Affirmation and Perspective Differences on the Perception of Lies
KRISTOPHER B.E. HANSGEN, St. Cloud State University (BRENDA N. BUSWELL, Faculty Sponsor)

72
Attachment, Personality, and First-Time Parents’ Postnatal Jealousy of Their Infant
ALLIE HAIDET, The Ohio State University (SARAH SCHOPPE-SULLIVAN, Faculty Sponsor)

73
Postnatal Choline Supplementation Enhances Trace Eyeblink Conditioning in Young Rats
MOLLY MIKLASEVICH, Wright State University (DRAGANA CLAFLIN, Faculty Sponsor)

74
Media’s Influence on Body Image: An Eye Tracking Study
JENNIFER LIVINGOOD, Minnesota State University Moorhead; MEGAN WEEK, University of North Dakota & JACQUELYN SCHMIDT, Minnesota State University Moorhead (ELIZABETH NAWROT, Faculty Sponsor)
Self Control Success Through Motivated Use of Abstraction
MELISSA KWITOWSKI, The Ohio State University (KENTARO FUJITA, Faculty Sponsor)

Did I Just Say That Out Loud? Thought Suppression, the Experience of Conscious Will, and Working Memory
RYAN PERSONS, University of St. Thomas (GREGORY ROBINSON-RIEGLER, Faculty Sponsor)

Psi Chi Poster Session V
Thursday, 1:40-2:40  Upper Exhibit Hall
LEANNE OLSON, Wisconsin Lutheran College (WI)

1 Hemispheric Asymmetries in Discriminating Between and Within Racial Categories
MEGAN DAVIS, University of Chicago (JOSHUA CORRELL, Faculty Sponsor)

2 Cerebellar Volumes and Executive Functioning in Younger Individuals
CIARRA YANCEY, University of Missouri-St. Louis (ROBERT PAUL, Faculty Sponsor)

3 Differences in Mindset and Motivation Among Athletes and Non-Athletes
ANGELA CABAN, Minnesota State University, Mankato (EMILY STARK, Faculty Sponsor)

4 Empathic Accuracy in Novel Social Categories
MICHELLE EVANS, JOHN MCDOWELL, ANJANA PILLARISSETTY, AVNI PATEL & JASMINE ABUROUMAN, University of Michigan-Dearborn (ROBERT HYMES, Faculty Sponsor)

5 Is That a Gray Hair? Perceptions of Personality Traits Based on Hair Color
MICHELLE BEDDOW, University of Michigan – Dearborn (ROBERT HYMES, Faculty Sponsor)
6
Culture, Individual Self-Esteem, and Collective Self-Esteem: Predicting Positive Views of the Self
JUSTINE MCGARVEY, KENDRA BUCHELI & NAVNEET SANDHA, Buena Vista University (WIND GOODFRIEND, Faculty Sponsor)

7
The Effects of Acculturative Stress and Ethnic Identity on Bilingual Attitudes and Bilingualism in Latino Adolescents
CHELSEA E. LYNCH, TREVOR A. COELING, SARAH D. EKLOV & KELLY L. RAYMOND, Hope College (LORNA HERNANDEZ JARVIS, Faculty Sponsor)

8
The Unattainable Body Image Ideals for Men and Women: Effects of Modes of Media, Motivations and Personality Correlates as Risk Factors
CHRISTINE DUDERO, Hamline University (PAULA MILLINEAUX, Faculty Sponsor)

9
The Role of Ethnicity and Status on Judgments of Witness Persuasiveness and Trustworthiness
PATRICK RYAN & ADAM HALL, University of Wisconsin Platteville (SEAN SHIVERICK, Faculty Sponsor)

10
Are Boys Really Better At Math?: An In Depth Look Into Stereotype Threat, And Its Effect On The Math Performance Of Women
BRIANNA DAVIS, Adrian College, (STACEY TODARO, Faculty Sponsor)

11
Variables That Predict a Latino/a Student’s Intent to Pursue a Graduate Degree
ALISON L. WESOLOWSKI, Dominican University (REBECCA PLISKE, Faculty Sponsor)

12
Temporal Integration with Dichoptic Stimuli Presentations
MICHELLE EVANS, University of Michigan-Dearborn (ROBERT HYMES, Faculty Sponsor)

13
The “Perfect” Mother: Individual or Cultural Construction of Modern Motherhood
TRACY SIMS, Otterbein University (ROBERT KRAFT, Faculty Sponsor)
14 Investigating Moral Conviction Under Conditions of Mindfulness and Mindlessness
JENNIFER N. BAUMGARTNER, University of Illinois at Chicago (LINDA J. SKITKA, Faculty Sponsor)

15 A Psychometric Comparison of Risk-Taking Measures
BRITTANY LANG, Minnesota State University, Mankato (DAWN ALBERTSON, Faculty Sponsor)

16 Personality and Visual Attention
OLIVIA TITUS, Andrews University (KARL BAILEY, Faculty Sponsor)

17 Do I Look Happy to You? What Role Does a Person's Own Happiness and Emotion Recognition Ability Play in Perceiving Ambiguous Faces?
KAITLYN YEMM, JONATHON VANBUREN, RITA LETTERLY, BRIANNA BEAL & ROBIN HENRY, Southern Illinois University Edwardsville (CATHERINE DAUS, Faculty Sponsor)

18 The Effect of Mood on Risky Decisions
KAYLA HOLLENBECK, Calvin College (PAUL MOES, Faculty Sponsor)

19 Relationships of Goal Orientation, Motivational Climate, and Participation in Sport and Exercise
MICHAEL WOODWARD, University of Wisconsin- River Falls (TODD WILKINSON, Faculty Sponsor)

20 Surveying College Students about Their Perceptions of Test Accommodations
AMBER SANZ, Minnesota State University- Mankato (CARLOS PANAHON, Faculty Sponsor)

21 Hemispheric Dominance and The Spinning Silhouette Illusion: Debunking the “Left vs. Right Brain Test”
ALEXANDER WOLDEN, University of Wisconsin—Superior (ELENI PINNOW, Faculty Sponsor)
22
Gambling: The Fourth Executive Function
ALLEN GOEBL, Bradley University (ALLEN HUFFCUTT, Faculty Sponsor)

23
Combined Effect of Prenatal Stress, Prenatal Diet and Maternal Genotype on Offspring Behavior
CHRISTINE GIESING, KAREN JONES & MATTHEW WILL, University of Missouri Columbia (MELANIE SHELDON, Faculty Sponsor)

24
Heart Rate Variability for Transgressors’ Imagery of Seeking Forgiveness and Self-Forgiving
MELISSA ARMSTRONG, Calvin College (SERGIO DA SILVA, Faculty Sponsor)

25
Identity-Taking and Negative Behavior in Narratives
CAROLYN Kragh, The Ohio State University (LISA LIBBY, Faculty Sponsor)

26
The Effects of Gesture and Emotion on Memory
CHRISTOPHER SYKES, University of Wisconsin-Platteville (SEAN SHIVERICK, Faculty Sponsor)

27
Time Since Injury, Social Support, and Satisfaction with Personal Skills Among Individuals with Violently Acquired Spinal Cord Injuries (VASCI)
MICHELLE ROBIN, TRIPT BAJWA, CHRISTINA BUELNA & SHAWN DIMPFL, University of Illinois at Chicago (FABRICIO BALCAZAR, Faculty Sponsor)

28
The Chameleon in Love: The Effect of Relationship Status on Mimicry
CHARLES EBERSOLE, STEPHANIE ROWE, HEIDI JANUSZ, JUSTIN MILLS, AMANDA OVERBECK & JENNIFER ALDRICH, Miami University (CARRIE E. HALL, Faculty Sponsor)

29
Visual Reaction Time and Accuracy as a Function of Type of Videogame and Videogame Participation
ZACHARY EITENS, St. Cloud State University (BRENDA N. BUSWELL, Faculty Sponsor)
30
Victim Pretrial Publicity Influence Jurors’ Verdicts Aligned with the Just World Theory
SAM TUHN, MELISSA NIGHT & DEAH QUINLIVAN, Iowa State University
(GARY WELLS, Faculty Sponsor)

31
The Mediating Effect of Foreign-Accented English on Perceived Physical Attractiveness
JESSICA FERGUSON & SAMUEL HOWARD, University of Wisconsin-Superior (ELENI PINNOW, Faculty Sponsor)

32
Measuring New Grandmothers’ Gatekeeping Behavior
ROBERT NICHOLS, The Ohio State University (SARAH SCHOPPE-SULLIVAN, Faculty Sponsor)

33
Male Preferences of the Female Body Type
NICHOLAS JACOBSON, BRITTANY JACOBSON & SHANNON CLARK,
Truman State University (MICHELE BREAULT, Faculty Sponsor)

34
Empathy, Personality, and Couples’ Communication over the Transition to Parenthood
LEIGH ESKIN, The Ohio State University (SARAH SCHOPPE-SULLIVAN, Faculty Sponsor)

35
Parental Acceptance-Rejection, Self-Esteem, and Fear of Negative Evaluation Among Females
LAURA RUNDELL, CARRIE M. BROWN & AVNI SHAH, Saint Louis University (JUDITH L. GIBBONS, Faculty Sponsor)

36
Individual Differences, Preferences, and Uses in the Efficacy of Music Therapy
STEFAN GUDZ, JESSICA HARRIS, AMANDA JOHNSON & DANIEL PARTIN, University of Toledo (JASON ROSE, Faculty Sponsor)

37
The Influence of Menstrual Hormones on Brain Hemispheres
THALIA STROOBOSSCHER, Calvin College (PAUL MOES, Faculty Sponsor)
38  
Aspects of Personality as Predictors of Pain Threshold  
YANGFEIFEI GAO, CASEY SARAPAS, BRADY D. NELSON, MIRANDA L. CAMPBELL, SARAH E. ALTMAN, E. JENNA ROBISON-ANDREW & STEWART A. SHANKMAN, University of Illinois at Chicago (STEWART A. SHANKMAN, Faculty Sponsor)

39  
Effects of Repentance on Stigma of a Homosexual  
STEVE WIPJEWSKI, Wisconsin Lutheran College (WENDY CLOSE, Faculty Sponsor)

40  
College-Age Women’s Perception of Childbirth  
JILLIAN LOPINA, Saint Mary’s College (REBECCA STODDART, Faculty Sponsor)

41  
Effects of Parenting Styles on Self-Esteem in College Students  
MICHELA DALSING, Wartburg College (SHAHEEN S. MUNIR, Faculty Sponsor)

42  
Effects of Political Orientation on Attitudes Towards People with Disabilities  
NILE JONES, BRAYDEN RICHTER, BETHANY SIEGEL & THOMAS DIRTH, University of Northern Iowa (HELEN C. HARTON, Faculty Sponsor)

43  
The Benefits and Concerns when Hiring People with Developmental Disabilities  
KYLIE STUFFLEBEAM, Monmouth College (KRISTIN LARSON, Faculty Sponsor)

44  
Religion Is Not the Only Motivator for Volunteering  
MARINA NOVAKOVIC & KRISTEN STODOLA, Cardinal Stritch University (TERRANCE STEELE, Faculty Sponsor)

45  
The Effect of Anonymity on Anti-Social Behavior  
ALICIA MATTOX, University of Michigan Dearborn (ROBERT HYMES, Faculty Sponsor)

239
Examining the Stigma of ADHD: The Effects of Age and Controllability
STEPHANIE SWENSON, St. Cloud State University (BRENDA N. BUSWELL, Faculty Sponsor)

Facebook Study: Facebook Customs
CASSIE DEVORE, Illinois Wesleyan University (MARIE NEBEL-SCHWALM, Faculty Sponsor)

Does Appearance Affect Hiring?
KATHERINE OLSON, Lewis University (MARY VANDENDORPE, Faculty Sponsor)

Vive la Musique
CORINNE SCHILD & KIRSTEN PETERSON, Hope College (SONJA TRENT-BROWN, Faculty Sponsor)

Relative, Absolute, and Self-Referential Preference Versus Aversion for Pathological Personality Traits in Romantic Partners
GAYLE GRECO & THERESA MORGAN, University of Iowa (LEE ANNA CLARK, Faculty Sponsor)

The Effects of Item Generation on Retroactive Memory Interference
CHRISTIAN M. BARILLE, TIMOTHY M. GATES, ZACKARY C. SZABO & KATHERINE L. ZANE, Wittenberg University (CARA LANEY, Faculty Sponsor)

The Effects of Time Pressure on Stereotypical Attitudes Towards Individuals of Low Socio-Economic Status
LAURA D. VAN BERKEL, EMILY FRANKOSKI & CAROLINE HOYNIAK, Saint Louis University (KRISTIN KIDDOO, Faculty Sponsor)

Does Gender Affect How Participants Perceive the Researcher’s Intelligence?
KATIE SCHWARTZ, Minnesota State University, Mankato (KRISTIE CAMPANA, Faculty Sponsor)
54
Working Memory Tasks: An Assessment of the Random Number Generation Methodology
SAM KRAMER & ALEX BURCHARDT, Truman State University (DAVID CONNER, Faculty Sponsor)

55
The Emotional Power of Transformational Leaders: Creativity and Detail Focus
LAUREN CRONIN, KIMBERLY KIRK, JORDAN SHAW & SARA KENNERLY, Southern Illinois University Edwardsville (CATHERINE DAUS, Faculty Sponsor)

56
Transfer-Appropriate Processing, Memory Cues, and Constraint on Access
ROGER KNUTSON, CHRISTINA ZIMMERMAN, JANAE LYON, KIRANJIT SAGGU & ERIK OLSEN, University of Wisconsin River Falls (LISA ISENBERG, Faculty Sponsor)

57
Environmental Enrichment During Adolescent Development in a Rat Model of ADHD Increases Dopamine Transporter Expression and Increases Cognitive Performance in a T-Maze Task
J. GUNTHER, C. MAREK & M. SOUTHARD, Bradley University (TIMOTHY E. KOELTZOW, Faculty Advisor)

58
Am I Happy Or Just Symmetrical? Effects of Priming and Perception of Facial Attractiveness and Emotional Expression
VILOSHANAKUMAR VEERAMANI, MUNIRA HASSAN & MARIO RODRIGUEZ, St. Cloud State University (LESLIE VALDES, Faculty Sponsor)

59
Predictors of Attentional Variability on a College Campus
ELKYN BELTRE & CARLOS RAMOS, Andrews University (KARL G. BAILEY, Faculty Sponsor)

60
Testosterone Level and Theory of Mind Test
JON PEDERSEN, University of Northern Iowa (M. CATHY DESOTO, Faculty Sponsor)

61
Symptomatic Responsive Parenting of Autistic Children
ANGELA ANDREWS, Saint Mary’s College (REBECCA STODDART, Faculty Sponsor)

62
Heart Rate Regulation and Child Behavior Checklist Sub-Scores in Typically Developing Children
MYAH HOUGE & ELLEN BESTE, Marquette University (AMY VAUGHAN VAN HECKE, Faculty Sponsor)

63
Emotional Affect and Processing Levels on False Memory
VALERIE MANDOSKE, ALLISON MECCA, HIKARU TSUJIMURA & JESSIE JEEVARAJAN, Saint Louis University (KRISTIN KIDDOO, Faculty Sponsor)

64
The Association of Attachment with Romantic Relationship Satisfaction
NICOLE TIBERI & STEPHANIE GORDON, Ashland University (BRENT MATTINGLY, Faculty Sponsor)

65
Survey of Psychological Services Requested by the Public in Various Medical Settings
KARLY MURPHY & JAIME VANHEEST, Hope College (SONJA TRENT-BROWN, Faculty Sponsor)

66
Stereotypes and Attribution of Drug Users or Abusers
JESSICA RIGGS, JONATHAN SCHICK & LORINA KARRECI, University of Michigan Dearborn (ROBERT HYMES, Faculty Sponsor)

67
Examining the Validity of Selective Directed Forgetting
BRITTANY M. WILSON & REBECCA H. KOPPEL, University of Illinois at Chicago (BENJAMIN C. STORM, Faculty Sponsor)

68
Analyzing Weight, Health and Attractiveness: Is Tanner Better?
JENNA WALL, ASHLEY HEMRICH & JUSTINE SCHMITT, Southern Illinois University Edwardsville (LAURA PAWLOW, Faculty Sponsor)

69
Relationships Between Stress Levels and Sleep Habits of College Students
REBECCA JURICIC, Lewis University (CHWAN-SHYANG JIH, Faculty Sponsor)
The Effects of Language Fluency on the Recognition of Words Spoken in a Novel Accent
SAMUEL HOWARD & JESSICA FERGUSON, University of Wisconsin-Superior (ELENI PINNOW, Faculty Supervisor)

Religiosity, Race & Well-Being: How Congregational Diversity Relates to Health Outcomes for Blacks and Whites
MAURICE MCCALISTER & MARCUS BROWN, Wright State University (MARTIN P. GOODEN, Faculty Sponsor)

Strangers: Why Individuals Accept Their Digital Candy on Facebook
MEGEN VALERINO & SARAH SLADICK, Ashland University (BRENT MATTINGLY, Faculty Sponsor)

Emotions in Everyday Life
HEATHER COOPER, Ohio University (CLAUDIA GONZALEZ-VALLEJO, Faculty Sponsor)

Beauty & Eroticism as Predictors of Artistic Quality
DYLAN O’BRIEN, Minnesota State University Moorhead (WILLIE HALLFORD, Faculty Sponsor)

Bullying and its Effects on Emotional, Academic, and Social Well-Being
MARGOT NEVIN, Wittenberg University (JOSEPHINE WILSON & STEPHANIE LITTLE, Faculty Sponsors)

The Effects of Communicating about Stress among College Friends, Partners and Roommates
CHRISTINA S. KHOU & ASANI SEAWELL, Grinnell College (ASANI SEAWELL, Faculty Sponsor)
All Psi Chi students and faculty advisors are invited to come and enjoy some refreshments and getting to meet one another. Awards will be presented at 4:00.

Thursday, 3:30-5:00

HOSTS: DANIEL P. CORTS, Augustana College (Psi Chi Midwest Vice President), and the Psi Chi Midwestern Steering Committee: KARL BAILEY, Andrews University (MI); REGAN GURUNG, University of Wisconsin – Green Bay (WI); KARL KELLEY, North Central College (IL); DAVID KREINER, University of Central Missouri (MO); LEANNE OLSON, Wisconsin Lutheran College (WI).
Psi Chi Regional Research Award Posters

Friday, 8:15-10:00
Upper Exhibit Hall
DANIEL CORTS, Augustana College (IL), Moderator

38 Assigning Responsibility for Pro-Social and Anti-Social Greek Pledging Activities
STEPHANIE LORIA, Augustana College (DANIEL CORTS, Faculty Sponsor)
This study focuses on the attribution of responsibility for both pro-social and anti-social actions by members of Greek systems, specifically social fraternities and sororities. We found that those in social Greek groups spread blame for anti-social and pro-social amongst members evenly, while the non-Greeks tended to blame the pledge more.

39 Effectiveness of Cognitive-Behavioral Therapy in Reducing Anxiety Among Those with Autism Spectrum Disorders: A Meta-Analysis
JORDAN CONSTANCE & NICHOLAS JACOBSON, Truman State University (JEFFREY VITTELNG, Faculty Sponsor)
This meta-analysis of peer-reviewed research tested the efficacy of cognitive-behavioral therapy in reducing anxiety among those with autism spectrum disorders. Analyses are underway. Preliminary findings suggest that cognitive-behavioral therapy is effective for the treatment of anxiety with autism spectrum disorders.

40 The Effect of Need for Cognition on False Recall in the Deese-Roediger-McDermott Paradigm
SONYA IZADI, JEFFREY PIRTLE, REGINA TILLMON & KANISHA L. COLLIE, University of Missouri- St. Louis (BARBARA BUCUR, Faculty Sponsor)
The study investigated effects of need for cognition on false recall in the Deese-Roediger-McDermott paradigm. Results indicated individuals with a high need for cognition were less likely to commit false recall. This contrasts with similar research using a recognition task, which is likely due to disassociations between recall and recognition.
Structure of Motivations for Drinking and its Relations to Personality and Self-reported Drinking Behavior
SUZANNE PETERSON & THERESA A. MORGAN, University of Iowa (LEE ANNA CLARK, Faculty Sponsor, University of Notre Dame)
The current project examines (1) the structure of 24 drinking-motivations scales, and (2) their relations to normal-range personality. 150 University of Iowa undergraduates (final target N =300) completed self-reports of drinking motivations, the IPIP-NEO, and the Daily Drinking Questionnaire. Results suggest significant relations between motives, personality, and drinking scales.

The Influence of Instructions on Stress Responses
BRIDGETTE BONIFAS, Wright State University (TAMERA SCHNEIDER, Faculty Sponsor)
We examined the effects of directive instructions on stressor appraisals. Stressor appraisals varied naturally for task 1 but were instructionally manipulated for task 2. Appraisals tended to differ for task 2, depending on instructions. Threat appraisals predicted negative emotion across tasks. Threat predicted worse performance in task 2.

The Relationship Between Parent-Adolescent Communication and Sexual Behaviors in College Students
TARA PRINE, Central College (EDMOND E. WILLIS, Faculty Sponsor)
This study investigated the relationship between parent-adolescent communication and sexual behaviors in college students. No relationship was found between parent-adolescent communication and any of the sexual behaviors hypothesized. A longitudinal study could be done to assess the age at which sexual communication has the most impact.

Examining Differences in Emergent Leadership: Predictors across Face-to-Face and Virtual Teams
SHANNON SOMMER & ALYSSA PETRANGELO, University of Wisconsin-River Falls (TRAVIS TUBRÉ & BRYAN D. EDWARDS, Faculty Sponsors)
This study investigated whether extraversion, sex, and general cognitive ability predicted leader emergence in face-to-face and virtual problem solving teams. Extraversion was a significant predictor of leader emergence in the face-to-face condition, but not in the virtual condition. Neither sex nor cognitive ability predicted leader emergence in either condition.

Affective State and Headache Onset
BRITTNEY OWENS, University of Cincinnati (CHRISTINE HOVANITZ & KENNETH KING, Faculty Sponsors)
The purpose of this study was to investigate predisposing mood states as predictors of headache onset. Data analysis showed that participants who developed a headache after completion of a stress task reported a significantly lower positive affect at arrival to the study. Negative affect, however, did not significantly predict headache onset. The results suggest lower positive affect may indicate increased vulnerability to developing a headache.

46
Instructions Outshine Mood Congruence in List Method Directed Forgetting
KIMBERLY KLEIN, AMANDA MURUATO & CHRISTOPHER FOWLER, Augustana College (DANIEL CORTS, Faculty Sponsor)
This study investigated mood congruence in the context of list-method directed forgetting. Our data supported previous directed forgetting findings, but these did not interact with mood congruence manipulations. Results are discussed in the context of the outshining hypothesis.

47
Criminal or Late? Explicit Attributions for Race and Socioeconomic Status
MELISSA KNIGHT, SAMANTHA TUHN, ANNA TUROSAK, DESIRAE RUNYON & DEAH QUINLIVAN, Iowa State University (GARY WELLS, Faculty Sponsor)
We examined judgments made towards race and socioeconomic status. Using a 2 (black v. white) x 2 (low SES v. high SES) between-participants design; participants watched one of four videos. A man (black or white) runs out of a gas station and drives away. Results and implications are discussed.

48
Family Structure and Attachment’s Influence on Coping Flexibility and the College Transition
BRANDON HOLLISTER, Nebraska Wesleyan University (MARILYN PETRO, Faculty Sponsor)
Coping with the college transition was examined in students with different family structures and attachment styles. Securely attached students from step/single families are predicted to express the most coping flexibility and the least depressive symptoms, indicating the importance of attachment style when experiencing manageable stress during child development.

49
Alogia and Interference Resolution in Schizophrenia
MIA FUSCO, University of Missouri-Columbia (MELANIE SHELDON, Faculty Sponsor)
Alogia, or poverty of speech, is a common and poorly treated symptom of schizophrenia. The current study examined whether alogia is associated with deficits in interference resolution (IR). We examined whether alogia is associated with poor IR task performance and whether speech cues that decrease IR demands will decrease alogia.

50 Exploring Extraversion and Narcissism in Facebook Activity
DEIRDRE PAULSON, SARA PRELL & ALEX NICHOLS, University of Wisconsin – River Falls (TRAVIS TUBRÉ & RICHARD SEEFELDT, Faculty Sponsors)
Using a novel protocol, we examined relationships between extraversion, narcissism, and user profile characteristics on Facebook. Extraversion was a significant predictor of the number of Facebook friends, number of photos posted on Facebook, and number of profile status updates. Narcissism predicted the number of friends, but no other profile characteristics.

51 Escaping an Undesired Categorization: Stereotype Threat Using a Dance Task
KELSEY THIEM, Creighton University (THOMAS LEE BUDESHEIM, Faculty Sponsor)
This study explored an unexamined form of stereotype threat in which one’s performance on a task could be used to infer an undesired group membership. The results of a survey and experimental study indicate that performance on a dance task may be sabotaged to avoid an undesired group categorization.

52 Family Planning Attitudes in College Students
MADELINE BLACK & EMILY BECK, Aurora University (DAVID RUDEK, Faculty Sponsor)
This study investigated college student family planning attitudes. Using various scenarios of a character making childrearing decisions we manipulated two major evolutionary factors (i.e., mating effort and parental investment). Results suggest that having to extend high mating effort superseded most other social factors (e.g., family size, religiosity).

53 Influence of Personality and Mood on Impulse Control in Prison
BRITTNEY KLAUSER, ANA MENDOZA & LISA STEGMILLER, Western Illinois University (REGINALD ADKISSON, Faculty Sponsor)
This study investigates how personality traits, mood, and anxiety disorders affect incarcerated male’s impulse control. Participants completed the Millon Clinical Multiaxial Inventory, Third Edition and Behavioral Rating Inventory of
Executive Function. Multiple regression analysis, supports that compulsivity and mania have a significant effect on decreasing impulse control.

54
Relation Between Self-Reported and Observed Use of Praise in Mothers of Preschool-Aged Children
TIFFANY DUCATO & ELLEN HUNKA, Elmhurst College (CATHERINE GAZE, Faculty Sponsor)
This study investigated parent reported beliefs about praise and the relation to observed use of praise during a laboratory visit, considering child gender and behavior. No significant correlations were found between parent reported beliefs about praise and observed praise, indicating the potential limitation of self-report data in assessing parent behavior.

55
The Effects of Survival Processing and Stress on False Memory
BRANDI BALENSIEFEN, North Central College (DANIEL VANHORN, Faculty Sponsor)
The purpose of this study is to investigate the effects of survival processing and stress on false memory. It is expected that survival processing is more sensitive to the negative effects of stress, suggesting that survival processing is not always superior to other types of processing.

56
The Role of Non-Lexical Cuing in the Phoneme Restoration Effect
KIMBERLY SUOZZI, Truman State University (TERRY PALMER, Faculty Sponsor)
This study investigated the relationship between rhythmic cuing and discrimination ability for sound-replaced phoneme targets. A repeated measures ANOVA revealed that cues increased discrimination ability only for the first half of trials. Results suggest rhythmic cues capture attention and weaken phoneme restoration, but that these cues lose novelty after exposure.

57
Repeated Methylphenidate Administration During Adolescent Development in a Rat Model of Depression
CAITLIN COSME & JEFFREY RICE, Bradley University (TIMOTHY E. KOELTZOW, Faculty Sponsor)
The purpose of the present experiments was to assess the impact of chronic adolescent methylphenidate (MPH) administration in the control strain of a rat model of attention-deficit/hyperactivity disorder. MPH resulted in enhanced acquisition of a T-maze task and decreased behavioral anxiety in an open field among Wistar-Kyoto rats.
Effects of Chronic Caffeine Usage on Delayed Recall and Attention in Elderly Adults
NATHAN BOWMAN, University of Missouri - St. Louis (JENNIFER SICILIANI, Faculty Sponsor)
The purpose of this study was to analyze the effects of chronic caffeine on cognition in older adults. Results revealed that high caffeine users performed significantly better than low on an attention task. No effect on recall was observed. These results suggest caffeine may preserve attention performance in elderly adults.

The Ability to Perceive Briefly Presented Visual Stimuli
DIANDREA RESKE, SELENTHIA VANCE & ASHLEE WANDREY, Cardinal Stritch University (TERRANCE STEELE, Faculty Sponsor)
Since current visual entertainment often consists of rapidly changing scenes, we hypothesized people would be more accurate identifying briefly presented images if they were first primed by rapid scene changes. This was confirmed, especially if images were complex. Exposure to rapid images in entertainment may attune people to extracting details.

Psi Chi Symposium
Finding Employment with an Undergraduate Degree in Psychology
BETSY L. MORGAN, University of Wisconsin—LaCrosse (WI)
Friday, 9:00 – 9:50
KARL KELLEY, North Central College (IL), Moderator

Psi Chi Symposium
Tips for Getting into Graduate School
SUSAN AMATO-HENDERSON, Michigan Technological University (MI)
Friday, 10:00 – 10:50
KARL KELLEY, North Central College (IL), Moderator
<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
<th>Moderator/Leader</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Psi Chi Chapter Exchange: Ideas for Improving Your Chapter</strong></td>
<td>Friday, 11:00-11:50</td>
<td>Salon 2</td>
<td>STEPHANIE LORIA, Augustana College (IL), Moderator</td>
</tr>
<tr>
<td><strong>Psi Chi Distinguished Speaker</strong></td>
<td>Friday, 12:00-1:00</td>
<td>Adams</td>
<td>HALL BECK, Appalachian State University (NC)</td>
</tr>
<tr>
<td>Searching For Little Albert: Our Journey to John Watson’s Infant Laboratory</td>
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<td></td>
<td>REGAN GURUNG, University of Wisconsin – Green Bay (WI), Moderator</td>
</tr>
<tr>
<td>**<em><strong>Psi Chi Conversation Hour</strong></em></td>
<td>Friday, 1:10 -2:00</td>
<td>Salon 2</td>
<td>REGAN GURUNG, University of Wisconsin-Green Bay (WI), Moderator</td>
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</table>
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254
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<table>
<thead>
<tr>
<th><strong>THURSDAY, MAY 5</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Psi Chi Poster Session I, Upper Exhibit Hall, p. 195</strong></td>
</tr>
<tr>
<td>9:00-10:00</td>
</tr>
<tr>
<td>Kreiner, Moderator</td>
</tr>
<tr>
<td>1 Kruse, Campione-Barr &amp; Sheldon</td>
</tr>
<tr>
<td>2 Arnold, Little, Luebben, Vizcarra &amp; Pomerantz</td>
</tr>
<tr>
<td>3 Conley, Campione-Barr &amp; Sheldon</td>
</tr>
<tr>
<td>4 Harper &amp; Willis</td>
</tr>
<tr>
<td>5 Bieneck &amp; Pinnow</td>
</tr>
<tr>
<td>6 Miro &amp; Willis</td>
</tr>
<tr>
<td>7 Pick, Buchariani &amp; Corning</td>
</tr>
<tr>
<td>8 Morgan, Campione-Barr &amp; Sheldon</td>
</tr>
<tr>
<td>9 Boyd &amp; Mathes</td>
</tr>
<tr>
<td>10 Listul &amp; Mullineaux</td>
</tr>
<tr>
<td>11 Pivarunus &amp; Sánchez</td>
</tr>
<tr>
<td>12 Johnston, Brennan, Drew &amp; Roehling</td>
</tr>
<tr>
<td>13 Drasher &amp; Olson</td>
</tr>
<tr>
<td>14 Ptouchkina, Matlen, Rau, Klahr &amp; Fisher</td>
</tr>
<tr>
<td>15 Mittelberg, Magnusen, Hutton, Banks &amp; Rosnick</td>
</tr>
<tr>
<td>16 Henry &amp; Mathes</td>
</tr>
<tr>
<td>17 Bates, Goossens, Valentine &amp; Bonfiglio</td>
</tr>
<tr>
<td>18 Currin &amp; Altman</td>
</tr>
<tr>
<td>19 Pastula, Buchariani, Serrano &amp; Corning</td>
</tr>
<tr>
<td>20 Cobie, Seuferer, Hofler &amp; Willis</td>
</tr>
<tr>
<td>21 Bilkey, Wendorf &amp; Mosack</td>
</tr>
<tr>
<td>22 Norris &amp; Kraft</td>
</tr>
<tr>
<td>23 Martinek &amp; Altman</td>
</tr>
<tr>
<td>24 Healy &amp; Cravens-Brown</td>
</tr>
<tr>
<td>25 Rider, Hernandez, Buchariani, Serrano, Corning &amp; Gondoli</td>
</tr>
<tr>
<td>26 Paulson &amp; Ayres</td>
</tr>
<tr>
<td>27 Lyon &amp; Corts</td>
</tr>
<tr>
<td>28 Garthe &amp; Schacht</td>
</tr>
<tr>
<td>29 Andel &amp; Chauddor</td>
</tr>
<tr>
<td>30 Yemm, VanBuren, England, Ralph, Addis &amp; Ferguson</td>
</tr>
<tr>
<td>31 Roberts &amp; Miller</td>
</tr>
<tr>
<td>32 Kahn, Nguyen, Garza, Munoz, Stufflebham, VanDusen &amp; Inman</td>
</tr>
<tr>
<td>33 Barrett &amp; Vincent</td>
</tr>
<tr>
<td>34 Petkevich &amp; Stoddart</td>
</tr>
<tr>
<td>35 Isaacson, Lawrence, Knuppel &amp; Arkkelin</td>
</tr>
<tr>
<td>36 Carrell, Necka &amp; Smith</td>
</tr>
<tr>
<td>37 Hoet &amp; Cheavens</td>
</tr>
<tr>
<td>38 Reynolds &amp; Montgomery</td>
</tr>
<tr>
<td>39 Ahrenholtz, Short, Catalano, Miller &amp; Willis</td>
</tr>
<tr>
<td>40 Mooreville &amp; Olson</td>
</tr>
<tr>
<td>41 Andrews, Forton &amp; Spencer</td>
</tr>
<tr>
<td>42 Melia &amp; Ragozzine</td>
</tr>
<tr>
<td>43 Cline &amp; Pinnow</td>
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<tr>
<td>44 Benhoff &amp; Sharma</td>
</tr>
<tr>
<td>45 Mathias &amp; Buswell</td>
</tr>
<tr>
<td>46 Morley, Howard, Henges, Murray, Gannon &amp; Marczinski</td>
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<td>47 Gannon, Howard, Henges, Morley, Murray &amp; Marczinski</td>
</tr>
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<td>48 Murray, Howard, Henges, Morley, Gannon &amp; Marczinski</td>
</tr>
<tr>
<td>49 Kutmas &amp; Hetzel-Riggin</td>
</tr>
<tr>
<td>50 Meads, Whitecotton, Breitbach, Gallacher, Gammel, Henry, Klomes, Kutmas, Lin, Meads, Roby &amp; Hetzel-Riggin</td>
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<tr>
<td>51 Roby &amp; Hetzel-Riggin</td>
</tr>
<tr>
<td>52 Izadi, Pirtle, Tillmon, Collie &amp; Bucur</td>
</tr>
<tr>
<td>53 Kerr &amp; Balcazar</td>
</tr>
<tr>
<td>54 Lilje, Heinz &amp; Kassel</td>
</tr>
<tr>
<td>55 Parise &amp; Cole</td>
</tr>
<tr>
<td>56 Northerner, Wegner, Pierce &amp; Abbey</td>
</tr>
</tbody>
</table>
57 Tompkins & Arkes
58 Watson, Fleck & Giebenhain
59 Kocon, Suek & Giebenhain
60 Flood, Talberg, McAlpine & Giebenhain
61 Moran, Gomez & Giebenhain
62 Glynn, Seltz, Lane & Giebenhain
63 Gillis & Montgomery
64 Waterman, Shoda & Burns
65 Chen & Sethuraman
66 Alsamawi & Sethuraman
67 Jarnecke & South
68 Benge & Close
69 Van Berkel, Solomon & Clark
70 Dirth & Gilpin
71 Bennett & Leite
72 Jorgensen & Tobin
73 Rohrer & Kerns
74 Doyal, Smith & Burns
75 Silvey, Wagner, Borduin & Sheldon
76 Senay, Wegner, Pierce, Abbey & Siple

Evolutionary Psychology, Logan, p. 12
Kehrberg, Moderator
10:00 Zengel & Sagarin
10:15 Sacco, Young, Brown, Bernstein & Hugenberg
10:30 Mathes & Dunkel
10:45 Shilling & Kelly
11:00 Kruger, Fisher & Fitzgerald
11:15 Kruger
11:30 Dirth & Harton

College Student Adjustment, Marshfield, p. 14
Weis, Moderator
10:00 Allan, Trtanj, Halweg, Welch, Karsal, Hadley, Shaw & Fuelling
10:15 Gong, Fletcher & Cassady
10:30 Hatchett, Attenweiler & Lewis
10:45 Prot, Lannin, Banozic & Anderson

Fluency & Automatic Processes, Indiana, p. 15
Houska, Moderator
10:00 Claypool
10:30 Sawicki, Clark, Wegener, Fabrigar & Smith
10:45 Stillman, Gilovich & Fujita
11:00 Cardoso, Slater & Williams
11:15 Schneid & Carlston
11:30 Shoda & McConnell

Racial Identity & Consequences of Racism, Salon 1, p. 17
Ryan, Moderator
10:00 Brown, Taylor & Endsley
10:15 McClellan, Zamora & Pryor
10:30 Wynn, Shockley, Visser & Ashburn-Nardo
10:45 Ewell, Muscanell, Eno, Okdie & Guadagno

Control, Relationships & Well-Being, Wilson, p. 10
Lane, Moderator
10:00 Young
10:30 McConnell, Brown, Shoda, Martin & Stayton
10:45 Rice & Markey
11:00 Arbuckle & Cunningham
11:15 Lorenz, Ford & Lane
11:30 Egan, Karpen & Hirt
11:45 Carter & Gilovich

Importing Memory Principles to Education
Corts, Moderator

STP Invited Address, Crystal, p. 10, 174
10:00-11:00
McDaniel

261
11:00 Rotella, Richeson & Chiao
11:15 Carter, Peery & Richeson

Power & Self-Regulation, Salon
3, p. 18
Kelly, Moderator
10:00 Carney
10:30 Hu, Rucker & Galinsky
10:45 Dupuis & Newby-Clark
11:00 Middlewood & Dean
11:15 Morrison & Roese
11:30 McCarty & Kelly

Cognitive & Social Development, Salon 10, p. 20
Guiling, Moderator
10:00 Danovitch
10:30 Shuster, Camras & Pearlman
10:45 Baltazar & Kinzler
11:00 Serra Smith & Clark
11:15 Bowles

Psi Chi Poster Session II, Upper Exhibit Hall, p. 205
10:10-11:10
Corts, Moderator
1 Woghiren & Qwantes
2 Small & Sheldon
3 Allen, Bartholow & Sheldon
4 Sorensen & Willis
5 Swartzel, Morris & Burns
6 Kirsch & Murnen
7 Toscano, Lentz, Arcieri, Fehr, Barnet & Gibbons
8 Richardson, Summers, Hillery, Anliker & Meyers
9 Evers & Sheldon
10 Lhamon, Morris, Wright & Burns
11 Eatherton & Guenther
12 Doherty, Tonozi & Lane
13 Kelly & King
14 Brelje, Dentz, Lee & Giebenhain
15 Taylor & Bucur
16 Persons, Meisner, Antonelli & Giebenhain
17 Willis & Brown
18 Dodge, Wickline & Shriver
19 Leddy, Bergen & Dopheide
20 Koby & Morgan
21 Doty & Rudek
22 Costello & Manning
23 Bishop & Cudeck
24 Lynch, Canonaco, Tussey, Van Oss & Trent-Brown
25 Dolan, Houge, Beste, Karst, Meyer, Schohl & Van Hecke
26 Hopkins, Scherer & LeBreton
27 Ridder, Nelson & Farrell
28 Hudek & Buswell
29 Klages, O’Hara & Holmbeck
30 Schmidt, Manning & Spencer
31 Johnson, Partin, Gudz, Harris & Rose
32 LaForge, Fagen, Christians & Goodfriend
33 Malm & Schmitt
34 Peters & Hermann
35 Wollach, Wendorf & Mosack
36 Bradley, Ward, Hall, Rackers & Smith
37 Malvaceda, Hawley & Sheldon
38 Paloucek & Petro
39 Gutowska & Krull
40 Carson, Hoover & Mattingly
41 Narvaez & Corts
42 Rybak & Rosnick
43 Estrada-Villalta, Lemka & Harton
44 Bulgrin, Flood & Morgan
45 Rudd & Jones
46 Beymer & Gardner
47 Braun & Strunk
48 Sandor, Eddy & Kortenkamp
49 Oberkrom, Brady, Goodman & Sheldon
50 Smith, Yoke & Brown
51 O’Brien & Halford

262
52 Johnson & Meinz
53 Bowers, Resetar & Brown
54 Truskowski & Siciliani
55 McCleary & Blankenship
56 Schultz, McCarty, Ripoll & Omarzu
57 Karlen & Daniels
58 Page & Halford
59 Varela & Vasey
60 Maiuri & Siegel-Hinson
61 Ruiz & Naveh-Benjamin
62 Phifer & Siegel-Hinson
63 Smith, Bills, Godfrey & Hymes
64 Mitten & Corts
65 Madzsar, Williams, Cochran, Hu, Park & Thayer
66 Dove & McGrath
67 Faust & Munir
68 Barrington-Reed & Battaglia
69 Willoughby & Geary
70 Fregau, Trewin, Blumeyer & Omarzu
71 O’Donnell, Wilson, Rose & Sheldon
72 Miller, Procter & Omarzu
73 Kryder & Lane
74 Tittelbach & Sagarin
75 Fosco, Buttliere, Southard, Weidner, Andel, Bluell, Ary, Williams, Gillen, Long & Koeltzow
76 Karpouzian, Faretta, Morgan-Short, Wong & Wong

Invited Address, Adams, p. 21
11:00-12:30
Smith
Embodied Attention
Goldin-Meadow, Moderator

Psi Chi Poster Session III, Upper Exhibit Hall, p. 214
11:20-12:20
Kelley, Moderator
1 Garthe & Schacht
2 Holst, Prell, Lyon & Isenberg
3 Potthast & Siegel-Hinson
4 Markham & Helm, Jr.
5 Olejarska, Heinz & Kassel
6 Langdon, Van Oss & McKelley
7 Cozad & Altman
8 Johnson & Todaro
9 Kalif & Olson
10 Malters & Kelly
11 Barger & Johnson
12 Shepardson & Schwab
13 Kastenbaum, Gross, Hoffman, Necka & Breault
14 Schweinhart, Tosto, Epstein & Gibbons
15 Novak, Mente & Lambert
16 Mike & Klayman
17 Morris & Larson
18 Johnson & Kolotkin
19 Ruberton, Bangert, Constance, Jacobson, Pearlstein & Vittengl
20 Zuehlke & Close
21 Bollinger, Pillarisetty, Sutherland, Walker, Hymes & Waung
22 Barry, Smith, Rose & Sheldon
23 Karaptian, Ritter, Johnsen & Ludwig
24 Christensen, Mojica, Bolton, Marcel & Goodfriend
25 Martinez, Smith, Rose & Sheldon
26 Welling, Kaminski & Sloutsky
27 Estrada-Villalta & Schwab
28 Van & Taylor
29 Gross, Hoffman, Kastenbaum, Necka & Breault
30 Skoczelas, Bixter & Noice
31 Alley, Robertson & Piasecki
32 Livengood & Harton

STP Symposium, Salon 4, p. 174
11:00 Christopherson & Martens

STP Symposium, Salon 9, p. 175
11:00 Campana & Peterson

263
33 Devore & Wilkinson
34 Wirth-Petrik & Guenther
35 Buttram & Addison
36 McVey, Humke, Volling & Rosnick
37 Pacheco, Gross & Richards
38 Knight, Wade, Cornish, Post & Tucker
39 King & Gidycz
40 Hoffman, Kastenbaum & Vittengl
41 Ashtiani, Werner, Hixon, Al-Hachami, Tooley, Mahmood, Kadoo, Delonis & Beeghly
42 Zdansky, Griminger & Montgomery
43 Mueller, Kerr & Adkisson
44 Marek, Kennedy, Haigh & Yost
45 Skaar & Kleyman
46 Ream & Wilson
47 Martin, Riggs & Hymes
48 Holland & Kelley
49 Hrasch & Kelly
50 Grant, Jr., Almeda & Mattingly
51 Lewis, Steuer, Duke, Taubitz, Belleau & Larson
52 Bartz & Kelly
53 Riggs, Sheldon & Hymes
54 Halverson & Parritz
55 Begley, Davis & Poulsen
56 Fuss, Kleist, Hasman, Miles, Camarata & Sifonis
57 Leroy & Wirth
58 Fiechter & Lawton
59 Le & Storm
60 Kane, Morgan & Clark
61 Ruehs & Munir
62 Ogden & Swithers
63 Johnson, Ahles, Davies & DeVoe
64 Wise & Fugett
65 Parker & Christ
66 Payne, Mulry & Grinde
67 Ahles & Buswell
68 Williams, Plaskett, Speller, Hill & Thayer
69 Fosco & Montgomery
70 Huber & Wilson
71 Dutko & Wayand
72 Schultz, Yambor & Mattingly
73 Clevering & Addison
74 Geraghty & Beike
75 Madyun, Butler & Tinsley
76 Beddow, McDowell, Johnson, Balaghi, Muhammad & Hymes

**STP Invited Address, Crystal, p. 22, 175**
12:00-1:00
Kalat
**Teaching Biological Psychology**
Morgan, Moderator

**Invited Symposium, Salon 3, p. 22**
12:30-2:00
Eagly, Kerr, Tindale
**Perspectives of MPA through Past Presidents**
Dugoni, Moderator

**Invited Statistics Workshop, Salon 12, p. 22**
12:30-2:30
Russell, Abraham, Wickrama
**Introduction to Multilevel Regression Analysis**

**Face Perception, Wilson, p. 23**
Hugenberg, Moderator
12:30 Adams, Jr.
1:00 Ratcliff & Adams, Jr.
1:15 Ma, Khetarpal, Correll & Davis
1:30 Curry & Jones
1:45 Wilson, Hugenberg, Bernstein & Chartier
2:00 See & Hugenberg
2:15 Bernstein, Young, Sacco & Hugenberg

Legitimizing Ideologies and their Consequences, Salon 1, p. 24
Ashburn-Nardo, Moderator
12:30 Warner
1:00 Cheng
1:15 Chapleau & Oswald
1:30 Klipfel & Van Dulmen
1:45 Jia, Karpen & Hirt
2:00 Lybarger & Monteith

Learning & Metacognition, Salon 5, p. 26
Gingerich, Moderator
12:30 Rawson
1:00 Vaughn & Rawson
1:15 Wilkins & Rawson
1:30 Lipowski, Pyc, Dunlosky & Rawson
1:45 Pyc, Rawson & Dunlosky
2:00 Ariel & Dunlosky
2:15 England & Serra

Judgment & Decision Making I, Salon 8, p. 28
Cortese, Moderator
12:30 Rouder
1:00 Brunton & Summerville
1:15 Trask-Tolbert & Summerville
1:30 Summerville
1:45 Choplin

Psi Chi Poster Session IV, Upper Exhibit Hall, p. 224
12:30-1:30
Bailey, Moderator
1 Coker, Heintzelman & King
2 Mills & Lambert
3 Aber & Gooden
4 Collins & Acker
5 Segal & Danovitch
6 Amaro, Essner & Holmbeck
7 Wenner, Schaan, Stine & Nawrot
8 Sabourin & Henshaw
9 Provanal & Greenwood
10 Golder, Neiman & Morris
11 Warning & Henshaw
12 Willaims & Wirth
13 Han, Ting & Helm, Jr.
14 Modrowski, Miller, Horn, Hunter & Graham-Bermann
15 Bozeman & Gooden
16 Morse & Helm, Jr.
17 Schumacher, Abbott, Valentine, Lesner & Rumble
18 Banion, Szabo & Brown
19 Kanya & Danovitch
20 O’Connor, Graziano & Kassner
21 Bryant, Glick, Rose & Sheldon
22 Nieman, Golder & Morris
23 White & Burnett
24 Blaha, Smith & Basten
25 Hock & Skow
26 Johnson & Leonard
27 Raethel & Bailey
28 Broome, Horan & Brausch
29 Schwartz, Fateriou, Stoeffler & Basten
30 Kellogg & Brausch
31 Brown, Calicutt, Williams & Jackson
32 Lynch, Canonaco, Tussey, Van Oss & Trent-Brown
33 Karreci, Begunova, Dobbs, Martin, Bruss & Hymes
34 Huff & Skow
35 Eyink & Arkin
36 Schumann, Arend, Stein & Lassiter
37 Smajic, Maylee & Siciliani
38 Downing, Sauter, Uttal, Rapp & Jona
Dunne, Hoffman, Gunter, Joshi & Zdanczyk
Border, Rickers, DelGrosso & Wilson
Friess & Todaro
McElligott & Basten
Volk & Skow
Wilson, Perry, Hopkins & Compton
Reed, Shoemaker & Taylor
Bledsoe, Meyers & Harton
Nelson & Buswell
Holzer, Stevens, Leaf, Adamczyk, Michaelson, Gaster, Bucklin, Taylor, Barron & Skillman
Almarshi, Beaulieu & McGrath
Tomasek & Cetola
Vue, Meredith, Oztuncer, Pappas & Cahill
Raack & Munir
Figel, Zentall & Morris
Garza, Agauas, Stufflebam & Jarvis
Weber, Kattoua & Brown
Burns & Kortenkamp
Valentinier, Dux & Ratliff-Crain
Cooper & Mazzocco
Bardolph & Moes
Fleigle, Sorger, Byndom, Ray & Rosnick
Makhoulian & Swift
Schmidt, Bosworth & Claflin
Nolen & Wilkinson
Lewis, Lewis & Steele
Gauthier & Nygren
Harris & Schwab
Nelson, Van Ewyk & Noice
Goldfarb & Fujita
Geyer & Hannagan
Khatcherian, Ball & Themanson
Hansgen & Buswell
Haidet & Schoppe-Sullivan
Miklasevich & Claflin
Livengood, Week, Schmidt & Nawrot
Kwitowski & Fujita
Person & Robinson-Riegler
STP Symposium, Salon 4, p. 175
1:00 Johnson, Appleby, Close, Kite, Marsh, Peterson, Tuskenis & Wesner
STP Symposium, Salon 9, p. 176
1:00 Garrett
Invited Address, Adams, p. 29
1:30-2:45 Ariely Dishonesty Galinsky, Moderator
Psi Chi Poster Session V, Upper Exhibit Hall, p. 234
1:40-2:40 Olson, Moderator
1 Davis & Correll
2 Yancey & Paul
3 Caban & Stark
4 Evans, McDowell, Pillarisetty, Patel, Abrouman & Hymes
5 Beddow & Hymes
6 McGarvey, Bucheli, Sandha & Goodfriend
7 Lynch, Coeling, Eklov, Raymond & Jarvis
8 Dudero & Millineaux
9 Ryan, Hall & Shiverick
10 Davis & Todaro
11 Wesolowski & Pliske
12 Evans & Hymes
13 Sims & Kraft
14 Baumgartner & Skitka
15 Lang & Albertson
16 Titus & Bailey
17 Yemm, VanBuren, Letterly, Beal, Henry & Daus
18 Hollenbeck & Moes
19 Woodward & Wilkinson
20 Sanz & Panahon
21 Wolden & Pinnow
22 Goebl & Huffcutt
23 Giesing, Jones, Will & Sheldon
24 Armstrong & Da Silva
25 Kragh & Libby
26 Sykes & Shiverick
27 Robin, Bajwa, Buelna, Dimpfl & Balcazar
28 Ebersole, Rowe, Janusz, Mills, Overbeck, Aldrich & Hall
29 Eitens & Buswell
30 Tuhn, Night, Quinlivan & Wells
31 Ferguson, Howard & Pinnow
32 Nichols & Schoppe-Sullivan
33 Jacobson, Jacobson, Clark & Breault
34 Eskin & Schoppe-Sullivan
35 Rundell, Brown, Shah & Gibbons
36 Gudz, Harris, Johnson, Partin & Rose
37 Strooboscher & Moes
38 Gao, Sarapas, Nelson, Campbell, Altman, Robison-Andrew & Shankman
39 Wipijewski & Close
40 Lopina & Stoddart
41 Dalsing & Munir
42 Jones, Richter, Siegel, Dirth & Harton
43 Stufflebeam & Larson
44 Novakovic, Stodola & Steele
45 Mattox & Hymes
46 Swenson & Buswell
47 Devore & Nebel-Schwalm
48 Olson & Vandendorpe
49 Schild, Peterson & Trent-Brown
50 Greco, Morgan & Clark
51 Barille, Gates, Szabo, Zane & Laney

52 Van Berkel, Frankoski, Hoyniak & Kiddoo
53 Schwartz & Campana
54 Kramer, Burchardt & Conner
55 Cronin, Kirk, Shaw, Kennerly & Daus
56 Knutson, Zimmerman, Lyon, Saggu, Olsen & Isenberg
57 Gunther, Marek, Southard & Koeltzow
58 Veeramani, Hassan, Rodriguez & Valdes
59 Beltre, Ramos & Bailey
60 Pedersen & Desoto
61 Andrews & Stoddart
62 Hougé, Beste & Van Heck
63 Mandoske, Mecca, Tsujimura, Jeevarajan & Kiddoo
64 Tiberi, Gordon & Mattingly
65 Murphy, VanHeest & Trent-Brown
66 Riggs, Schick, Karreci & Hymes
67 Wall, Koppel & Storm
68 Wall, Hemrich, Schmitt & Pawlow
69 Juricic & Jih
70 Howard, Ferguson & Pinnow
71 McCalister, Brown & Gooden
72 Valerino, Sladick & Mattingly
73 Cooper & Gonzalez-Velarco
74 O'Brien & Hallford
75 Nevin, Wilson & Little
76 Khou & Seawell

**STP Symposium, Salon 4, p. 176**
2:00 Komaraju, Swanson, Appleby, Thomas & McDaniel

**STP Symposium, Salon 9, p. 176**
2:00 Fraguada, Dusold, Malia, Balthazar & Meyers
Invited Address, Adams, p. 29
3:00-4:30
Hart
Methamphetamine: Using Data to Temper Hysteria
Swiders, Moderator

Symposium, Wilson, p. 30
3:00-5:00
Wesselmann, DeWall, Johnson, Nairne
Diverse Perspectives on the Psychology of Religion
Wesselmann, Organizer

APA Career Workshop, Salon 6 & 7, p. 31
3:00-5:00
Pate, Cutrona, Benjamin, Gervais, Jones, Mallett
Entering the Academic Marketplace

Ideology, Indiana, p. 31
Mattingly, Moderator
3:00 Tagar, Morgan, Skitka & Halperin
3:15 Wetherell & Brandt
3:30 Zhang, Risen & Hosey
3:45 Guardanapo, Warden, Blanton & Parrott
4:00 Schram, Birky, Soheilian & Bertsch
4:15 Ritter & Preston

Psychobiology 1, Logan, p. 33
Bardo, Moderator
3:00 Lesage
3:30 Lacy, Hord, Morgan & Harrod
3:45 Perna, Smith & Brown
4:00 Meyer & Bardo
4:15 Stoops

Gender & Status, Salon 12, p. 34
Goodfriend, Moderator
3:00 Vescio
3:30 Brown & Diekman
3:45 Johnston & Diekman
4:00 Sprecher, Treger, Sakaluk & Cate
4:15 Zimmerman & Brandt

Relationships: Expectations and Evaluations, Salon 1, p. 35
Lehmiller, Moderator
3:00 Cross
3:30 VanderDrift, Lehmiller & Kelly
3:45 Berchtold, McDowell & Sagarin
4:00 Moore & Bowlby
4:15 McMinn & Struthers
4:30 Luchies, Finkel, Davis, Green & Coy
4:45 Sandhya

Implicit Social Categorization, Salon 3, p. 37
Rydell, Moderator
3:00 Kawakami
3:30 Johnson, Petty & Briñol
3:45 Karpen, Jia & Rydell
4:00 Hawkins & Nosek
4:15 Loersch & Payne
4:30 Craig & Bodenhausen

Cognition, Salon 5, p. 39
Dunlosky, Moderator
3:00 Hartwig & Dunlosky
3:15 DeSoto & Roediger
3:30 Andrews & Rapp
3:45 Bodle
4:00 Thompson & Radvansky
4:15 Tamplin, Krawietz & Radvansky
4:30 Kontra, Beilock & Albert
4:45 Lysander & Horton
Judgment & Decision Making II,
Salon 8, p. 41
Gonzalez-Vallejo, Moderator
3:00 Weber & Tan
3:15 Sasota
3:30 Harman, Weinhardt,
   Gonzalez-Vallejo &
   Vancouver
3:45 Stark
4:00 Delaney & Durik
4:15 Cokely, Galesic, Schulz &
   Garcia-Retamero
4:30 Feltz, Schulz & Cokely
4:45 Ghazal, Russell, Simon,
   Woller-Carter & Cokely

Child Psychopathology, Salon 10,
p. 43
3:00 Van Dulmen
3:30 Karsai & Allan
3:45 Crosby, Clopton & Fireman
4:00 Fuelling & Allan
4:15 Becker, Luebbe &
   Stoppelbein

Social Psych Poster Session I,
Upper Exhibit Hall, p. 45
3:00-5:00
Jackson, Moderator
1 Sloan, Wilburn, Van Camp,
   Barden, Jones & Martin
2 Jones & Fazio
3 Lee & Chan
4 Huckaby, Wood, Tafalla,
   Nordstrom, Bringgold, Haasch
   & Pollack
5 Welch, Taylor, Endsley, Bishop
   & Beck
6 Wagner, Mallett, Cervantes,
   Burrow & Patel
7 Will, Meyer & Nadler
8 Smith, Meyer & Nadler
9 Benson & Wilson
10 Peterson & Gordon
11 Jazwinski, Lokken, Stark-Rose
   & Zarghami
12 Komarraju, Chance, Tincher &
   Jordan
13 Avdic & Komarraju
14 Johnston & Sebby
15 Eno, Guadagno & Rice
16 Goodwin, Muscanell &
   Gaudagno
17 Des Champs, Muscanell,
   Murphy, Rice & Guadagno
18 Glotfelter & Anderson
19 Klement
20 Tagler
21 Gentry & Tagler
22 Tagler & Gentry
23 Waldron & Engel-Maddox
24 Hunter & Peters
25 Peters & Hunter
26 Allis, Prasad, Rosen &
   Greenley
27 Perera, Lin, Chang,
   Herringshaw, Marchenko,
   Kirsch & Jeglic
28 Feldt
29 Fisher, Bell & Mack
30 Matsuo, Reeder, Williams &
   Louis
31 Smith, Hunter & Idema
32 Idema, Sage, Hunter, Nicholls,
   Marks & Smith
33 Iannone & Kelly
34 Martinez & Tindale
35 Jackson & VanPatten
36 Klement, Anfuso, Martinez,
   Carr & Houska
37 Haines, Fuegen & Swart-Smith
38 Kelley, Bajorski & Ciesiulka
39 Dirr, Williams, Wilkinson &
   Fuegen
40 Helford, Siemieniec & Brown
41 Hoekstra & Burchill
42 Austin, Thomas, Plumm &
   Terrance
43 Thomas, Terrance & Plumm
44 Talbot & Stalans
45 Miller & Esqueda
46 Esqueda, Pedroza & Martinez
47 Esqueda, Delgado & Martinez
48 Pelley, Steel, Reichle, Minton, Katsuyama & Reeb
49 Aston-Lebold & Leonhard
50 Freedman & Leonhard
51 Bartholomew, Schoppe-Sullivan & Dush
52 Gunn & Schmidt
53 Doan & Meyers
54 Cali, Coleman, Campbell & Kingan
55 Finch, Holden & Aradhye
56 Blankmeyer, VanDeursen, Hackathorn & Clark
57 Sinclair & Phelps
58 Farley
59 Treger, McClellan, Sprecher, Wondra, Gray & Wallape
60 Lee, Dickson, Conley, Rymko & Konyakova
61 Gomez, Jimenez & Reavis
62 Garczynski & Brown
63 Sondag, Cornelius & Hermann
64 Schweigert, Krengel, Braatz, Conway, Holt, Valladares & Zahid
65 Kortenkamp, Eddy & Koby
66 Ewald & Brown
67 Dyrud & Voelkner
68 Suhr & Nesbit
69 Geiger
70 Bailey, Bailey, Magsino & Wiedemann
71 Wooldford-Hunt, Murray-Nseula & Grajales

**Psi Chi Awards Presentation and Reception, Crystal, p. 244**
3:30-5:00
Hosts: Corts, Bailey, Gurung, Kelley, Kreiner, Olson

**STP Symposium, Salon 9, p. 177**
4:00 Shapiro

**Social Hour, Empire Ballroom, p. 63**
5:00-7:00

**STP Workshop, Salon 4, p. 176**
3:00 Hettich

**STP Symposium, Salon 9, p. 177**
3:00 Tuskenis, Johnson, Dyslin, Blount & Covic

270
**FRIDAY, MAY 6**

**Invited Fellows Symposium, Salon 6, p. 64**
8:00-10:00
Levine, Tindale, Dykema-Engblade, Martinez, Talbot, Kluwe, Kerr, MacCoun, Stasser, Groebe & Abele

**Cognition In and By Groups**
Stasser, Moderator

**APA Career Workshop, Salon 12, p. 65**
8:00-9:30
Hart & Pate

**Salaries, Student Debt and Employment Opportunities in Psychology**

**Clinical Health Psychology, Marshfield, p. 65**
Agnew, Moderator
8:00 Schmitt, Ye, Patel, Casavant & Perlmuter
8:15 Helion, Abler, Conard, Luckow & Won
8:30 Etcheverry & Agnew

**Cognitive Development, Salon 8, p. 66**
Goetz, Moderator
8:00 Merriman & Hartin
8:15 DeJesus & Kinzler
8:30 Zingrone
8:45 Wong & Gallo
9:00 Cervantes & Gallo
9:15 McDonough & Gallo
9:30 Rogers, Jacoby, Sommer & Roediger

**Language I, Salon 5, p. 68**
Rapp, Moderator
8:00 Mensink & Rapp

8:15 Sparks, Kozak & Rapp
8:30 Flores & Serra
8:45 Carpenter & Olson
9:00 Shook & Marian
9:15 Bartolotti & Marian

**Social Evolutionary Perspectives, Wilson, p. 70**
Benfield, Moderator
8:00 Navarrete
8:30 Brandt & Henry
8:45 Haas & Cunningham
9:00 Gillmor, Bernstein, Benfield & Sacco
9:15 Young, Brown & Ambady

**Ostracism, Salon 1, p. 71**
Sloan, Moderator
8:00 Gabriel
8:30 Jones & Kelly
8:45 Wesselmann, Wirth & Williams
9:00 Poznanski, Wirth & Williams
9:15 Wallace, Dingwall & Sloan
9:30 Ren & Williams

**Parenting, Salon 10, p. 73**
Schoppe-Sullivan, Moderator
8:00 Volling
8:30 Lang, Schoppe-Sullivan & Dush
8:45 Seltmann & Wright
9:00 Mahoney

**Biopsychology Poster Session, Upper Exhibit Hall, p. 77**
8:00-10:00
Kaiser, Moderator
1 Bailey, West & Olson
2 MacGregor, Fujita & Kwitowski
3 Hoekstra
4 Hoekstra
5 McCarthy & Skowronski

271
6 Biner, Holtzknecht & Stephens
7 Schmitt, Mosconi, Cook, Sweeney, D’Cruz & Reilly
8 Spraker, Sweeney, Shrestha & Keedy
9 Sawyer, Bienias & Decian
10 Decian & Sawyer
11 Thomas, Frisch & Konrath
12 Lopez, Cameron, Konrath & Seng
13 Nelson
14 Cheng & Gonzalez-Vallejo
15 Voelkel & Lutz-Zois
16 Renz & Little
17 Cooley & Paul
18 Joshi, Brewer, Keene, Downs, Rosenthal & Kleven
19 Booth, Downs, Ronca & Kleven
20 Keene, Rodefer, Robinson & Kleven
21 Hinderliter, Anderson & Misanin
22 Blake, Puce, Kennedy & Kennedy
23 Hasselquist, Adams, Kraft & Stairs
24 Roeding, Ragsdale, Hughes & Brown
25 Arthurs, Lin & Reilly
26 Linwick & Hassett
27 Trask, Cullen, Gos, Pickens, Fountain & Riccio
28 Meyer, McCuddy, Holderfield, Wooters, Zhang, Crooks, Dwoskin & Bardo
29 El-Maraghi, Beckmann, Gipson & Bardo
30 Oelrichs, Fan, Davis, Sage, Lever, Lever & Miller
31 Sage, Oelrichs, Fan, Davis, Lever, Lever & Miller
32 Sage & Morgan
33 Jefferson, Smeltzer, McMillin, Henry, Klauser Adoph, Kiebel & Martin
34 Frankovich, Reilly & Sweeney
35 Batsell, Jr., Ulrey & Rowe
36 March & Kaiser
37 Lucena, Mintun, Goate & Head

Psi Chi Regional Research Award Posters, Upper Exhibit Hall, p. 245
8:15-10:00
Corts, Moderator
38 Loria & Corts
39 Constance, Jacobson & Vittengl
40 Izadi, Pirtle, Tillmon, Collie & Bucur
41 Peterson, Morgan & Clark
42 Bonifas & Schneider
43 Prine & Willis
44 Sommer, Petrangelo, Tubré & Edwards
45 Owens, Hovanitz & King
46 Klein, Muruato, Fowler & Corts
47 Knight, Tuhn, Turosak, Runyon, Quinlivan & Wells
48 Hollister & Petro
49 Fusco & Sheldon
50 Paulson, Prell, Nichols, Tubré & Seefeldt
51 Thiem & Budesheim
52 Black, Beck & Rudek
53 Klauser, Mendoza, Stegmiller & Adkisson
54 Ducato, Hunka & Gaze
55 Balensiefen & VanHorn
56 Suozzi & Palmer
57 Cosme, Rice & Koeltzow
58 Bowman & Siciliani
59 Reske, Vance, Wandrey & Steele

Motivation and Engagement, Madison, p. 74
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<tr>
<td>8:15</td>
<td>Lovejoy &amp; Durik</td>
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<td>Tenniel, Hackathorn, Solomon, Garczynski &amp; Blankmeyer</td>
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<td>8:45</td>
<td>Flora &amp; Bromley</td>
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<td>9:00</td>
<td>Komarraju, Nadler, Tincher &amp; Doerflein</td>
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<td>Shedlosky-Shoemaker &amp; Arkin</td>
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**Attitudes, Salon 3, p. 75**

Tagler, Moderator

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<td>Young &amp; Fazio</td>
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<td>Edwards &amp; Harrison</td>
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**STP Invited Address, Crystal, p. 65, 178**

Buskist

*Seven Practices of Excellent Teachers*

Komarraju, Moderator

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<td>Prevention Programs for College Students</td>
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<tr>
<td>9:30</td>
<td>Understanding the Needs of Women, Ex-Offenders, and People of Color in Substance Abuse Recovery</td>
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**Div 27 Roundtable Discussion, Logan, p. 187**

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<th>Time</th>
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<tr>
<td>8:30</td>
<td>Taylor-Ritzler, Balcazar, Suarez-Balcazar &amp; Renfro</td>
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**Psi Chi Symposium, Salon 2, p. 250**

9:00-9:50 Morgan

*Finding Employment with an Undergraduate Degree in Psychology*

Kelley, Moderator

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<td>9:30</td>
<td>Understanding the Needs of Women, Ex-Offenders, and People of Color in Substance Abuse Recovery</td>
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**Div 27 Roundtable Discussion, Kimball, p. 187**

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<th>Time</th>
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<tr>
<td>8:30</td>
<td>Alcantara, Back, Lemos, Gutierrez &amp; Viola</td>
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**Div 27 Symposium, Indiana, p. 187**

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<td>8:30</td>
<td>Conley, Jason, Durlak, Rolnik, Dickson, Travers, Merriman, Zaddach &amp; Sullivan</td>
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**Div 27 Symposium, Kimball, p. 187**

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<td>9:30</td>
<td>Ferrari, Todd, Williams, Bottom, Koenigs, McAuliff, Karahalios, Mammana-Lupo, Lyons &amp; Antler</td>
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**Blending Spiritual and Organizational Approaches to Community**
Invited Address, Adams, p. 86
9:30-11:00
Steele
How Stereotypes Affect Us
McConnell, Moderator

Invited Fellows Symposium,
Salon 6, p. 87
10:00-11:30
Pryor, Blascovich, Williams & Corrigan
Outcasts Antecedents,
Dynamics, and Consequences of Stigma
Pryor, Organizer

Invited Workshop, Salon 12, p. 87
10:00-12:30
Freeman & Fox
Understanding and Treating Narcissism in the Workplace

Psi Chi Symposium, Salon 2, p. 250
10:00-10:50
Amato-Henderson
Tips for Getting into Graduate School
Kelley, Moderator

Persuasion, Salon 3, p. 88
Clark, Moderator
10:00 Hu & Rucker
10:15 Norris, Fabrigar, Smith & Wegener
10:30 Valente, Clarkson, Leone & Tormala
10:45 Beldig, Brienol, & Petty
11:00 Evans & Clark
11:15 Shoots-Reinhard, Petty, DeMarree & Rucker

Memory, Salon 5, p. 90
VanHorn, Moderator
10:00 Storm
10:30 Greene
10:45 Finn & Roediger, III
11:00 Hinze & Rapp
11:15 Grimaldi & Karpicke
11:30 Karpicke

Controlled Attention, Salon 8, p. 91
Khanna, Moderator
10:00 Mattarella-Micke, Todd & Beilock
10:15 Yang & Beilock
10:30 Sengupta & Verhaeghen
10:45 Aiello, Jarosz, Cushen & Wiley
11:00 Schroeder & Marian
11:15 Dewey & Carr
11:30 Krawietz & Radvansky
11:45 O’Mally, Hager & DeCoster

Depression & Anxiety, Salon 10, p. 93
Hatchett, Moderator
10:00 Monroe
10:30 Gedra
10:45 Shankman

Psychobiology II, Logan, p. 94
Mattingly, Moderator
10:00 Hoane
10:30 Ramsey, Fowler, Serfozo, Simonyi & Schachtman
10:45 Fowler, Ramsey, Serfozo, Simonyi & Schachtman

Group Processes and Dynamics,
Madison, p. 95
Smith, Moderator
10:00 Abele
10:30 Zhou, Majka & Cacioppo
10:45 Chartier, Groebe & Abele
11:00 Ireland & Pennbaker
11:15  Goldenberg & Larson, Jr.
11:30  Hour & Hinsz
11:45  Stalder
12:00  Leach, Wiley & Larson

The Self, Wilson, p. 97
Brown, Moderator
10:00  Carroll, McCauslin & Norman
10:30  Light & Visser
10:45  Hancock & Arkin
11:00  Wells, Skowronsksi & Clinton
11:15  Kamat & Gardner
11:30  Coon & Matsubara

Clinical Poster Session, Upper Exhibit Hall, p. 99
Canivez, Moderator
10:00-12:30
1  Lamb, Lindemann, Smeltzer & Adolph
2  Nelson & Paul
3  Kleyman, Keinz, Skaar, Greene & McCooy
4  Lane & Ford
5  Tagler & Thomas
6  Feiss, Westermeyer & Priola-Surowiec
7  Liljequist & Mitchell
8  Liljequist & Wigginton
9  Dawson, Pawlow, Brown & Pomerantz
10  Pawlow
11  Kean & Leonhard
12  McClintock, MacFarlane & Anderson
13  Dehoff & Sprock
14  Anderson & Reddy
15  Geier, Anderson & Reddy
16  Conybeare
17  Yulish, Rosen, Marvin, Solari, Weiden, Reilly & Sweeney
18  Stefanski, Donahey, Huynh, Bishop, Reilly & Sweeney
19  Lazarus & Cheavens
20  Bangert, Chandley, Luebbe & Bell
21  Dickson, Zaddach, Conley & Conway
22  Smith & Rooks
23  Dangles, Belleville & Knobloch-Fedders
24  Rosado, Wells & Knobloch-Fedders
25  Boateng, Madsen & Knobloch-Fedders
26  Flores, Pittman & Kelley
27  Smith, Romero & Richards
28  Lin, Herringshaw, Chang, Perera, Marchenko, Sanna, Hirsch & Jeglic
29  Herringshaw, Chang, Lin, Perera, Marchenko, Sanna, Hirsch & Jeglic
30  Perera, Herringshaw, Chang, Lin, Marchenko & Sanna
31  Summers, Ortiz, Lucas & Friedmeier
32  Bluestein & Buchanan
33  Njus, Tjossem, McKee & Godar
34  Roth & Montoya
35  Roth & Phelps
36  Drouin, Vartanian & Stills
37  Hull, Wolf & Adkisson
38  Sands & Cravens-Brown
39  Richman & DeWall
40  Holliman
41  Ross
42  Miller, Crane & Eckhardt
43  Miller, Howell, Hunter & Graham-Bermann
44  Stearns, Dartsch, Haug & Fleming
45  Kluge & Fleming
46  Shoji, Burrow, Holcomb & Fleming
47  Sashidharan, Pawlow & Pettibone

275
48 DeYoung, Klyce, Conger & Graziano
49 Conger, Klyce & DeYoung
50 Keaikitse, Finch & Mucherah
51 Kociuba, Skalla, Fominaya & Poreh
52 Clapham & Svensson
53 Woodward & Decker
54 Dresler, Valesquez, Neuenfeldt, Falkofske, Budd & Donnelly
55 Shainheit & Wright
56 Lim, Adams & Lilly
57 Sleezer, O’Brien & Lilly
58 Pierce & Lilly
59 Spierling
60 Potthoff, Kalble & Leon
61 Hadley, Feltman & Brausch
62 Khou, Stuart, Hoffman, Grabow, Seawell & Toussaint
63 Andersson & Conley
64 Lander, Zois & Porco
65 Hahn & Little
66 Shanks, Marsh & Serra
67 Henshaw & Greenhouse
68 Adkisson & Ford
69 Valdez, Keun & Lilly
70 Stevens & Serra

STP Invited Address, Crystal, p. 88, 178
10:30-12:00
Benjamin, Jr.
When Will College Professors Be Required to Teach No Courses?
Gurung, Moderator

Div 27 Symposium, Kimball, p. 189
10:30-11:20
Reeb, Bringle, Steinberg, Davidson, Jimenez, Onifadee, Hankins, Folger, Langsner, Ryan, Crouse, Rosing, Reed, Ferrari & Bothne
Service-Learning in Community Action Research

Div 27 Roundtable Discussion, Indiana, p. 188
10:30 Balcazar, Buela, Dimpfl, Strickland, Kyles, Taylor, Henton, Lenis & Perez

Div 27 Roundtable Discussion, Marshfield, p. 189
10:30 Martin, Chenier, Gbadamosi, Hawkins, Gray-Bunkley, Paavola, Lewis, McKay, Palmer, Fromm-Reed, Viola & Olson

Psi Chi Chapter Exchange: Ideas for Improving Your Chapter, Salon 2, p. 251
11:00-11:50
Loria, Moderator

Div 27 Roundtable Discussion, Indiana, p. 189
11:30 Bartgis, Brown, Brown, Clyne, Colon, Evans, Hlavaty, Jason, Kaseeska, Motley, Robinson, Skendrovic & Timmons

Div 27 Roundtable Discussion, Kimball, p. 190
11:30 Lewis
<table>
<thead>
<tr>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>Div 27 Roundtable Discussion, Marshfield</td>
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<td>11:30 Zander, Burnside, Poff, Daley, Martinez, Doig, Sorrentino, Keys &amp; McMahon</td>
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<td>Psi Chi Distinguished Speaker, Adams</td>
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<td>12:00-1:00 Beck</td>
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<td>Our Journey to John Watson’s Infant Laboratory</td>
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<td>Invited Symposium, Salon 6</td>
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<td>12:30-3:00 Huddy, Landau, Solomon, Renstrom</td>
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<td>The Trouble with Living and Dying</td>
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<td>Individual Differences, Salon 1,</td>
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<td>2:00 Branch, VanderDrift &amp; Graziano</td>
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<td>Objectification &amp; Interpersonal Aggression, Salon 3</td>
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<td>1:30 Cohen-Shikora &amp; Balota</td>
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<td>2:30 Jones &amp; Ibrahim</td>
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<td>Interpersonal Violence, Salon 10,</td>
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<td>Psychobiology III, Logan, p. 124</td>
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<td>Environmental Attitudes and Behaviors, Madison, p. 125</td>
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<td>Treatment &amp; Change, Marshfield, p. 126</td>
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<td>Academic Anxiety, Wilson, p. 128</td>
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<td>STP Roundtable, Salon 9, p. 179</td>
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<td>STP Creative Classroom &amp; Pedagogy Poster Session, Upper Exhibit Hall, p. 180</td>
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1:00-2:45
Dahlgren, Moderator
26 Carroll
27 Moran
28 Wilkin & Johnson
29 Garczynski, Hackathorn, Tenniel, Blankmeyer & Solomon
30 Hamilton, Keniston, Clemens, Walenski, Thoftne, Immerfall & Koniar
31 Hathorn & Hathorn
32 Kelly
33 Solomon, Hackathorn, Tennial, Blankmeyer & Garczynski
34 Lassiter
35 Pawlow
36 Rivera
37 Miroballi, Johnson, Dyslin & Tuskenis
38 Sherrick
39 Still & Still
40 Kreiner, Johnston, Mathis & Honeycutt
41 Phillips
42 Finkel
43 Pinnow
44 Melchiori & Mallett
45 Marsh, DeVaul & Seeley
46 Wille
47 Stark
48 Ostovich, Larwin, Clark & Meehan
49 Thomas & Young
50 Komarraju, Tinchel, Avdic & Williams

Invited Address, Adams, p. 117
1:30-3:00
Devine
Empowering People to Break the Prejudice Habit
Monteith, Moderator

Division 27 Poster Session, Upper Exhibit Hall, p. 191
1:30-3:00
Legler, Moderator
51 Feeder, Goral, Schram, Thompson, Wheeler, Zillmer, Dirkes & Staggs
52 Austin, Laluna, Libfeld & Chari
53 Frangos, Quinn, Pittman & Rabe
54 Quinn, Frangos & Pittman
55 Hartig
56 Rehn, Irie, Evans, Solway, Brooks, Chair, Langes & Abdul-Adil
57 Lynch & deVincenzo
58 Staggs, Surdick, Hachmeister, Tauchen & Harnett
59 Wasserman, Brooks, Hedglen, Sharma, Chari, Irie, Langes, Evans & Abdul-Adil
60 Villanueva
61 Todman, Taylor, Fay, Hricisak, Berger & Cornell
62 Paavola
63 Bass, Hunter, Jason & Ferrari
64 Boddapati, Hunter, Jason, & Ferrari
65 Chavarria, Stevens & Jason
66 Debnar, Goddard & Sanchez
67 Lawlor, Hunter & Jason
68 Gallardo, Lemos & Sanchez
69 Quattrocchi, Hunter & Jason
70 Rodriguez, Gómez, Contreras & Jason
71 Sucech, Hunter & Jason
72 Sucech, Hunter & Jason

Psi Chi Conversation Hour, Salon 2, p. 251
1:10-2:00
Beck
Gurung, Moderator
STP Symposium, Salon 4, p. 180
2:00  Peden & Domask

Awards and Recognitions, Adams, p. 136
3:00
Ryan & Carlston, Moderators

MPA Presidential Address, Adams, p. 136
3:15-4:15
Carlston
Impressions of Impression Formation
Kelly, Moderator

MPA Business Meeting, Adams, p. 136
4:15-5:15

Meeting of Local Reps, Adams, p. 136
Immediately following Business Meeting
Blakemore, Moderator

Division 27 Dinner and Poster Award Reception, p. 194
4:00
The Exchequer

Social Hour, Empire Ballroom, p. 136
5:00-7:00
**SATURDAY, MAY 7**

**Invited Statistics Workshop, Salon 12, p. 137**
8:30-10:30
Hayes
Combining Moderation and Mediation Analysis

Applications of Psychology in Law & Workplace, Salon 1, p. 138
Esqueda, Moderator
8:30 Burns, Caruso & Bartels
8:45 Rounding, Jacobson & Lindsay
9:00 Groebe & Stasser
9:15 Perkins & Esqueda
9:30 Schmit & Hinsz
9:45 Linnabery, Stuhlmacher, Fernandes & Haynes
10:00 Hoffman & Stasson

**Invited Address, Crystal, p. 137**
9:00-10:30
Bargh
From the Physical to the Psychological
Carlston, Moderator

**How to Publish Your Journal Article, Salon 6 & 7, p. 138**
9:00-10:30
MacMurray, Carr, Fujita

Health Psychology, Salon 9, p. 140
Wirth, Moderator
9:30 Hammonds, Keary, Casey, Mattson, Waechter, Hughes, Gunstad, Rosneck & Riccio
9:45 Marczinski

10:00 Allan & Kuhn

Cognition Poster Session, Upper Exhibit Hall, p. 141
9:00-10:30
Johnson, Moderator
1. Lundy, Smith & Hawkey
2. Rasmussen & Wiemer
3. Blaetz, Schwartz & Rosielle
4. Maynard, Smith, Meinz, Johnson & Brooks
5. Reinhard, Chandler & Schwarz
6. Abney & Wagman
7. Nemeth, Smith, Howard & VanDeraa
8. Shanks & Serra
9. Broadwell, Duffy & Robinson-Riegler
10. Olson & Carpenter
11. Espinoza & Rapp
12. Cross & Karpicke
14. Selmeczy & Dobbins
15. Omura, Harbke, Nelson, Wright, Haggard & DeVries
16. Clinton, Jordan & Cutting
17. O’Mally, Barth, DeCoster & Bolland
18. Yeung & Weber
19. Canivez & Beran
20. Canivez
22. Chabal, Kelly & Marian
23. Mitchell, Vaught, Boyd, Reid, Burgess, Friedman & Bell
24. Fosco, Montgomery & Hermann
25. Hoffman, Wilkerson, Geddes & Haden
26. Wilkerson, Hoffman, Chin, Mirzapolos, Haden & Uttal
27 Lundy, Tran, Gotschall, Myers & Hubble
28 Gundersen & Eberhard
29 Vanegas
30 Schmidt, Agauas & Miller
31 Fugett & Wright
32 Drouin, Driver, Jewell, Baatz, Bazazzadeh & Stills
33 Ritchey, Lambertson & Ward
34 Centeno & Khanna
35 Kohlhepp, Ryskin & Rapp
36 Chen, Lorch, Chow, Carter & Crisp
37 Koppel & Storm
38 Nyenhuis, Cokely & Raisbeck
39 Salas & Griffin
40 Amato-Henderson, Kempainen & Hein
41 Wu, Dobbs, Schick, Baan, Evans, Beddow & Clark-Foos

G. Stanley Hall Invited Address, Crystal, p. 152
10:30-12:00 Forehand
Advances in the Understanding and Treatment of Child Psychopathology
Robinson, Moderator

Invited Fellows Symposium, Salon 6, p. 152
11:00-1:00 Engle, Cowan, Balota, Carr
Varieties of Attentional Control
Balota, Organizer

Stereotype Threat: Antecedents & Interventions, Salon 1, p. 152
Schneider, Moderator
11:00 Riffle, Schneider, Polander, DesAutels & Goldstein

11:15 Steinberg, Clark, Diekman, Brown & Johnston
11:30 Rydell, Rydell & Boucher
11:45 Boucher & Rydell
12:00 Van Loo & Rydell
12:15 Clark & Diekman
12:30 Nussbaum & Steele
12:45 Park, Ramirez & Beilock

Categorization Processes, Salon 3, p. 154
Markman, Moderator
11:00 Ekanayake, Wesselmann & Graziano
11:15 McCall, McCarty & Carlston
11:30 Goyle & Correll
11:45 Waggoner & Smith
12:00 Kirkland & Cunningham
12:15 Tierman & West

Trauma & Resilience, Salon 10, p. 156
Sexton-Radek, Moderator
11:00 de St. Aubin, Valvano, Kalies, Arenberg & Landon
11:15 Lin & Hetzel-Riggin
11:30 Valvano, de St. Aubin, Urban & Ciccantelli
11:45 Angove, Valvano, deRoon-Cassini & Brakenridge
12:00 Iskra & Norris

Social Psychology Poster Session II, Upper Exhibit Hall, p. 157
11:00-1:00 Arkin, Moderator
1 Blanton & Parrott
2 Pulvermacher & Finkelstein
3 Stevens, Smith, Lovejoy & Cannella
4 Murdock, Valenta & Lovejoy
5 Murdock, Lovejoy & Fagundes
6 Steel, Biran & Stiles
7 Buckingham, Weber, Riley & Meinzer
8 Yoder & Ault
9 Zell & Alickie
10 Guenther, Applegate, Svoboda & Adams
11 Timberlake, Nolz & Guenther
12 Stey, Renteria, Hang & Lapsley
13 Brooks, Stey, Narvaez, Bettonville, Mullen, Bock, Crowson & Derryberry
14 Smith, Dubuc, Idema, Walker, Pavlopoulos & Adamopoulos
15 Konrath, Reinhard, Cameron, Lopez & Brown
16 Christman
17 Fowler, Rasinski, Geers & Helfer
18 Guthrie & Bartoli
19 Stein-Whitmore, Swarbrick, Horgan & Southworth
20 Rosenthal, Waldron & Engeln-Maddox
21 Heiy & Cheavens
22 Byers & Nielson
23 Sotozaki, Omura, Leonhard & McFadden
24 Nelson
25 Wallace, Manarik, Albert, Rutledge & Tillmann
26 Weigold, Natera, Weigold, Ott & Mooney
27 Brown-Kramer
28 Galen, Koutouzos & Walker
29 Galen, Anderson, Ellis, Nguyen & Ver Wey
30 Yost & Sauter
31 Williams, Schimel & Hayes
32 Pope, VanDeursen, Warner & Hasan
33 Sawyer, Stewart, St. George & Vandenberg
34 Wondra, Reeder, Hawk & Perez
35 Kassner, Law & Williams
36 Pease, Wesselmann, Wirth, Bernstein & Williams
37 Lorenz & Kelly
38 Dietrich
39 Wernberg, Drasher, Kelly & Dietrich
40 Jones & Claypool
41 Housley & Claypool
42 Lee, Schoppe-Sullivan & Dush
43 Hart, Lee, Prichard & Stasson
44 Nesbit & Blankenship
45 Coskupinar & Cyders
46 Michaels & Corrigan
47 Hillard, Harbke & Lane
48 Garrard & Konrath
49 Stuart, Khou, Gates, Seawell & Toussaint
50 Gribbins & Vandenberg
51 Fiedorowicz
52 Hoekstra & Krull
53 ElBassiouny, Van Camp & Sloan
54 Stubbins
55 Frankowski, Miron, Pantaleo & Ferguson
56 Herlache & Miron
57 Karmali & Kawakami
58 Stalder & Anderson
59 Winquist, Abraham, Allison & Keiser
60 Hawkins-Gilligan, Dygdon & Conger
61 Jackson, Knapp & Landau
<table>
<thead>
<tr>
<th>Room</th>
<th>10:00-12:00</th>
<th>12:30-2:30</th>
<th>3:00-5:00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams Room</td>
<td>(11:00) Inv Addr, Smith: Embodied Attention, p. 21</td>
<td>(1:30) Inv Addr, Ariely: Dishonesty, p. 29</td>
<td>Inv Addr, Hart: Methamphetamine, p. 29</td>
</tr>
<tr>
<td>Crystal Room</td>
<td>STP Inv Addr, McDaniel: Importing Memory Principles, p. 10, 174</td>
<td>(12:00) STP Inv Addr, Kalat: Teaching Biological Psychology, p. 22, 175</td>
<td>(3:30) Psi Chi Awards &amp; Reception, p. 244</td>
</tr>
<tr>
<td>Salon 1</td>
<td>Racial Identity &amp; Consequences of Racism, p. 16</td>
<td>Legitimizing Ideologies and Their Consequences, p. 24</td>
<td>Relationships: Expectations &amp; Evaluations, p. 35</td>
</tr>
<tr>
<td>Salon 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salon 3</td>
<td>Power &amp; Self-Regulation, p. 18</td>
<td>Inv Sym: Perspectives of MPA, p. 22</td>
<td>Implicit Social Categorization, p. 37</td>
</tr>
<tr>
<td>Salon 4</td>
<td>(11:00) STP Symposium, p. 174</td>
<td>(1:00) STP Symposium, p. 175</td>
<td>STP Workshop, p. 176</td>
</tr>
<tr>
<td>Salon 5</td>
<td></td>
<td>(2:00) STP Symposium, p. 176</td>
<td></td>
</tr>
<tr>
<td>Salon 8</td>
<td></td>
<td>Judgment &amp; Decision Making I, p. 28</td>
<td>Judgment &amp; Decision Making II, p. 41</td>
</tr>
<tr>
<td>Salon 9</td>
<td>(11:00) STP Symposium, p. 175</td>
<td>(1:00) STP Symposium, p. 176</td>
<td>STP Symposium, p. 177</td>
</tr>
<tr>
<td>Salon 10</td>
<td>Cognitive &amp; Social Development, p. 20</td>
<td>(2:00) STP Symposium, p. 176</td>
<td>(4:00) STP Symposium, p. 177</td>
</tr>
<tr>
<td>Salon 12</td>
<td></td>
<td></td>
<td>Child Psychopathology, p. 43</td>
</tr>
<tr>
<td>Indiana Room</td>
<td>Fluency &amp; Automatic Processes, p. 15</td>
<td>Inv Stats Wksp: Multilevel Regression Analysis, p. 22</td>
<td>Gender &amp; Status, p. 34</td>
</tr>
<tr>
<td>Logan Room</td>
<td>Evolutionary Psychology, p. 12</td>
<td></td>
<td>Psychobiology I, p. 33</td>
</tr>
<tr>
<td>Room</td>
<td>10:00-12:00</td>
<td>12:30-2:30</td>
<td>3:00-5:00</td>
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<tr>
<td>Marshfield Room</td>
<td>College Student Adjustment, p. 14</td>
<td>Face Perception, p. 23</td>
<td>Sym: Diverse Perspectives on the Psych. of Religion, p. 30</td>
</tr>
<tr>
<td>Wilson Room</td>
<td>Control, Relationships &amp; Well-Being, p. 10</td>
<td>Sym: Diverse Perspectives on the Psych. of Religion, p. 30</td>
<td></td>
</tr>
<tr>
<td>Upper Exhibit Hall</td>
<td>(9:00) Psi Chi Posters I, p. 195</td>
<td>Psi Chi Posters IV, p. 224</td>
<td>Social Psych I Poster Session, p. 45</td>
</tr>
<tr>
<td></td>
<td>(10:10) Psi Chi Posters II, p. 205</td>
<td>(1:40) Psi Chi Posters V, p. 234</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(11:20) Psi Chi Posters III, p. 214</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Empire Ballroom</td>
<td></td>
<td></td>
<td>(5:00-7:00) Social Hour, p. 63</td>
</tr>
<tr>
<td>Room</td>
<td>8:00-10:00</td>
<td>10:00 -12:30</td>
<td>1:00 - 3:00</td>
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<tr>
<td>Crystal Room</td>
<td>(8:30) STP Inv Addr, Buskist: Seven Practices of Excellent Teachers, p. 65, 178</td>
<td>(10:30) STP Inv Addr, Benjamin: Goodbye Dr. Chips, p. 88, 178</td>
<td>(1:10) Psi Chi Conversation Hour, p. 251</td>
</tr>
<tr>
<td>Salon 1</td>
<td>Ostracism, p. 71</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salon 2</td>
<td>(9:00) Psi Chi Symp: Finding Employment, p. 250</td>
<td>Psi Chi Symp: Getting into Grad School, p. 250</td>
<td>(1:10) Psi Chi Conversation Hour, p. 251</td>
</tr>
<tr>
<td>Salon 3</td>
<td>Attitudes, p. 75</td>
<td>Persuasion, p. 88</td>
<td>Objectification &amp; Interpersonal Aggression, p. 120</td>
</tr>
<tr>
<td>Salon 4</td>
<td>(12:00) STP Symposium, p. 179</td>
<td>STP Symposium, p. 179</td>
<td>STP Symposium, p. 179</td>
</tr>
<tr>
<td>Salon 5</td>
<td>Language I, p. 68</td>
<td>Memory, p. 90</td>
<td></td>
</tr>
<tr>
<td>Salons 6 &amp; 7</td>
<td>Inv Fellows Symp: Cognition in &amp; by Groups, p. 64</td>
<td>Inv Fellows Symp: Outcasts . . . Consequences of Stigma, p. 87</td>
<td>(12:30) Inv Symp: Trouble with Living &amp; Dying, p. 117</td>
</tr>
<tr>
<td>Salon 8</td>
<td>Cognitive Development, p. 66</td>
<td>Controlled Attention, p. 91</td>
<td></td>
</tr>
<tr>
<td>Salon 9</td>
<td>(12:00) STP Roundtable, p. 179</td>
<td>STP Roundtable, p. 179</td>
<td></td>
</tr>
<tr>
<td>Salon 10</td>
<td>Parenting, p. 73</td>
<td>Depression &amp; Anxiety, p. 93</td>
<td>Interpersonal Violence, p. 123</td>
</tr>
<tr>
<td>Room</td>
<td>8:00-10:00</td>
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<tr>
<td>Salon 12</td>
<td>APA Career Wksp: Salaries, Debt &amp; Employment, p. 65</td>
<td></td>
<td>Inv Wksp: Understanding &amp; Treating Narcissism in the Workplace, p. 87</td>
</tr>
<tr>
<td>Madison Room</td>
<td>Motiv &amp; Engagement, p. 74</td>
<td>Group Processes &amp; Dynamics, p. 95</td>
<td>Environ. Attitudes &amp; Beh, p. 125</td>
</tr>
<tr>
<td>Wilson Room</td>
<td>Social Evol Persp, p. 70</td>
<td>The Self, p. 97</td>
<td>Academic Anxiety, p. 128</td>
</tr>
<tr>
<td>Upper Exhibit Hall</td>
<td>Biopsych Posters, p. 77 (8:15) Psi Chi Reg, Research Award Posters, p. 245</td>
<td>Clinical Posters, p. 99</td>
<td>Developmental Posters, p. 129 STP Creative Classroom &amp; Pedagogy Posters, p. 180</td>
</tr>
<tr>
<td>Empire Ballroom</td>
<td>(5:00-7:00) Social Hour, p. 136</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Room</td>
<td>8:30-10:30</td>
<td>11:00-1:00</td>
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<tr>
<td>Crystal Room</td>
<td>(9:00) Inv Addr, Bargh: From the Physical to the Psychological, p. 137</td>
<td>(10:30) G. Stanley Hall Inv. Addr., Forehand: Advances in the Understanding and Treatment of Child Psychopathology, p. 152</td>
<td></td>
</tr>
<tr>
<td>Salon 1</td>
<td>Applications of Psychology in Law &amp; Workplace, p. 138</td>
<td>Stereotype Threat: Antecedents &amp; Interventions, p. 152</td>
<td></td>
</tr>
<tr>
<td>Salon 3</td>
<td></td>
<td>Categorization Processes, p. 154</td>
<td></td>
</tr>
<tr>
<td>Salon 6 &amp; 7</td>
<td>(9:00) APA How To Publish Sym, p. 138</td>
<td>Inv Fellows Sym: Varieties of Attentional Control, p. 152</td>
<td></td>
</tr>
<tr>
<td>Salon 9</td>
<td>(9:30) Health Psychology, p. 140</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salon 10</td>
<td></td>
<td>Trauma &amp; Resilience, p. 156</td>
<td></td>
</tr>
<tr>
<td>Salon 12</td>
<td>Inv Stats Wksp: Combining Moderation and Mediation Analysis, p. 137</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Exhibit Hall</td>
<td>(9:00) Cognition Poster Session, p. 141</td>
<td>Social Psychology Poster Session II, p. 157</td>
<td></td>
</tr>
</tbody>
</table>
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INDEX OF PARTICIPANTS

Abbey, Antonia, 202, 205
Abbott, Matthew, 226
Abdul-Adil, Jaleel, 191, 192
Abele, Susanne, 64, 95
Abell, Steven, 256
Aber, Trace, 224
Abler, Lindsay, 66
Abney, Drew, 142
Abraham, Ryan, 172
Abraham, W. Todd, 22
Aburouman, Jasmine, 234
Acker, Michele, 225
Ackil, Jennifer, 257
Adamczyk, Marta, 230
Adamopoulos, John, 161
Adams, Emily, 82, 124, 160
Adams, Jr., Reginald, 23
Adams, Lauren, 113
Addis, Brianna, 199
Adkisson, Reginald, 108, 116, 220, 248
Adolph, Audra, 85, 99, 134
Agnew, Christopher, 65, 66
Ahn, Karin L., 255
Ahrenholtz, Tiffany, 200
Alcantara, Liezl, 187
Aldrich, Jennifer, 237
Alicke, Mark, 160
Allan, Wesley, 14, 43, 44, 141
Allen, Melanie, 205
Alley, Kyle, 218
Allison, Julie A., 256
Allison, Liezl, 187
Allis, Ashley, 51
Almeda, Fulya, 221
Alnarshi, Mike, 230
Alsamawi, Amal, 203
Altman, Joanne, 197, 198, 215, 256
Altmann, Sarah, 239
Amato, Christina, 225
Amato-Henderson, Susan, 151, 250
Ambady, Nalini, 71
Andel, Stephanie, 199, 214
Anderson, Brittani, 165
Anderson, Craig, 14
Anderson, Karin, 125, 254
Anderson, Kyle, 172
Anderson, Matthew, 82
Anderson, Racine, 102
Anderson, Robin, 120
Anderson, Timothy, 101
Anderson, Veanne, 49
Andersson, Matthew, 115
Andrews, Angela, 200, 242
Andrews, Jessica, 40
Anfuso, Carla, 54
Angove, Rebekah, 157
Anliker, Natalie, 206
Antler, Caroline, 188
Antonelli, Chris, 207
Appleby, Drew, 175, 176
Applegate, Kathryn, 160
Aradhye, Chinmay, 58
Arbuckle, Nathan, 11
Arcieri, Joel, 206
Arend, Nicholas, 229
Ariel, Robert, 27
Ariely, Dan, 29
Arkes, Hal, 202
Arkin, Robert, 6, 75, 98, 157, 229
Arkkelin, Daniel, 199, 255
Armstrong, Melissa, 237
Arnold, Kaitlin, 195
Arnott, Elizabeth, 125
Arola, Nicole, 132
Arthurs, Joe, 83
Ary, D., 214
Ashburn-Nardo, Leslie, 6, 17, 24
Ashitani, Hasti, 220
Aston-Lebold, Meghan, 57
Attenweiler, Bill, 14
Ault, Lara, 159
Aurah, Catherine, 125
Austin, Adam, 55
Austin, Stacey, 191
Avdic, Alen, 48, 186
Ayres, Melanie, 198
Aznavorian, Angela, 190
Baan, Angela, 151
Baatz, Jennifer, 149
Back, Lindsey, 187
Bailey, Karl, 62, 128, 224, 228, 236, 241, 244
Bailey, Kira, 77
Bailey, Rudolph, 62, 128
Bajorski, Jessika, 54
Bajwa, Tript, 237
Bakker, T. Lee, 258
Balaghi, Danielle, 224
Balcazar, Fabricio, 187, 188, 190, 202, 237
Balensiefen, Brandi, 249
Ball, Aaron, 233
Balota, David, 121, 152
Balthazar, Nicole, 21
Balthazar, Christopher, 176
Bane, Cynthia, 256
Bangert, Lauren, 103
Bangert, Lindsey, 217
Banion, Nicholas, 226
Banks, Britney, 197
Banozic, Adriana, 14
Barden, Jamie, 45
Bardo, Michael, 33, 34, 84, 256
Bardolph, Megan, 212
Barger, Michael, 216
Bargh, John, 137
Barille, Christian, 240
Barret, Janet, 206
Barrett, Meghan, 199
Barrington-Reed, Caitlin, 213
Barron, Shane, 230
Barry, Caitlin, 217
Bartels, Daniel, 138
Bartgis, Lindsey, 189
Barth, Joan, 145
Bartholomew, Mitchell, 57
Bartholow, Bruce, 205
Bartoli, Angela, 162
Bartolotti, James, 69
Bartz, Jessica, 221
Bass, Christine, 192
Basten, Bianca, 227-229
Bates, Jessica, 197
Batsell, Jr., W. Robert, 86
Battaglia, Dina, 213, 256
Baumgartner, Jennifer, 236
Bazazzadeh, Shema, 149
Beachum, Lauren, 129
Beal, Brianna, 236
Beasley, Chris, 188
Beaulieu, Andrea, 230
Beck, Ashlee, 46
Beck, Emily, 248
Beck, Hall, 117, 251
Becker, Angela, 255
Becker, Rachel, 193
Becker, Stephen, 44
Beckmann, Joshua, 84
Beddow, Michelle, 151, 224, 234
Beeghley, Marjorie, 220
Beeghley, Ashley, 221
Begunova, Elena, 228
Beke, Denise, 224
Beadlow, Ian, 90, 92, 154
Belding, Jennifer, 89
Bell, Debora, 103
Bell, Dustin, 147
Bell, Suzanne, 52
Belleau, Emily, 221
Belleza, Francis S., 258
Bell, Alicia, 241
Benfield, Jake, 70
Benge, Laura, 204
Benhoff, Katelyn, 201
Benjamin, Jr., Ludy, 88, 178
Bennett, Natalie, 204
Beran, Tanya, 146
Berechold, Brian, 36
Bergen, Whitney, 207
Bergman, Jared, 192
Berman, Eric, 130
Bernstein, Michael, 12, 24, 70, 167
Bertilson, Hal S., 259
Bertsch, Kristin, 32
Bester, Ellen, 202, 244
Betchonville, Brian, 161
Bevans, Rick, 8
Beyer, Alisa, 254
Beynon, Scott, 210
Bierneck, Amber, 195
Bienias, Monica, 79
Bilkey, Samantha, 198
Bills, Amanda, 213
Biner, Paul, 78
Biran, Mia, 159
Birky, Ian, 32
Bishop, Brenden, 208
Bishop, Jeffrey, 103
Bishop, Nick, 46
Bixter, Michael, 218
Black, Madeline, 248
Blaetz, Taylor, 142
Blaha, Brooke, 227
Blake, Taylor, 82
Blakemore, Elaine, 6, 7, 136, 255
Blankenship, Kevin, 169, 212
Blankmeyer, Katheryn, 59, 74, 181, 182
Blanton, Elijah, 32, 158
Blaschovich, James, 87
Bledsoe, Darrin, 230
Blount, Crystal, 177
Bloyd, Jeannine, 255
Bluett, A., 214
Bluestein, Brooke, 107
Blumeyer, Tara, 213
Boateng, Patrick, 105
Bock, Tonia, 161
Bodda, Sanata, 188, 192
Boddenan, Galen, 39
Bodie, James, 40, 258
Bohnert, Amy, 132
Bolland, John, 145
Bollinger, Megan, 217
Bolton, Ayana, 217
Bonfiglio, Diane, 197
Bonifas, Bridgette, 246
Booth, Heather, 81
Borders, Joseph, 229
Borduin, Charles, 205
Boss, Jeremy, 126
Bosworth, Mary, 232
Bothne, Nancy, 189
Bottom, Todd, 188, 190
Boucher, Kathryn, 153
Bower, Ray, 255
Bowers, Ashley, 211
Bowley, Desiree, 36
Bowles, Ryan, 21
Bowman, Nathan, 250
Boyd, Carmen, 147
Boyd, Kelsey, 196
Bozeman, Rayne, 226
Braatz, Hayley, 61
Bradley, Dwania, 209
Brady, Kathryn, 211
Braikenridge, Caryn, 157
Branch, Sara, 119
Brandt, Mark, 32, 35, 70
Brannon, Laura, 134
Branscombe, Nyla R., 256
Buen, Justin, 211
Brausch, Amy, 114, 228
Breault, Michele, 216, 218, 238
Breitbach, Nicole, 201
Brejile, Grace, 207
Brelsford, John W., 259
Brennan, Ashli, 196
Brewer, Jacob, 81
Briggs, James, 256
Brill, Katherine, 144
Briner, Stephen, 122
Bringgold, Greg, 46
Bringle, Robert, 189
Brinol, Pablo, 38, 89
Broadwell, Katie, 143
Bromley, Jamie, 74
Brookings, Jeffrey B., 258
Brooks, Christine, 191, 192
Brooks, Jeff, 161
Brooks, Molly, 142
Broome, Kayla, 228
Brown, Abigail, 189
Brown, Carrie, 17, 238
Brown, Christina, 10, 12, 60, 71, 97
Brown, Clifford, 61, 211, 226, 231
Brown, Danice, 101, 207
Brown, Donald, 8
Brown, Elizabeth, 34, 153
Brown, Marcus, 243
Brown, Molly, 189
Brown, Paige, 228
Brown, Russell, 33, 83
Brown, Stephanie, 161
Brown, Victoria, 55
Brown-Kramer, Carolyn, 164
Bruesewitz, Anna, 151
Brunton, Laura, 28
Brunshagen, Stephen, 122
Bruss, Amanda, 228
Bryant, James, 227
Bucbian, Michaela, 196-198
Buchanan, Greg, 259
Buchanan, Nicole, 107
Bucheli, Kenda, 235
Buckingham, Justin, 159
Bucklin, Clare, 230
Bucur, Barbara, 202, 207, 245
Budd, Desiree, 112
Budeshem, Thomas, 124, 248
Buehn, Christina, 188, 237
Bulgrin, Amanda, 210
Burchardt, Alex, 241
Burchill, John, 55
Burgess, Cassandra, 147
Buri, John, 257
Burlakova, Viktor, 130
Burnett, Harvey, 227
<table>
<thead>
<tr>
<th>Burns, Gary</th>
<th>203-206</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burns, Zachary</td>
<td>138</td>
</tr>
<tr>
<td>Burnside, Ebony</td>
<td>190</td>
</tr>
<tr>
<td>Burrow, Greg</td>
<td>110</td>
</tr>
<tr>
<td>Burrow, Rise</td>
<td>46</td>
</tr>
<tr>
<td>Burt, Tracie</td>
<td>133</td>
</tr>
<tr>
<td>Busching, Michelle</td>
<td>127</td>
</tr>
<tr>
<td>Buskist, William</td>
<td>65, 178</td>
</tr>
<tr>
<td>Buswell, Brenda</td>
<td>201, 208, 223, 230, 233, 237, 240</td>
</tr>
<tr>
<td>Butler, Arielie</td>
<td>224</td>
</tr>
<tr>
<td>Butler, Corey</td>
<td>257</td>
</tr>
<tr>
<td>Buttliere, B.</td>
<td>214</td>
</tr>
<tr>
<td>Buttram, Olivia</td>
<td>219</td>
</tr>
<tr>
<td>Byers, Steven</td>
<td>163</td>
</tr>
<tr>
<td>Byndom, Maria</td>
<td>232</td>
</tr>
<tr>
<td>Caban, Angela</td>
<td>234</td>
</tr>
<tr>
<td>Cacioppo, John</td>
<td>95</td>
</tr>
<tr>
<td>Cahill, Shawn</td>
<td>231</td>
</tr>
<tr>
<td>Cahoon, Melissa</td>
<td>258</td>
</tr>
<tr>
<td>Cali, Billie</td>
<td>58</td>
</tr>
<tr>
<td>Calicutt, T'Shannon</td>
<td>228</td>
</tr>
<tr>
<td>Camarata, Stephanie</td>
<td>222</td>
</tr>
<tr>
<td>Cameron, Heather</td>
<td>80, 161</td>
</tr>
<tr>
<td>Campana, Kristie</td>
<td>175, 240</td>
</tr>
<tr>
<td>Campbell, Catherine</td>
<td>58</td>
</tr>
<tr>
<td>Campbell, Miranda</td>
<td>239</td>
</tr>
<tr>
<td>Campbell, Robert</td>
<td>130</td>
</tr>
<tr>
<td>Campione-Barr, Nicole</td>
<td>195, 196</td>
</tr>
<tr>
<td>Camras, Linda</td>
<td>20</td>
</tr>
<tr>
<td>Canivez, Gary</td>
<td>99, 146, 254</td>
</tr>
<tr>
<td>Cannella, Andrew</td>
<td>158</td>
</tr>
<tr>
<td>Canomace, Jacqueline</td>
<td>208, 228</td>
</tr>
<tr>
<td>Canter, Arthur</td>
<td>8</td>
</tr>
<tr>
<td>Cardoso, Florencia</td>
<td>16</td>
</tr>
<tr>
<td>Carey, Devin</td>
<td>127</td>
</tr>
<tr>
<td>Carlson, Donal</td>
<td>6, 16, 136, 137, 155</td>
</tr>
<tr>
<td>Carney, Dana</td>
<td>18</td>
</tr>
<tr>
<td>Carnot, Mary Jo</td>
<td>257</td>
</tr>
<tr>
<td>Carpenter, Shana</td>
<td>69, 143</td>
</tr>
<tr>
<td>Carr, Aileen</td>
<td>54</td>
</tr>
<tr>
<td>Carr, Thomas</td>
<td>92, 138, 152</td>
</tr>
<tr>
<td>Carroll, Dave</td>
<td>200</td>
</tr>
<tr>
<td>Carroll, David</td>
<td>179, 180</td>
</tr>
<tr>
<td>Carroll, Patrick</td>
<td>97</td>
</tr>
<tr>
<td>Carston, Rachel</td>
<td>210</td>
</tr>
<tr>
<td>Carter, Evelyn</td>
<td>15</td>
</tr>
<tr>
<td>Carter, Nathan</td>
<td>150</td>
</tr>
<tr>
<td>Carter, Travis</td>
<td>11</td>
</tr>
<tr>
<td>Caruso, Eugene</td>
<td>138</td>
</tr>
<tr>
<td>Casavant, Vanessa</td>
<td>65</td>
</tr>
<tr>
<td>Casey, Elizabeth</td>
<td>140</td>
</tr>
<tr>
<td>Cassady, Jerrell</td>
<td>14, 125, 128, 131</td>
</tr>
<tr>
<td>Catalano, Jenna</td>
<td>200</td>
</tr>
<tr>
<td>Cate, Rodney</td>
<td>35</td>
</tr>
<tr>
<td>Centeno, Leslie</td>
<td>149</td>
</tr>
<tr>
<td>Cervantes, Javier</td>
<td>46</td>
</tr>
<tr>
<td>Cervantes, Sasha</td>
<td>67</td>
</tr>
<tr>
<td>Cetola, Henry</td>
<td>230</td>
</tr>
<tr>
<td>Chab, Sarah</td>
<td>146</td>
</tr>
<tr>
<td>Chan, Sydney</td>
<td>45</td>
</tr>
<tr>
<td>Chance, Randie</td>
<td>48</td>
</tr>
<tr>
<td>Chandler, Jesse</td>
<td>142</td>
</tr>
<tr>
<td>Chandley, Rachel</td>
<td>103</td>
</tr>
<tr>
<td>Chang, Edward</td>
<td>51, 105, 106, 132, 133</td>
</tr>
<tr>
<td>Chapleau, Kristine</td>
<td>25</td>
</tr>
<tr>
<td>Chari, Krishna</td>
<td>191, 192</td>
</tr>
<tr>
<td>Chartier, Christopher</td>
<td>24, 95</td>
</tr>
<tr>
<td>Chaudoir, Stephanie</td>
<td>199</td>
</tr>
<tr>
<td>Chavarria, Jesus</td>
<td>188, 192</td>
</tr>
<tr>
<td>Cheavens, Jennifer</td>
<td>103, 163, 200</td>
</tr>
<tr>
<td>Chen, Hung-Tao</td>
<td>150</td>
</tr>
<tr>
<td>Chen, Jing</td>
<td>203</td>
</tr>
<tr>
<td>Cheng, Jiuqing</td>
<td>80</td>
</tr>
<tr>
<td>Cheng, Justin</td>
<td>25</td>
</tr>
<tr>
<td>Chenier, Evelyn</td>
<td>189</td>
</tr>
<tr>
<td>Chiao, Joan</td>
<td>18</td>
</tr>
<tr>
<td>Chin, Iris</td>
<td>147</td>
</tr>
<tr>
<td>Cho, Grace</td>
<td>257</td>
</tr>
<tr>
<td>Choplin, Jessica</td>
<td>29</td>
</tr>
<tr>
<td>Chow, Jonathan</td>
<td>150</td>
</tr>
<tr>
<td>Christ, Shawn</td>
<td>223</td>
</tr>
<tr>
<td>Christensen, Jessica</td>
<td>217</td>
</tr>
<tr>
<td>Christians, Meg</td>
<td>209</td>
</tr>
<tr>
<td>Christman, Stephen</td>
<td>161</td>
</tr>
<tr>
<td>Christopherson, Kimberly</td>
<td>174</td>
</tr>
<tr>
<td>Cicadellini, Angelina</td>
<td>157</td>
</tr>
<tr>
<td>Ciesiulka, Jennifer</td>
<td>54</td>
</tr>
<tr>
<td>Clafin, Dragauna</td>
<td>232, 233</td>
</tr>
<tr>
<td>Clapham, Maria</td>
<td>112</td>
</tr>
<tr>
<td>Clark, Eddie</td>
<td>59, 204</td>
</tr>
<tr>
<td>Clark, Emily</td>
<td>153, 154</td>
</tr>
<tr>
<td>Clark, Jason</td>
<td>15, 88, 89</td>
</tr>
<tr>
<td>Clark, Lee Anna</td>
<td>222, 240, 246</td>
</tr>
<tr>
<td>Clark, Robert</td>
<td>21</td>
</tr>
<tr>
<td>Clark, Shannon</td>
<td>238</td>
</tr>
<tr>
<td>Clark, William</td>
<td>186</td>
</tr>
<tr>
<td>Clark-Foss, Arlo</td>
<td>151</td>
</tr>
<tr>
<td>Clarkson, Joshua</td>
<td>89</td>
</tr>
<tr>
<td>Clary, Gil</td>
<td>131</td>
</tr>
<tr>
<td>Claypool, Heather</td>
<td>15, 168</td>
</tr>
<tr>
<td>Clemens, Andrew</td>
<td>181</td>
</tr>
<tr>
<td>Clevinger, Amanda</td>
<td>224</td>
</tr>
<tr>
<td>Cline, Cristin</td>
<td>200</td>
</tr>
<tr>
<td>Clinton, James</td>
<td>98, 145</td>
</tr>
<tr>
<td>Clopton, Jim</td>
<td>44</td>
</tr>
<tr>
<td>Close, Wendy</td>
<td>175, 204, 217, 239</td>
</tr>
<tr>
<td>Clyne, Erin</td>
<td>189</td>
</tr>
<tr>
<td>Cobie, Alyssa</td>
<td>197</td>
</tr>
<tr>
<td>Cochran, Justinn</td>
<td>213</td>
</tr>
<tr>
<td>Coeling, Trevor</td>
<td>235</td>
</tr>
<tr>
<td>Cohen-Shikora, Emily</td>
<td>121</td>
</tr>
<tr>
<td>Cokely, Edward</td>
<td>42, 43, 146, 150</td>
</tr>
<tr>
<td>Coker, Tamara</td>
<td>224</td>
</tr>
<tr>
<td>Cole, Dick</td>
<td>202</td>
</tr>
<tr>
<td>Coleman, Jill</td>
<td>58</td>
</tr>
<tr>
<td>Collie, Kanisha</td>
<td>202, 245</td>
</tr>
<tr>
<td>Collins, Rachael</td>
<td>225</td>
</tr>
<tr>
<td>Colon, Geoffrey</td>
<td>189</td>
</tr>
<tr>
<td>Compton, Jill</td>
<td>230</td>
</tr>
<tr>
<td>Conger, Anthony</td>
<td>111, 173</td>
</tr>
<tr>
<td>Conley, Colleen</td>
<td>60, 104, 115, 133, 134, 187</td>
</tr>
<tr>
<td>Conley, Kaylee</td>
<td>195</td>
</tr>
<tr>
<td>Conley, Lacey</td>
<td>127</td>
</tr>
<tr>
<td>Conner, David</td>
<td>241</td>
</tr>
<tr>
<td>Conrad, Kelly</td>
<td>66</td>
</tr>
<tr>
<td>Constance, Jordan</td>
<td>217, 245</td>
</tr>
<tr>
<td>Contreas, Richard</td>
<td>188, 193</td>
</tr>
<tr>
<td>Conway, Anne</td>
<td>61</td>
</tr>
<tr>
<td>Conway, John</td>
<td>104</td>
</tr>
<tr>
<td>Conybeare, Daniel</td>
<td>102</td>
</tr>
<tr>
<td>Cook, Edwin</td>
<td>78</td>
</tr>
<tr>
<td>Cooley, Sarah</td>
<td>81</td>
</tr>
<tr>
<td>Coon, Heather</td>
<td>98</td>
</tr>
<tr>
<td>Cooper, Dan</td>
<td>190</td>
</tr>
<tr>
<td>Cooper, Heather</td>
<td>243</td>
</tr>
<tr>
<td>Cooper, Jennifer</td>
<td>179</td>
</tr>
<tr>
<td>Cooper, Lyndsee</td>
<td>231</td>
</tr>
<tr>
<td>Cornelius, Carson</td>
<td>61</td>
</tr>
<tr>
<td>Cornell, Margaret</td>
<td>192</td>
</tr>
<tr>
<td>Corning, Alexandra</td>
<td>196-198</td>
</tr>
<tr>
<td>Cornish, Marilyn</td>
<td>219</td>
</tr>
<tr>
<td>Correll, Joshua</td>
<td>23, 155, 234</td>
</tr>
<tr>
<td>Corrigan, Patrick</td>
<td>87, 169</td>
</tr>
<tr>
<td>Cortese, Michael</td>
<td>28, 121</td>
</tr>
<tr>
<td>Corts, Daniel</td>
<td>10, 117, 174, 198, 205, 210, 213, 244, 245, 247</td>
</tr>
<tr>
<td>Coskunpinar, Ayca</td>
<td>169</td>
</tr>
<tr>
<td>Cosme, Caitlin</td>
<td>249</td>
</tr>
<tr>
<td>Costello, Rachel</td>
<td>208</td>
</tr>
<tr>
<td>Covic, Matthew</td>
<td>177</td>
</tr>
<tr>
<td>Cowan, Nelson</td>
<td>152</td>
</tr>
<tr>
<td>Coy, Anthony</td>
<td>37</td>
</tr>
<tr>
<td>Cozad, Iovonne</td>
<td>215</td>
</tr>
<tr>
<td>Craig, Maureen</td>
<td>39</td>
</tr>
</tbody>
</table>
Crane, Cory, 109, 123
Cravens-Brown, Lisa, 108, 198
Crispen, Robert, 150
Cronin, Lauren, 241
Cronk, Brian C., 257
Crooks, Peter, 84
Crosby, Kim, 44
Cross, Kaitlin, 144
Cross, Susan, 36
Crouch, Julie, 121
Crouse, Jake, 189
Crowson, H. Michael, 161
Crosby, Kim, 109
Crockton, Jack S., 257
Crooks, Peter, 84
Crosby, Kim, 44
Cross, Kaitlin, 144
Cross, Susan, 36
Crouch, Julie, 121
Crouse, Jake, 189
Crowson, H. Michael, 161
Crosby, Kim, 109
Crockton, Jack S., 257
Crooks, Peter, 84
Crosby, Kim, 44
Cross, Kaitlin, 144
Cross, Susan, 36
Crouch, Julie, 121
Crouse, Jake, 189
Crowson, H. Michael, 161
Crosby, Kim, 109
Crockton, Jack S., 257
Crooks, Peter, 84
Crosby, Kim, 44
Cross, Kaitlin, 144
Cross, Susan, 36
Crouch, Julie, 121
Crouse, Jake, 189
Crowson, H. Michael, 161
Crosby, Kim, 109
Crockton, Jack S., 257
Crooks, Peter, 84
Crosby, Kim, 44
Cross, Kaitlin, 144
Cross, Susan, 36
Crouch, Julie, 121
Crouse, Jake, 189
Crowson, H. Michael, 161
Crosby, Kim, 109
Crockton, Jack S., 257
Crooks, Peter, 84
Crosby, Kim, 44
Cross, Kaitlin, 144
Cross, Susan, 36
Crouch, Julie, 121
Crouse, Jake, 189
Crowson, H. Michael, 161
Crosby, Kim, 109
Crockton, Jack S., 257
Crooks, Peter, 84
Head, Denise, 86
Heald, Shannon, 179
Healy, Kayden, 198
Hedglen, Jenna, 192
Hein, Gretchen, 151
Heintzelman, Samantha, 224
Heinz, Adrienne, 202, 215
Heiy, Jane, 163
Helfer, Suzanne, 162
Helford, Michael, 55
Helion, Alicia, 66, 259
Helm, Jr., Herbert, 215, 226
Hemrich, Ashley, 242
Henderson, Norman, 258
Henges, Amy, 201
Henry, Caitlin, 85, 197, 201
Henry, P., 70
Henry, Robin, 236
Hershaw, Erin, 116, 225
Henton, Michelle, 188
Herlache, Anne, 172
Hermann, Anthony, 61, 147, 209
Hernandez Finch, Maria, 130
Hernandez, Monica, 198
Herringshaw, Abbey, 51, 105, 106, 132, 133
Hettich, Paul, 176
Hetzel-Riggin, Melanie, 124, 156, 201, 202
Hill, LaBarron, 223
Hillard, Erin, 169
Hillery, Taylor, 206
Hinderliter, Charles, 82
Hinshaw, Erin, 226
Hinze, Verlin, 96, 139, 258
Hinze, Scott, 90
Hirsch, Jameson, 51, 106
Hirt, Edward, 11, 26, 255
Hixon, Tara, 220
Hlavaty, Laura, 189
Hoane, Michael, 94
Hock, Alyson, 227
Hooekstra, Steven, 55, 77, 78, 171, 256
Hoet, Ariana, 200
Hoffman, August, 140
Hoffman, Lauren, 229
Hoffman, Linda, 255
Hoffman, Michaela, 216, 218, 219
Hoffman, Philip, 147
Hoffman, Sara, 114
Hofler, Timothy, 197
Holcomb, Britney, 110
Holden, Jocelyn, 58
Holderfield, Luke, 84
Holland, Megan, 220
Hollenbeck, Kayla, 236
Holliman, Armita, 109
Hollister, Brandon, 247
Holmbeck, Grayson, 208, 225
Holmgren, Lucie, 123
Holst, Marissa, 215
Holt, Candice, 61
Holtgraves, Thomas, 8
Holtz, Jan, 257
Holzknecht, Zachary, 78
Holzer, Erika, 230
Honeycutt, Matthew, 184
Hoover, Kayla, 210
Hopkins, Andrea, 230
Hopkins, Devon, 208
Horan, Caitlin, 228
Hord, Lauren, 33
Horgan, Terrence, 162
Horn, Sarah, 226
Horton, William, 41
Hosey, Christine, 32
Hou, Myah, 208
Hou, Phally, 96
Houska, Jeremy, 15, 54, 254
Housley, Meghan, 168
Houston, Jessica, 130
Hovanitz, Christine, 247
Howard, Meagan, 201
Howard, Samuel, 238, 243
Howard, Trina, 143
Howell, Kathryn, 109
Hoyert, Mark, 255
Huynh, Jami, 103
Hyland, Sharon, 257
Hymes, Robert, 213, 217, 220, 221, 224, 228, 234, 235, 239, 242, 256
Iannone, Nicole, 53
Ibrahim, Aisha, 122
Iceda, Catherine, 52, 53, 161
Immerfall, Katie, 181
Inman, Mary, 199, 256
Ireland, Molly, 96
Irie, Ivan, 191, 192
Issacson, Anna, 199
Isenberg, Lisa, 215, 241
Iskra, Amette, 157
Izadi, Sonya, 202, 245
Jackson, Donald, 173
Jackson, Jay, 45, 53
Jackson, Kyana, 228
Jacobs, T., 8
Jacobson, Britany, 238
Jacobson, Jill, 139
Jacobson, Nicholas, 217, 238, 245
Jacoby, Larry, 68
Janusz, Heidi, 237
Jarnecke, Amber, 204
Jarozy, Andrew, 92
Jarvis, Lorna, 231, 235
Jason, Leonard, 187-190, 192, 193
Jazwinski, Christine, 47, 257
Jeevarajan, Jessica, 242
Jefferson, Matthew, 85
Jeglic, Elizabeth, 51, 106
Jerome, Kelly, 126
Jesky, Lawrence L., 258
Jewell, Kimberly, 149
Jia, Lile, 26, 38
Jih, Chwan-Shyang, 242
Jimenez, Jesus, 60
Jimenez, Tiffany, 189
Johnsen, Lindsay, 217
Johnson, Amanda, 209, 238
Johnson, Angela, 224
Johnson, Brittany, 222
Johnson, India, 38
Johnson, Jean, 141, 175, 177, 181, 183, 254
Johnson, K. Michelle, 227
Hunter, Bronwyn, 188, 192, 193
Hunter, Erin, 109, 226
Hunter, Owen, 52, 53
Hutton, Kathryne, 197
Hyun, Jam, 103
Hyland, Sharon, 257
Hymes, Robert, 213, 217, 220, 221, 224, 228, 234, 235, 239, 242, 256
Iannone, Nicole, 53
Ibrahim, Aisha, 122
Iceda, Catherine, 52, 53, 161
Immerfall, Katie, 181
Inman, Mary, 199, 256
Ireland, Molly, 96
Irie, Ivan, 191, 192
Issacson, Anna, 199
Isenberg, Lisa, 215, 241
Iskra, Amette, 157
Izadi, Sonya, 202, 245
Jackson, Donald, 173
Jackson, Jay, 45, 53
Jackson, Kyana, 228
Jacobs, T., 8
Jacobson, Britany, 238
Jacobson, Jill, 139
Jacobson, Nicholas, 217, 238, 245
Jacoby, Larry, 68
Janusz, Heidi, 237
Jarnecke, Amber, 204
Jarozy, Andrew, 92
Jarvis, Lorna, 231, 235
Jason, Leonard, 187-190, 192, 193
Jazwinski, Christine, 47, 257
Jeevarajan, Jessica, 242
Jefferson, Matthew, 85
Jeglic, Elizabeth, 51, 106
Jerome, Kelly, 126
Jesky, Lawrence L., 258
Jewell, Kimberly, 149
Jia, Lile, 26, 38
Jih, Chwan-Shyang, 242
Jimenez, Jesus, 60
Jimenez, Tiffany, 189
Johnsen, Lindsay, 217
Johnson, Amanda, 209, 238
Johnson, Angela, 224
Johnson, Brittany, 222
Johnson, India, 38
Johnson, Jean, 141, 175, 177, 181, 183, 254
Johnson, K. Michelle, 227
Johnson, Katelyn, 215
Johnson, Kelsey, 216
Johnson, Megan, 30
Johnson, Nicholas, 142, 211
Johnson, Susan, 216
Johnston, Abbey, 196
Johnston, Lindsey, 48
Johnston, Ryan, 184
Jones, Angela, 121, 122
Jones, Christopher, 45
Jones, David K., 257
Jones, Eric, 31, 71
Jones, Gerald, 129
Jones, Isaiah, 168
Jones, Karen, 237
Jones, Keith, 23, 210
Jones, Kristin, 45
Jones, Nile, 239
Jordan, Ashley, 48
Jordan, Jerome, 145
Jorgensen, Kelsey, 204
Joshi, Meghan, 229
Joshi, Prianca, 81
Juricic, Rebecca, 242
Kalat, James, 175
Kalble, Connie, 114
Kalies, Meredith, 156
Kalif, Asho, 215
Kamat, Priya, 98
Kaminski, Jennifer, 218
Kane, Alexander, 222
Kanaya, Meghan, 227
Karabasios, Vicky, 188
Karapetian, Tatiana, 214
Karlen, Claire, 212
Karmali, Francine, 172
Karpel, Kevin, 11, 26, 38
Karpicke, Jeffrey, 91, 144
Karpouzian, Lizzy, 68
Kartchen, Cora, 228, 242
Karsai, Monica, 14, 43
Kast, Jeffrey, 208
Kasek, Kristen, 189, 194
Kasek, Jon, 202, 215
Kastenbaum, Kristina, 216, 218, 219
Katsuyama, Ronald, 57
Kattoua, Adam, 231
Katzarska-Miller, Iva, 256
Kawakami, Kerry, 37, 172
Kearke, Seth, 111, 128
Kean, Meghan, 101
Keary, Therese, 140
Keedy, Sarah, 79
Keene, Lindsey, 81, 82
Kehrberg, Ana, 12
Keiser, Nate, 172
Kelley, Erika, 120
Kelley, Karl, 54, 214, 220, 244, 250
Kelley, Kristine, 221
Kelley, Rebecca, 105
Kellogg, Anne, 228
Kelly, Anne, 182, 215
Kelly, Emmalynn, 167, 206
Kelly, Janice, 6, 20, 36, 53, 71, 136, 255
Kelly, Kristine, 13, 18, 119, 167, 221, 255
Kelly, Spencer, 146
Kempainen, Amber, 151
Kendrick, Donald F., 259
Keniston, Allen, 179, 181, 259
Kennedy, Gary, 82
Kennedy, Sean, 220
Kennedy, Susan, 82
Kenneally, Sara, 241
Keppel, Geoffrey, 254
Kerns, John, 204
Kerr, Amanda, 202
Kerr, Jessica, 220
Kerr, Norbert, 22, 64, 126, 256
Kean, Janese, 116
Keys, Christ, 190
Khan, Maya, 91, 131, 149
Khatcherian, Stephanie, 233
Khetarpal, Naveen, 23
Khou, Christina, 114, 170, 243
Kiddoo, Kristin, 240, 242
Kiebel, Elizabeth, 85
King, Jessica, 219
King, Kenneth, 247
King, Laura, 224
King, Serena, 206
Kings, Amy, 58
Kinsel, Elias, 188
Kinzler, Katherine, 21, 67
Kirk, Kimberly, 241
Kirkland, Tabitha, 156
Kirsch, Alexandra, 206
Kiser, Charalene, 129
Kite, Mary, 6, 175
Klar, David, 197
Klauser, Brittney, 85, 248
Klein, Kimberly, 247
Kleist, Caitlin, 222
Klement, Kathryn, 49, 54
Klemm, Natalie, 127, 134
Kleven, Gale, 81, 82
Kleyman, Kerry, 99, 216, 220
Klingler, Eric, 8
Klipfel, Katherine, 25
Kliwer, Cathleen, 201
Kluwe, Katharina, 64
Klyce, Daniel, 111
Knabe, William, 129
Knapp, John, 173
Knight, Melissa, 219, 247
Knobloch-Fedders, Lynne, 104, 105
Knappel, Kenneth, 199
Knutson, Roger, 241
Koby, Molly, 61, 207
Kociba, Chelsea, 111
Kocon, Kaytie, 203
Koeltzow, Timothy, 214, 241, 249
Koenigs, Angela, 188
Kohlhepp, Kristine, 150
Kolotkin, Richard, 216
Komarraju, Meera, 48, 65, 75, 176, 186, 255
Koniar, Kelsey, 218
Konnath, Sara, 79, 80, 161, 170
Kontra, Carly, 40
Konyakova, Olga, 60
Kopelman, Clark, 129
Kopp, Rebecca, 150, 242
Kopta, Stephen, 127
Kortenkamp, Katherine, 61, 211, 231
Koutouzos, Christina, 165
Kozak, Lizzy, 68
Kraft, Michaela, 82, 124
Kraft, Robert, 198, 235
Kragh, Carolyn, 237
Kramer, Sam, 241
Kreft, John H., 255
Krause, Christina, 129, 254
Krawitz, Sabine, 40, 93
Kreiner, David, 184, 195, 244
Krangel, Larry, 61
Kruger, Daniel, 13
Kruell, Douglas, 171, 210
<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kruse, Anna</td>
<td>195</td>
</tr>
<tr>
<td>Kryder, Caitlin</td>
<td>214</td>
</tr>
<tr>
<td>Kuhn, Jackie</td>
<td>141</td>
</tr>
<tr>
<td>Kutmas, Brandon</td>
<td>201</td>
</tr>
<tr>
<td>Kwitowski, Melissa</td>
<td>77, 234</td>
</tr>
<tr>
<td>Kyles, Wardell</td>
<td>188</td>
</tr>
<tr>
<td>LaCost, Heather</td>
<td>179</td>
</tr>
<tr>
<td>Lacy, Ryan</td>
<td>33</td>
</tr>
<tr>
<td>LaForge, Jan</td>
<td>209</td>
</tr>
<tr>
<td>Laluna, Daniel</td>
<td>191</td>
</tr>
<tr>
<td>Lamb, Anglique</td>
<td>99</td>
</tr>
<tr>
<td>Lambert, David</td>
<td>216, 224</td>
</tr>
<tr>
<td>Lambertson, Cynthia</td>
<td>149</td>
</tr>
<tr>
<td>Landau, Mark</td>
<td>117</td>
</tr>
<tr>
<td>Landau, Pamela</td>
<td>173</td>
</tr>
<tr>
<td>Lander, Gwendoline</td>
<td>115</td>
</tr>
<tr>
<td>Landry, Catherine</td>
<td>215</td>
</tr>
<tr>
<td>Lang, David</td>
<td>11, 99, 206, 214</td>
</tr>
<tr>
<td>Lano, Samantha</td>
<td>203</td>
</tr>
<tr>
<td>Laney, Cara</td>
<td>240</td>
</tr>
<tr>
<td>Lang, Brittany</td>
<td>236</td>
</tr>
<tr>
<td>Lang, Sarah</td>
<td>73</td>
</tr>
<tr>
<td>Langdon, Catherine</td>
<td>215</td>
</tr>
<tr>
<td>Langes, Laura</td>
<td>191, 192</td>
</tr>
<tr>
<td>Langsner, Stacey</td>
<td>189</td>
</tr>
<tr>
<td>Lamin, Daniel</td>
<td>14</td>
</tr>
<tr>
<td>Lapsley, Daniel</td>
<td>160, 255</td>
</tr>
<tr>
<td>Larsen, Randy J.</td>
<td>257</td>
</tr>
<tr>
<td>Larson, Christine</td>
<td>221</td>
</tr>
<tr>
<td>Larson, Jr., James</td>
<td>96, 97</td>
</tr>
<tr>
<td>Larson, Kristin</td>
<td>216, 239</td>
</tr>
<tr>
<td>Larwin, Karen</td>
<td>186</td>
</tr>
<tr>
<td>Lassiter, Andrea</td>
<td>182, 229</td>
</tr>
<tr>
<td>Law, Alvin</td>
<td>166</td>
</tr>
<tr>
<td>Lawlor, Jennifer</td>
<td>193</td>
</tr>
<tr>
<td>Lawrence, Ashley</td>
<td>199</td>
</tr>
<tr>
<td>Lawton, Carol</td>
<td>222</td>
</tr>
<tr>
<td>Lazarus, Sophie</td>
<td>103</td>
</tr>
<tr>
<td>Le, Nghï</td>
<td>222</td>
</tr>
<tr>
<td>Leach, Ryan</td>
<td>97</td>
</tr>
<tr>
<td>Leaf, Ryan</td>
<td>230</td>
</tr>
<tr>
<td>LeBreton, James</td>
<td>208</td>
</tr>
<tr>
<td>Leddy, Stephanie</td>
<td>207</td>
</tr>
<tr>
<td>Lee, Angela</td>
<td>207</td>
</tr>
<tr>
<td>Lee, Catherine</td>
<td>60</td>
</tr>
<tr>
<td>Lee, Meghan</td>
<td>168</td>
</tr>
<tr>
<td>Lee, Sherman</td>
<td>168</td>
</tr>
<tr>
<td>Lee, Yuen-Ting</td>
<td>45</td>
</tr>
<tr>
<td>Legler, Ray</td>
<td>188, 191</td>
</tr>
<tr>
<td>Lehmiiller, Justin</td>
<td>35, 36, 254</td>
</tr>
<tr>
<td>Leite, Fabio</td>
<td>204</td>
</tr>
<tr>
<td>Lemka, Zackary</td>
<td>210</td>
</tr>
<tr>
<td>Lemos, Diana</td>
<td>187, 193</td>
</tr>
<tr>
<td>Leno, Marco</td>
<td>188</td>
</tr>
<tr>
<td>Lennon, Jaclyn</td>
<td>129</td>
</tr>
<tr>
<td>Lentz, Jackie</td>
<td>206</td>
</tr>
<tr>
<td>Leon, Scott</td>
<td>114, 127</td>
</tr>
<tr>
<td>Leonard, Michelle</td>
<td>227</td>
</tr>
<tr>
<td>Leon, Chris</td>
<td>89</td>
</tr>
<tr>
<td>Leonhard, Christoph</td>
<td>57, 101, 135</td>
</tr>
<tr>
<td>Leonhard, J.</td>
<td>163</td>
</tr>
<tr>
<td>Leroy, Angie</td>
<td>222</td>
</tr>
<tr>
<td>LeSage, Mark</td>
<td>33</td>
</tr>
<tr>
<td>Lesner, Katheryn</td>
<td>226</td>
</tr>
<tr>
<td>Letterly, Rita</td>
<td>236</td>
</tr>
<tr>
<td>Lever, John</td>
<td>84, 85</td>
</tr>
<tr>
<td>Lever, Susan</td>
<td>84, 85</td>
</tr>
<tr>
<td>Levin, Charles A.</td>
<td>258</td>
</tr>
<tr>
<td>Levine, John</td>
<td>64</td>
</tr>
<tr>
<td>Lewis, Abigail</td>
<td>14</td>
</tr>
<tr>
<td>Lewis, Angel</td>
<td>232</td>
</tr>
<tr>
<td>Lewis, Ciunal</td>
<td>189, 190</td>
</tr>
<tr>
<td>Lewis, Elissssa</td>
<td>257</td>
</tr>
<tr>
<td>Lewis, Kimberly</td>
<td>221</td>
</tr>
<tr>
<td>Lewis, Nikquan</td>
<td>232</td>
</tr>
<tr>
<td>Lhamon, Lianna</td>
<td>206</td>
</tr>
<tr>
<td>Li, Ming</td>
<td>125</td>
</tr>
<tr>
<td>Li-Grining, Christine</td>
<td>129</td>
</tr>
<tr>
<td>Libby, Lisa</td>
<td>237</td>
</tr>
<tr>
<td>Libfeld, Tamara</td>
<td>191</td>
</tr>
<tr>
<td>Light, Alysson</td>
<td>97</td>
</tr>
<tr>
<td>Lilje, Todd</td>
<td>202</td>
</tr>
<tr>
<td>Liljequist, Laura</td>
<td>100</td>
</tr>
<tr>
<td>Lilly, Michelle</td>
<td>113, 116</td>
</tr>
<tr>
<td>Lim, Phyllece</td>
<td>113</td>
</tr>
<tr>
<td>Lin, Ching-L</td>
<td>156, 201</td>
</tr>
<tr>
<td>Lin, Jian-You</td>
<td>83</td>
</tr>
<tr>
<td>Lin, Natalie</td>
<td>51, 105-6, 132-3</td>
</tr>
<tr>
<td>Lindemann, Dana</td>
<td>99, 134</td>
</tr>
<tr>
<td>Lindsay, R.</td>
<td>139</td>
</tr>
<tr>
<td>Linnabery, Eileen</td>
<td>140</td>
</tr>
<tr>
<td>Linwick, Daniel</td>
<td>83</td>
</tr>
<tr>
<td>Lipowski, Stacy</td>
<td>27</td>
</tr>
<tr>
<td>Listul, Taylor</td>
<td>196</td>
</tr>
<tr>
<td>Little, Justin</td>
<td>195</td>
</tr>
<tr>
<td>Little, Stephanie</td>
<td>80, 115, 243</td>
</tr>
<tr>
<td>Livengood, Adam</td>
<td>218</td>
</tr>
<tr>
<td>Loersch, Chris</td>
<td>38</td>
</tr>
<tr>
<td>Lokken, Jayne</td>
<td>47</td>
</tr>
<tr>
<td>Long, A.</td>
<td>214</td>
</tr>
<tr>
<td>Lopez, Stella</td>
<td>118</td>
</tr>
<tr>
<td>Lopez, William</td>
<td>80, 161</td>
</tr>
<tr>
<td>Lopina, Jillian</td>
<td>239</td>
</tr>
<tr>
<td>Lorch, Robert</td>
<td>150</td>
</tr>
<tr>
<td>Lorenz, Mitchell</td>
<td>11, 167</td>
</tr>
<tr>
<td>Loria, Stephanie</td>
<td>245, 251</td>
</tr>
<tr>
<td>Louis, Kathleen</td>
<td>52</td>
</tr>
<tr>
<td>Lovejoy, Chelsea</td>
<td>74</td>
</tr>
<tr>
<td>Lovejoy, M. Christine</td>
<td>158, 159</td>
</tr>
<tr>
<td>Lucas, Shana</td>
<td>106</td>
</tr>
<tr>
<td>Lucena, Nathaniel</td>
<td>86</td>
</tr>
<tr>
<td>Luchies, Laura</td>
<td>37</td>
</tr>
<tr>
<td>Luckow, Alysa</td>
<td>66</td>
</tr>
<tr>
<td>Ludwig, Thomas</td>
<td>217</td>
</tr>
<tr>
<td>Luebbe, Aaron</td>
<td>44, 103</td>
</tr>
<tr>
<td>Luebben, Sarah</td>
<td>195</td>
</tr>
<tr>
<td>Lundy, Brenda</td>
<td>148</td>
</tr>
<tr>
<td>Lundy, Duane</td>
<td>141</td>
</tr>
<tr>
<td>Lutz-Zeis, Catherine</td>
<td>80</td>
</tr>
<tr>
<td>Lybarger, Jill</td>
<td>26</td>
</tr>
<tr>
<td>Lynch, Chelsea</td>
<td>208, 228, 235</td>
</tr>
<tr>
<td>Lynch, Karen</td>
<td>191</td>
</tr>
<tr>
<td>Lyon, Beth</td>
<td>198</td>
</tr>
<tr>
<td>Lyon, Janae</td>
<td>215, 241</td>
</tr>
<tr>
<td>Lyons, Christopher</td>
<td>188, 190</td>
</tr>
<tr>
<td>Lysander, Katya</td>
<td>41</td>
</tr>
<tr>
<td>Ma, Debbie</td>
<td>23</td>
</tr>
<tr>
<td>MacCoun, Robert</td>
<td>64</td>
</tr>
<tr>
<td>MacFarlane, Peter</td>
<td>101</td>
</tr>
<tr>
<td>MacGregor, Karen</td>
<td>77</td>
</tr>
<tr>
<td>Mack, Emily</td>
<td>52</td>
</tr>
<tr>
<td>Mack, Nancy</td>
<td>179</td>
</tr>
<tr>
<td>MacMurray, Lindsay</td>
<td>138</td>
</tr>
<tr>
<td>Madsen, Justin</td>
<td>105</td>
</tr>
<tr>
<td>Madyun, Jalaal</td>
<td>224</td>
</tr>
<tr>
<td>Madzsar, Stefanie</td>
<td>213</td>
</tr>
<tr>
<td>Magnusen, Drew</td>
<td>197</td>
</tr>
<tr>
<td>Magsino, Vinnie</td>
<td>62</td>
</tr>
<tr>
<td>Mahwood, Syeda</td>
<td>220</td>
</tr>
<tr>
<td>Mahoney, Annette</td>
<td>73</td>
</tr>
<tr>
<td>Maituri, Jacqueline</td>
<td>212</td>
</tr>
<tr>
<td>Majka, Elizabeth</td>
<td>76, 95</td>
</tr>
<tr>
<td>Makhoulain, Sevan</td>
<td>232</td>
</tr>
<tr>
<td>Malia, Thomas</td>
<td>176</td>
</tr>
<tr>
<td>Mallett, Robyn</td>
<td>31, 46, 126, 185</td>
</tr>
<tr>
<td>Malm, Steven</td>
<td>209</td>
</tr>
<tr>
<td>Malmberg, Jeanne</td>
<td>256</td>
</tr>
<tr>
<td>Malters, Michelle</td>
<td>215</td>
</tr>
<tr>
<td>Malvaceda, Claudia</td>
<td>209</td>
</tr>
<tr>
<td>Mammana-Lupo, Vincent</td>
<td>188</td>
</tr>
<tr>
<td>Manarik, Gregory</td>
<td>164</td>
</tr>
<tr>
<td>Mandoske, Valerie</td>
<td>242</td>
</tr>
<tr>
<td>Manning, Ann</td>
<td>209</td>
</tr>
<tr>
<td>Manning, Mark</td>
<td>208</td>
</tr>
<tr>
<td>Marcel, Alexandra</td>
<td>217</td>
</tr>
<tr>
<td>March, Dayna</td>
<td>86</td>
</tr>
<tr>
<td>Marchenko, Victoria</td>
<td>51, 105, 106, 132, 133</td>
</tr>
<tr>
<td>Marcus, Maria</td>
<td>129</td>
</tr>
<tr>
<td>Marczynski, Cecile</td>
<td>140, 201</td>
</tr>
</tbody>
</table>
Marek, C., 241
Marek, Ryan, 220
Marez, Stephanie, 188
Marian, Viorica, 69, 92, 146
Markham, David, 215
Markman, Keith, 154
Marks, Linnea, 53
Marsh, Patricia, 175, 185, 257
Martens, Amanda, 174
Martin, Colleen, 10
Martin, Daniel, 45
Martin, Kimberly, 189, 190
Martin, Rachel, 220, 228
Martin, Trent, 85
Martinek, Katelyn, 198
Martinez, Andrew, 190
Martinez, Cindy, 54
Martinez, Leslie, 56, 118
Martinez, Mishelle, 217
Martinez, Rachael, 53, 64
Marvin, Robert, 103
Mathes, Eugene, 12, 196, 197
Mathias, Tera, 201
Mathis, Jessica, 184
Matt, Alicea, 239
Matsubara, Fukumi, 98
Matsuo, Akiko, 52
Mattarella-Micke, Andrew, 91
Mattingly, Brent, 31, 210, 221, 223, 242, 243
Mattingly, Bruce, 94
Mattox, Alicia, 239
Mattson, Colleen, 140
Maylee, Chelsea, 229
Maynard, Dalton, 142
Mazzocco, Philip, 231
McAlpine, Joceleyn, 203
McAuliff, Kathleen, 188
McCalister, Maurice, 243
McCall, Timothy, 155
McCann, Lee, 8, 259
McCarty, Megan, 20, 155
McCarty, Patrick, 212
McCauslin, Michael, 97
McClear, Kaci, 212
McClellan, Stacey, 17, 59
McClimont, Andrew, 101
McConnell, Allen, 6, 10, 16, 86
McCuddy, W. Travis, 84
McDaniel, Cyndi, 176
McDaniel, Mark, 10, 174
McDonough, Ian, 67
McDowell, John, 234
McDowell, Katelyn, 224
McDowell, Rachel, 36
McElligott, Allyson, 229
McFadden, S., 163
McGarvey, Justine, 235
McGrath, Marianne, 213, 230
McKay, Ken, 189, 190
McKeachie, Wilbert, 8
McKee, Brian, 107
McKelley, Ryan, 215
McMahon, Susan, 190
McMillin, Jeffrey, 85
McMinn, Jamie, 37
McVey, Brittniey, 219
Meads, Abigail, 201
Meeds, Christina, 124, 201
Meece, Allison, 242
Meinh, Elizabeth, 142, 211
Meinzer, Chet, 159
Meisner, Aylie, 207
Melchiori, Kala, 185
Melia, Carrie, 200
Mendoza, Ana, 248
Mensink, Michael, 68
Mente, Katheryn, 216
Merrifin, Sarah, 187
Merriman, William, 6, 66
Metzger, Mitchell, 258
Mewaldt, Steven P., 259
Meyer, Andrew, 34, 84
Meyer, Audrey, 208
Meyer, Scarlett, 46, 47
Meyers, Sul, 206, 230
Meyers, Steven, 58, 127, 176
Michaels, Patrick, 169
Michaelson, Richard, 230
Middlewood, Briania, 19
Mile, Anissa, 216
Miklavsevich, Molly, 233
Miles, Yvonne, 222
Miller, Alexis, 214
Miller, Alison, 200
Miller, Daniel, 199
Miller, Dennis, 84, 85
Miller, Elizabeth, 149
Miller, Laura, 109
Miller, Matthew, 109, 123
Miller, Megan, 134
Miller, Nicholas, 56
Millineaux, Paula, 235
Mills, Devin, 224
Mills, Justin, 237
Milner, Kate, 131
Minton, Cindy, 57
Mintun, Mark, 86
Miroballi, Jennifer, 183
Miron, Anca, 171, 172
Mirzapulos, Orhay, 147
Misale, Judith, 75, 123, 257
Misanin, James, 82
Misco, Giovanni F., 256
Mitchell, Casey, 100
Mitchell, D. Wayne, 147
Mittelberg, Amber, 197
Mitten, Courtneyn, 213
Modrowski, Crosby, 226
Moes, Paul, 232, 236, 238
Mojica, Kellina, 217
Monroe, Scott, 93
Montagano, Jeannie, 128
Monteith, Margo, 26, 117
Montgomery, Demaris, 200
Montgomery, Derek, 147, 203, 220, 223
Montgomery, Robert L., 257
Montoya, Matthew, 107
Mooney, Jessica, 164
Moore, Colleen, 259
Moore, Sean, 36
Mooreville, Mira, 200
Mohan, Dianne, 181
Mohan, Sandra, 203
Morgan, Amanda, 33
Morgan, Betsy, 8, 175, 207, 210, 250, 259
Morgan, G. Scott, 31
Morgan, Hywel, 255
Morgan, Melanie, 196
Morgan, Russell, 85
Morgan, Theresa, 222, 240, 246
Morgan, Short, Kara, 144, 214
Morley, Chelsea, 201
Morris, Brad, 225, 227, 231
Morris, Kathrin, 255
Morris, Kimberleigh, 216
Morrison, Mark, 205, 206
Morrison, Mike, 19
Morse, Timothy, 226
Mosack, Katie, 198, 209
Mosconi, Matthew, 78
Motley, Damell, 189
Mucherah, Wifredah, 111
Mueller, Jennifer, 220
<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mueller, Neal</td>
<td>190</td>
</tr>
<tr>
<td>Muhammad, Jenai</td>
<td>224</td>
</tr>
<tr>
<td>Mullen, Elizabeth</td>
<td>161</td>
</tr>
<tr>
<td>Mullineaux, Paula</td>
<td>196</td>
</tr>
<tr>
<td>Mulry, Mary</td>
<td>223</td>
</tr>
<tr>
<td>Munir, Shaheen</td>
<td>213, 222, 231, 239</td>
</tr>
<tr>
<td>Munoz, Paola</td>
<td>199</td>
</tr>
<tr>
<td>Murdock, Kyle</td>
<td>158, 159</td>
</tr>
<tr>
<td>Murnen, Sarah</td>
<td>206</td>
</tr>
<tr>
<td>Murphy, Karly</td>
<td>242</td>
</tr>
<tr>
<td>Murphy, Megan</td>
<td>120</td>
</tr>
<tr>
<td>Murphy, Shannon</td>
<td>49</td>
</tr>
<tr>
<td>Murray, Kyle</td>
<td>158, 159</td>
</tr>
<tr>
<td>Murnen, Sarah</td>
<td>206</td>
</tr>
<tr>
<td>Murphy, Karly</td>
<td>242</td>
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<td>Murphy, Megan</td>
<td>120</td>
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<td>Murphy, Shannon</td>
<td>49</td>
</tr>
<tr>
<td>Murray, Rachel</td>
<td>201</td>
</tr>
<tr>
<td>Murray, Rory</td>
<td>188</td>
</tr>
<tr>
<td>Murray-Neula, Marlene</td>
<td>162</td>
</tr>
<tr>
<td>Murruato, Amanda</td>
<td>247</td>
</tr>
<tr>
<td>Muscanell, Nicole</td>
<td>18, 49</td>
</tr>
<tr>
<td>Myers, Martin</td>
<td>148</td>
</tr>
<tr>
<td>Myhre, Anna</td>
<td>179</td>
</tr>
<tr>
<td>Nadler, Dustin</td>
<td>75</td>
</tr>
<tr>
<td>Nadler, Joel</td>
<td>46, 47</td>
</tr>
<tr>
<td>Nagelbush, Jeffrey</td>
<td>256</td>
</tr>
<tr>
<td>Naime, James</td>
<td>30</td>
</tr>
<tr>
<td>Nalbone, David</td>
<td>126</td>
</tr>
<tr>
<td>Narvaez, Daricia</td>
<td>161</td>
</tr>
<tr>
<td>Narvaez, Rayna</td>
<td>210</td>
</tr>
<tr>
<td>Natera, Sara</td>
<td>164</td>
</tr>
<tr>
<td>Navarrete, Carlos</td>
<td>70</td>
</tr>
<tr>
<td>Navarro, Elbia</td>
<td>188</td>
</tr>
<tr>
<td>Naveh-Benjamin, Moshe</td>
<td>212</td>
</tr>
<tr>
<td>Nawrot, Elizabeth</td>
<td>225, 233, 257</td>
</tr>
<tr>
<td>Nebel-Schwalm, Marie</td>
<td>240, 254</td>
</tr>
<tr>
<td>Necka, Elizabeth</td>
<td>200, 216, 218</td>
</tr>
<tr>
<td>Neiman, Rebecca</td>
<td>225</td>
</tr>
<tr>
<td>Neisewander, Janet</td>
<td>124</td>
</tr>
<tr>
<td>Nelson, Brady</td>
<td>239</td>
</tr>
<tr>
<td>Nelson, Britanny</td>
<td>99</td>
</tr>
<tr>
<td>Nelson, Christina</td>
<td>233</td>
</tr>
<tr>
<td>Nelson, Jacob</td>
<td>145</td>
</tr>
<tr>
<td>Nelson, Karl</td>
<td>80, 163</td>
</tr>
<tr>
<td>Nelson, Katie</td>
<td>208</td>
</tr>
<tr>
<td>Nelson, Sean</td>
<td>230</td>
</tr>
<tr>
<td>Nemeth, Robert</td>
<td>143</td>
</tr>
<tr>
<td>Nesbit, Sunde</td>
<td>62, 169</td>
</tr>
<tr>
<td>Neuenfeldt, Ranae</td>
<td>112</td>
</tr>
<tr>
<td>Nevin, Margot</td>
<td>243</td>
</tr>
<tr>
<td>Newly-Clark, Ian</td>
<td>19</td>
</tr>
<tr>
<td>Ney, Richard</td>
<td>255</td>
</tr>
<tr>
<td>Ngo, Paul</td>
<td>259</td>
</tr>
<tr>
<td>Nguyen, Long</td>
<td>165</td>
</tr>
<tr>
<td>Nguyen, Loan</td>
<td>199</td>
</tr>
<tr>
<td>Nicholls, Ryan</td>
<td>53</td>
</tr>
<tr>
<td>Nichols, Alex</td>
<td>248</td>
</tr>
<tr>
<td>Nichols, Robert</td>
<td>238</td>
</tr>
<tr>
<td>Nida, Steve</td>
<td>6, 259</td>
</tr>
<tr>
<td>Nielson, Kristy</td>
<td>163</td>
</tr>
<tr>
<td>Nieman, Rebecca</td>
<td>227</td>
</tr>
<tr>
<td>Night, Melissa</td>
<td>238</td>
</tr>
<tr>
<td>Njus, David</td>
<td>107</td>
</tr>
<tr>
<td>Noice, Helga</td>
<td>218, 233</td>
</tr>
<tr>
<td>Nolen, Michael</td>
<td>232</td>
</tr>
<tr>
<td>Nolz, Emily</td>
<td>160</td>
</tr>
<tr>
<td>Noon, Andrew</td>
<td>118</td>
</tr>
<tr>
<td>Nordstrom, Andrew</td>
<td>46</td>
</tr>
<tr>
<td>Norman, Gregory</td>
<td>97</td>
</tr>
<tr>
<td>Normansell, Larry</td>
<td>258</td>
</tr>
<tr>
<td>Norris, Claire</td>
<td>157</td>
</tr>
<tr>
<td>Norris, Meghan</td>
<td>88</td>
</tr>
<tr>
<td>Norris, Steffanie</td>
<td>198</td>
</tr>
<tr>
<td>Northerner, Laura</td>
<td>202</td>
</tr>
<tr>
<td>Nosek, Brian</td>
<td>38</td>
</tr>
<tr>
<td>Novak, AnnaLyse</td>
<td>216</td>
</tr>
<tr>
<td>Novak, Sandra</td>
<td>127</td>
</tr>
<tr>
<td>Novakovic, Marina</td>
<td>239</td>
</tr>
<tr>
<td>Nussbaum, Arthur</td>
<td>154</td>
</tr>
<tr>
<td>Nyenhuis, Jacque</td>
<td>150</td>
</tr>
<tr>
<td>Nysgren, Thomas</td>
<td>232</td>
</tr>
<tr>
<td>O'Brien, Dylan</td>
<td>211, 243</td>
</tr>
<tr>
<td>O'Brien, Megan</td>
<td>113</td>
</tr>
<tr>
<td>O'Connor, William</td>
<td>227</td>
</tr>
<tr>
<td>O'Donnell, Rose</td>
<td>214</td>
</tr>
<tr>
<td>O'Hara, Lauren</td>
<td>208</td>
</tr>
<tr>
<td>O'Mally, Jamie</td>
<td>93, 145</td>
</tr>
<tr>
<td>Oberkrom, Kara</td>
<td>211</td>
</tr>
<tr>
<td>Oelrichs, Clark</td>
<td>84, 85</td>
</tr>
<tr>
<td>Ogden, Sean</td>
<td>222</td>
</tr>
<tr>
<td>Okan, Yasmina</td>
<td>146</td>
</tr>
<tr>
<td>Okdie, Bradley</td>
<td>18, 118</td>
</tr>
<tr>
<td>Olejarska, Natalia</td>
<td>215</td>
</tr>
<tr>
<td>Olsen, Erik</td>
<td>241</td>
</tr>
<tr>
<td>Olson, Andrea</td>
<td>131, 179</td>
</tr>
<tr>
<td>Olson, Brad</td>
<td>189, 190</td>
</tr>
<tr>
<td>Olson, Katherine</td>
<td>240</td>
</tr>
<tr>
<td>Olson, Kellie</td>
<td>69, 77, 143</td>
</tr>
<tr>
<td>Olson, Leanne</td>
<td>234, 244</td>
</tr>
<tr>
<td>Olson, Matt</td>
<td>196, 215</td>
</tr>
<tr>
<td>Olson, Sheryl</td>
<td>200</td>
</tr>
<tr>
<td>Omarzu, Julia</td>
<td>212-214</td>
</tr>
<tr>
<td>Omura, M.</td>
<td>163</td>
</tr>
<tr>
<td>Omura, Masu</td>
<td>145</td>
</tr>
<tr>
<td>Onufafee, Eiyuto</td>
<td>189</td>
</tr>
<tr>
<td>Ornstein, Peter</td>
<td>8</td>
</tr>
<tr>
<td>Ortiz, Edwin</td>
<td>106</td>
</tr>
<tr>
<td>Oscharoff, Alisha</td>
<td>135</td>
</tr>
<tr>
<td>Oskvareck, Jonathan</td>
<td>123</td>
</tr>
<tr>
<td>Ostovich, Nicole</td>
<td>186</td>
</tr>
<tr>
<td>Oswald, Debra</td>
<td>25, 123</td>
</tr>
<tr>
<td>Ott, Zachary</td>
<td>164</td>
</tr>
<tr>
<td>Ottati, Victor</td>
<td>117</td>
</tr>
<tr>
<td>Overbeck, Amanda</td>
<td>237</td>
</tr>
<tr>
<td>Owens, Brittney</td>
<td>247</td>
</tr>
<tr>
<td>Oxtoby, Claire</td>
<td>130</td>
</tr>
<tr>
<td>Oztuncer, Banu</td>
<td>231</td>
</tr>
<tr>
<td>Paavola, Erin</td>
<td>189, 192</td>
</tr>
<tr>
<td>Pacheco, Reggie</td>
<td>219</td>
</tr>
<tr>
<td>Padilla, Gilberto</td>
<td>188</td>
</tr>
<tr>
<td>Page, Derek</td>
<td>212</td>
</tr>
<tr>
<td>Palmer, Geraldine</td>
<td>189, 190</td>
</tr>
<tr>
<td>Palmer, Terry</td>
<td>249</td>
</tr>
<tr>
<td>Palecek, Katelyn</td>
<td>210</td>
</tr>
<tr>
<td>Panaohn, Carlos</td>
<td>236</td>
</tr>
<tr>
<td>Pantaleo, Giuseppe</td>
<td>171</td>
</tr>
<tr>
<td>Pappas, M.</td>
<td>231</td>
</tr>
<tr>
<td>Parise, Jamie</td>
<td>202</td>
</tr>
<tr>
<td>Park, Daewun</td>
<td>154</td>
</tr>
<tr>
<td>Park, Ernest</td>
<td>6</td>
</tr>
<tr>
<td>Park, Gwon</td>
<td>213</td>
</tr>
<tr>
<td>Parker, Cassandra</td>
<td>223</td>
</tr>
<tr>
<td>Parpart, Paula</td>
<td>146</td>
</tr>
<tr>
<td>Parritz, Robin</td>
<td>221</td>
</tr>
<tr>
<td>Parrodt, George</td>
<td>32, 158</td>
</tr>
<tr>
<td>Parsons IV, Theron</td>
<td>259</td>
</tr>
<tr>
<td>Partin, Daniel</td>
<td>209, 238</td>
</tr>
<tr>
<td>Pastula, Adrienne</td>
<td>197</td>
</tr>
<tr>
<td>Pat, II, William</td>
<td>31, 65</td>
</tr>
<tr>
<td>Patel, Avni</td>
<td>234</td>
</tr>
<tr>
<td>Patel, Koonal</td>
<td>133</td>
</tr>
<tr>
<td>Patel, Manali</td>
<td>65</td>
</tr>
<tr>
<td>Patel, Rima</td>
<td>46, 127</td>
</tr>
<tr>
<td>Patrick, Carol</td>
<td>256</td>
</tr>
<tr>
<td>Patton, Matt</td>
<td>179</td>
</tr>
<tr>
<td>Paul, Neal</td>
<td>190</td>
</tr>
<tr>
<td>Paul, Robert</td>
<td>81, 99, 234</td>
</tr>
<tr>
<td>Paulson, Deirdre</td>
<td>198, 248</td>
</tr>
<tr>
<td>Pavlopoulos, Vassilis</td>
<td>161</td>
</tr>
<tr>
<td>Pavlov, Laura</td>
<td>101, 110, 182, 242</td>
</tr>
<tr>
<td>Payne, B. Keith</td>
<td>38</td>
</tr>
<tr>
<td>Payne, Keegan</td>
<td>223</td>
</tr>
<tr>
<td>Pearlstein, Susan</td>
<td>20</td>
</tr>
<tr>
<td>Pearlftein, Jennifer</td>
<td>217</td>
</tr>
<tr>
<td>Pease, Heather</td>
<td>167</td>
</tr>
<tr>
<td>Peden, Blaine</td>
<td>179, 180</td>
</tr>
<tr>
<td>Pedersen, Jon</td>
<td>241</td>
</tr>
<tr>
<td>Pedroza, Karina</td>
<td>56</td>
</tr>
<tr>
<td>Peery, Destiny</td>
<td>18</td>
</tr>
<tr>
<td>Pelley, Terri</td>
<td>57</td>
</tr>
<tr>
<td>Pennebaker, James</td>
<td>96</td>
</tr>
<tr>
<td>Perera, Marisa</td>
<td>51, 105, 106, 132, 133</td>
</tr>
<tr>
<td>Perez, Jesus</td>
<td>188</td>
</tr>
<tr>
<td>Name</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Roediger, III, Henry</td>
<td>39, 68, 90</td>
</tr>
<tr>
<td>Roehling, Patricia</td>
<td>196</td>
</tr>
<tr>
<td>Rogers, Chad</td>
<td>68</td>
</tr>
<tr>
<td>Rohrer, Jennifer</td>
<td>204</td>
</tr>
<tr>
<td>Rohs, Melissa</td>
<td>179</td>
</tr>
<tr>
<td>Rohl, Ashley</td>
<td>187</td>
</tr>
<tr>
<td>Romero, Edna</td>
<td>105</td>
</tr>
<tr>
<td>Ronca, April</td>
<td>81</td>
</tr>
<tr>
<td>Rooks, Joshua</td>
<td>104</td>
</tr>
<tr>
<td>Rorer, Leonard</td>
<td>8</td>
</tr>
<tr>
<td>Rosado, Anthony</td>
<td>104</td>
</tr>
<tr>
<td>Rose, Amanda</td>
<td>214, 217, 227</td>
</tr>
<tr>
<td>Rose, Jason</td>
<td>209, 238</td>
</tr>
<tr>
<td>Rose, Karen</td>
<td>258</td>
</tr>
<tr>
<td>Rose, Paul</td>
<td>255</td>
</tr>
<tr>
<td>Rosen, Andrew</td>
<td>51</td>
</tr>
<tr>
<td>Rosen, Cherise</td>
<td>103</td>
</tr>
<tr>
<td>Rosenthal, Allen</td>
<td>163</td>
</tr>
<tr>
<td>Rosenthal, Levi</td>
<td>81</td>
</tr>
<tr>
<td>Røsli, Luke</td>
<td>142</td>
</tr>
<tr>
<td>Rosing, Howard</td>
<td>189</td>
</tr>
<tr>
<td>Rosneck, James</td>
<td>140</td>
</tr>
<tr>
<td>Rosnick, Christopher</td>
<td>197, 210, 219, 232</td>
</tr>
<tr>
<td>Ross, Jody</td>
<td>109, 123</td>
</tr>
<tr>
<td>Ross, Michael</td>
<td>8</td>
</tr>
<tr>
<td>Rotella, Katie</td>
<td>18</td>
</tr>
<tr>
<td>Roth, Michelle</td>
<td>107</td>
</tr>
<tr>
<td>Rouder, Jeffrey</td>
<td>28</td>
</tr>
<tr>
<td>Rounding, Kevin</td>
<td>139</td>
</tr>
<tr>
<td>Rowe, Stephanie</td>
<td>237</td>
</tr>
<tr>
<td>Rowe, Steven</td>
<td>86</td>
</tr>
<tr>
<td>Ruberton, Peter</td>
<td>217</td>
</tr>
<tr>
<td>Rucker, Derek</td>
<td>19, 88, 89</td>
</tr>
<tr>
<td>Rudd, Andrea</td>
<td>210</td>
</tr>
<tr>
<td>Rudek, David</td>
<td>207, 248</td>
</tr>
<tr>
<td>Rudmann, Darrell</td>
<td>258</td>
</tr>
<tr>
<td>Ruehs, Emilie</td>
<td>222</td>
</tr>
<tr>
<td>Ruiz, Sandy</td>
<td>212</td>
</tr>
<tr>
<td>Rumble, Ann</td>
<td>226</td>
</tr>
<tr>
<td>Rundell, Laura</td>
<td>238</td>
</tr>
<tr>
<td>Runion, Hilary</td>
<td>188</td>
</tr>
<tr>
<td>Runyon, Desiree</td>
<td>247</td>
</tr>
<tr>
<td>Rupert, Patricia</td>
<td>135</td>
</tr>
<tr>
<td>Rusiniak, Ken</td>
<td>256</td>
</tr>
<tr>
<td>Russell, Daniel</td>
<td>22</td>
</tr>
<tr>
<td>Russell, Kaylee</td>
<td>43, 146</td>
</tr>
<tr>
<td>Rutledge, Samuel</td>
<td>164</td>
</tr>
<tr>
<td>Ryalls, Ken</td>
<td>257</td>
</tr>
<tr>
<td>Ryan, Carey</td>
<td>6, 8, 16, 136</td>
</tr>
<tr>
<td>Ryan, Courtney</td>
<td>189</td>
</tr>
<tr>
<td>Ryan, Patrick</td>
<td>235</td>
</tr>
<tr>
<td>Ryback, William</td>
<td>210</td>
</tr>
<tr>
<td>Rydell, Michael</td>
<td>153</td>
</tr>
<tr>
<td>Rydell, Robert</td>
<td>37, 38, 153</td>
</tr>
<tr>
<td>Rymko, Larissa</td>
<td>60</td>
</tr>
<tr>
<td>Ryskin, Rachel</td>
<td>150</td>
</tr>
<tr>
<td>Sabin, Edward J.</td>
<td>257</td>
</tr>
<tr>
<td>Sabourin, Bethany</td>
<td>225</td>
</tr>
<tr>
<td>Sacco, Donald</td>
<td>12, 24, 70</td>
</tr>
<tr>
<td>Sagarin, Brad</td>
<td>12, 36, 214</td>
</tr>
<tr>
<td>Sage, Andrew</td>
<td>84, 85</td>
</tr>
<tr>
<td>Sage, Chelsea</td>
<td>53</td>
</tr>
<tr>
<td>Säggu, Kranjfat</td>
<td>241</td>
</tr>
<tr>
<td>Sakaluk, John</td>
<td>35</td>
</tr>
<tr>
<td>Salas, Carlos</td>
<td>151</td>
</tr>
<tr>
<td>Sánchez, Bernadette</td>
<td>193, 196</td>
</tr>
<tr>
<td>Sandha, Navneet</td>
<td>235</td>
</tr>
<tr>
<td>Sandhya, Shafali</td>
<td>37</td>
</tr>
<tr>
<td>Sandor, Stephanie</td>
<td>211</td>
</tr>
<tr>
<td>Sands, Kaleigh</td>
<td>108</td>
</tr>
<tr>
<td>Sanna, Lawrence</td>
<td>105, 106, 132, 133</td>
</tr>
<tr>
<td>Sant, J.</td>
<td>131</td>
</tr>
<tr>
<td>Sanz, Amber</td>
<td>236</td>
</tr>
<tr>
<td>Sarapas, Casey</td>
<td>239</td>
</tr>
<tr>
<td>Sashidharan, Tracy</td>
<td>110</td>
</tr>
<tr>
<td>Sasot, Jo</td>
<td>41</td>
</tr>
<tr>
<td>Sauzier, Don</td>
<td>256</td>
</tr>
<tr>
<td>Sauter, Mark</td>
<td>165</td>
</tr>
<tr>
<td>Sauter, Megan</td>
<td>229</td>
</tr>
<tr>
<td>Sawicki, Vanessa</td>
<td>15</td>
</tr>
<tr>
<td>Sawyer, Thomas</td>
<td>79, 166, 255</td>
</tr>
<tr>
<td>Schaan, Allyson</td>
<td>225</td>
</tr>
<tr>
<td>Schacht, Patricia</td>
<td>198, 214</td>
</tr>
<tr>
<td>Schachtman, Todd</td>
<td>94, 95</td>
</tr>
<tr>
<td>Scherer, Kelly</td>
<td>208</td>
</tr>
<tr>
<td>Schick, Jonathan</td>
<td>151, 242</td>
</tr>
<tr>
<td>Schilde, Corinne</td>
<td>240</td>
</tr>
<tr>
<td>Schilling, Joan</td>
<td>128, 259</td>
</tr>
<tr>
<td>Schimmel, Jeff</td>
<td>165</td>
</tr>
<tr>
<td>Schmidt, Gwenda</td>
<td>149</td>
</tr>
<tr>
<td>Schmidt, Jacquelyn</td>
<td>233</td>
</tr>
<tr>
<td>Schmidt, Jamie</td>
<td>209</td>
</tr>
<tr>
<td>Schmidt, Kevin</td>
<td>232</td>
</tr>
<tr>
<td>Schmidt, Tara</td>
<td>58</td>
</tr>
<tr>
<td>Schmit, Devon</td>
<td>139</td>
</tr>
<tr>
<td>Schmit, David</td>
<td>209</td>
</tr>
<tr>
<td>Schmit, Ericka</td>
<td>135</td>
</tr>
<tr>
<td>Schmit, Justine</td>
<td>242</td>
</tr>
<tr>
<td>Schmit, Lauren</td>
<td>78</td>
</tr>
<tr>
<td>Schmit, Natalie</td>
<td>65</td>
</tr>
<tr>
<td>Schneider, Erica</td>
<td>16</td>
</tr>
<tr>
<td>Schneider, Tamera</td>
<td>152, 153, 246</td>
</tr>
<tr>
<td>Schohl, Kirsten</td>
<td>208</td>
</tr>
<tr>
<td>Schoppe-Sullivan</td>
<td>6, 57, 73, 168, 233, 238</td>
</tr>
<tr>
<td>Schnar, Jesse</td>
<td>32</td>
</tr>
<tr>
<td>Schram, Molly</td>
<td>191</td>
</tr>
<tr>
<td>Schroeder, Scott</td>
<td>92</td>
</tr>
<tr>
<td>Schult, Chenelle</td>
<td>212</td>
</tr>
<tr>
<td>Schult, Jennifer</td>
<td>223</td>
</tr>
<tr>
<td>Schulz, Eric</td>
<td>42, 43</td>
</tr>
<tr>
<td>Schumacher, Zachary</td>
<td>226</td>
</tr>
<tr>
<td>Schumann, Matt</td>
<td>229</td>
</tr>
<tr>
<td>Schwab, Nicholas</td>
<td>216, 218, 232</td>
</tr>
<tr>
<td>Schwartz, Amy</td>
<td>142</td>
</tr>
<tr>
<td>Schwartz, Katie</td>
<td>240</td>
</tr>
<tr>
<td>Schwartz, Vanessa</td>
<td>228</td>
</tr>
<tr>
<td>Schwarz, Norbert</td>
<td>142</td>
</tr>
<tr>
<td>Schweigert, Wendy</td>
<td>61</td>
</tr>
<tr>
<td>Schweinhart, Molly</td>
<td>216</td>
</tr>
<tr>
<td>Seawell, Anasi</td>
<td>114, 170, 243</td>
</tr>
<tr>
<td>Sebby, Rickard</td>
<td>48</td>
</tr>
<tr>
<td>See, Pirita</td>
<td>24</td>
</tr>
<tr>
<td>Seefeldt, Richard</td>
<td>248</td>
</tr>
<tr>
<td>Seeley, Jennifer</td>
<td>185</td>
</tr>
<tr>
<td>Segal, Alyssa</td>
<td>225</td>
</tr>
<tr>
<td>Sekaquaptewa, Denise</td>
<td>256</td>
</tr>
<tr>
<td>Selmezy, Diana</td>
<td>144</td>
</tr>
<tr>
<td>Sellman, Larissa</td>
<td>73</td>
</tr>
<tr>
<td>Seltz, Jake</td>
<td>203</td>
</tr>
<tr>
<td>Senay, Blake</td>
<td>205</td>
</tr>
<tr>
<td>Seng, Julia</td>
<td>80</td>
</tr>
<tr>
<td>Sengupta, Shrirdha</td>
<td>92</td>
</tr>
<tr>
<td>Sensenig, Larry David</td>
<td>256</td>
</tr>
<tr>
<td>Serfozo, Peter</td>
<td>94, 95</td>
</tr>
<tr>
<td>Serra Smith, Corinne</td>
<td>21</td>
</tr>
<tr>
<td>Serra, Michael</td>
<td>28, 69, 115, 116, 143, 259</td>
</tr>
<tr>
<td>Serrano, Jamie</td>
<td>197, 198</td>
</tr>
<tr>
<td>Sethuraman, Ninya</td>
<td>203</td>
</tr>
<tr>
<td>Seufferer, Marla</td>
<td>197</td>
</tr>
<tr>
<td>Sexton-Radek, Kathy</td>
<td>156, 254</td>
</tr>
<tr>
<td>Shah, Avni</td>
<td>238</td>
</tr>
<tr>
<td>Shainheit, Carolyn</td>
<td>112</td>
</tr>
<tr>
<td>Shankman, Stewart</td>
<td>94, 239</td>
</tr>
<tr>
<td>Shanks, Lindzi</td>
<td>115, 143</td>
</tr>
<tr>
<td>Shapiro, Susan</td>
<td>177, 255</td>
</tr>
<tr>
<td>Sharma, Anu</td>
<td>201</td>
</tr>
<tr>
<td>Sharma, Swati</td>
<td>192</td>
</tr>
<tr>
<td>Shaw, Camille</td>
<td>14</td>
</tr>
<tr>
<td>Shaw, Jordan</td>
<td>241</td>
</tr>
<tr>
<td>Shedlksy-Shoemaker, Randi</td>
<td>75</td>
</tr>
<tr>
<td>Sheffer, Susan</td>
<td>254</td>
</tr>
<tr>
<td>Sheldon, Jane</td>
<td>221</td>
</tr>
<tr>
<td>Sheldon, Kennon</td>
<td>206</td>
</tr>
</tbody>
</table>
Sheldon, Melanie, 195, 196, 205, 209, 211, 214, 217, 227, 237, 247, 257
Shepardson, Samantha, 216
Sherrick, Michael, 183
Shilling, Aaron, 13
Shin, Wonjae, 122
Shively, Rebecca, 118
Shiverick, Sean, 235, 237
Shockley, Ellie, 17
Shoda, Elizabeth, 203
Shoda, Tonya, 10, 16
Shoemaker, Tara, 230
Shoji, Kotaro, 110
Shook, Anthony, 69
Shoots-Reinhard, Brittany, 89
Short, Kailey, 200
Shrestha, Sunil, 79
Shriver, Edwin, 207
Shuster, Michael, 20, 136
Sibicky, Mark E., 258
Siciliani, Jennifer, 211, 229, 250
Siegel, Bethany, 239
Siegel-Hinson, Robyn, 212, 215
Sibley, Elizabeth, 205
Silvia, Paul, 257
Simon, Samantha, 43, 146
Simonyi, Agnes, 94, 95
Sims, Tracy, 235
Sinclair, Ryan, 59
Siple, Patricia, 205, 256
Skalla, John, 111
Skendrovic, Beth, 189
Skillman, Gemma, 230
Skita, Linda, 31, 236
Skiansky, Laura, 188
Skoczelas, Kimberly, 218
Skow, Emily, 227, 228, 230
Skowronska, Joanna, 98, 99, 255
Sladick, Sarah, 243
Slater, Samantha, 16
Sleezer, Lisa, 113
Sloan, Lloyd, 45, 71, 72, 171, 259
Slocum, Patricia J., 254
Slotsky, Vladimir, 218
Smagur, Kathryn, 129
Smajic, Adnan, 229
Small, Anna, 205
Smeltzer, Sara, 85, 99, 134
Smith, Brandt, 161
Smith, Brittany, 131
Smith, Christine, 52, 53, 95
Smith, Dana, 143
Smith, Eliot, 155
Smith, Emily, 158
Smith, Hannah, 104
Smith, Jennifer, 204
Smith, Josh, 141
Smith, Karen, 200, 209
Smith, Kirsten, 47
Smith, Linda, 21
Smith, Maria, 105
Smith, Matthew, 211
Smith, Meredith, 33
Smith, Pamela, 142
Smith, Rebekah, 227
Smith, Rhiannon, 217
Smith, Shalayne, 134
Smith, Steven, 15, 88
Smith, Valerie, 213
Solare, Hugo, 103
Solomon, Erin, 74, 181, 182, 204
Solomon, Sheldon, 117
Solway, Seth, 191
Sommer, Shannon, 246
Somers, Mitch, 68
Sondag, Adam, 61
Sorensen, Jill, 205
Sorger, Rachael, 232
Sorrentino, Sara, 190
Sotozaki, H., 163
Souge, Myah, 242
South, Susan, 204
Southard, M., 214, 241
Southworth, Jeremy, 162
Spangler, Brooke, 131
Sparks, Jesse, 68
Speller, Lassiter, 223
Spencer, Bettina, 200, 209
Sperling, Tiffany, 114
Spraker, Matthew, 79
Sprecher, Susan, 35, 59
Sprock, June, 102
St. George, Abhy, 166
Staggs, Susan, 191, 192
Stairs, Dustin, 82, 124
Stalans, Loretta, 56
Stalder, Daniel, 96, 172
Stalling, Laronda, 188
Stark, Emily, 42, 185, 234
Stark-Rose, Rose, 47
Statter, Garold, 64, 139
Stasson, Mark, 75, 140, 168, 257
Stayton, Laura, 10
Stearns, Shaun, 110
Steel, Anne, 57, 159
Steele, Claude, 86, 154
Steele, Terrance, 232, 239, 250
Stefanski, Courtney, 103
Stegmiller, Lisa, 248
Stein, Joshua, 229
Stein-Whitmore, Jeannette, 162, 256
Steinberg, Kathryn, 189
Steinberg, Mia, 136, 153
Stirn, Janice N., 254
Stephens, Kelsey, 78
Steuer, Elizabeth, 221
Stevens, Drew, 230
Stevens, Ed, 188, 192
Stevens, Erin, 158
Stevens, Justin, 116
Stewart, Emily, 166
Stey, Paul, 160, 161
Stiles, William, 159
Still, Jeremiah, 183
Still, Mary, 183
Stillman, Paul, 15
Stills, Julie, 108, 149
Stine, Rebecca, 225
Stivers, Adam, 126
Stoddart, Rebecca, 199, 239, 242
Stodola, Kristen, 239
Stoeltler, Rachel, 228
Stoops, William, 34
Stoppelein, Laura, 44
Storm, Benjamin, 90, 150, 222, 242
Stowell, Jeffrey, 6
Strauss, Billie, 8
Strickland, Joseph, 188
Strollo, Dominick, 188
Strooboscher, Thalia, 238
Strunk, Daniel, 211
Struthers, Devon, 37
Stuart, Karla, 114, 170
Stubbs, Quentin, 171
Suffletham, Kyle, 199, 231
Sufflehew, Mary, 239
Stuhlmacher, Alice, 140
Suarez-Balcazar, Yolanda, 187
Suetsch, Jen, 193
Suek, Amy, 29, 103
Suhr, Kyle, 62
Sullivan, Tara, 187
Summers, Jaimie, 106
Summers, Nicole, 106
Sunnervell, Amy, 28, 29
Zamora, Jeff, 17
Zander, Keith, 190
Zane, Katherine, 134, 240
Zarghami, Fatemeh, 47
Zdanezyk, Cynthia, 229
Zdansky, Erik, 220
Zelinski, John, 259
Zell, Ethan, 160
Zengel, Bettina, 12
Zentall, Shannon, 231
Zhang, Chen, 125
Zhang, Yan, 32
Zhang, Zhenfa, 84
Zhou, Haotian, 95
Zhou, Ling-Yi, 255
Zillmer, Alisha, 191
Zimmerman, Christina, 241
Zimmerman, Jennifer, 35
Zingrone, William, 67
Zois, Catherine, 115
Zuehlke, Katie, 217