Unraveling Emotional Mysteries: Insights From Studies of Couples, Cultures, Aging, and Patients

Robert W. Levenson
University of California, Berkeley

Emotions are the threads that make up the fabric of our lives. They protect us from danger, create and break bonds with others, help us navigate our way in the social world, and powerfully influence whether we are ultimately happy or unhappy, healthy or sick. In this William James Award address, I will describe some of the enduring mysteries about emotion that have driven my research over the years (some of which trace back to James's writings over a century ago). These include questions about what emotions are and what they do, the sources of emotional differences among individuals and their consequences, how emotions are organized in the nervous system, and how emotions are influenced by normal aging and disease. I will report on progress made toward unraveling some of these mysteries using laboratory methods for eliciting emotions, studies of dyadic interaction, cross-cultural comparisons, longitudinal designs, and work with neurological patients.
### Invited Address

**9:00 AM - 9:50 AM**

**Golden Gate 4**

**Mod Squad for Youth Psychotherapy: Transdiagnostic Treatment for Anxiety, Depression, and Misconduct**  
John R. Weisz, Harvard University  
*(Clinical)*

1 CE Credit available to psychologists (see page 17 of program).

### Special Event

**9:00 AM - 10:00 AM**

**APS Exhibit Hall - Grand Ballroom**

**Stanford Prison Experiment Exhibit**  
Philip G. Zimbardo, Stanford University

Meet Philip G. Zimbardo, who led the Stanford Prison Experiment - one of the field's most famous and controversial psychological research studies - and visit a display of items from the experiment, including uniforms and other artifacts. The exhibit is located at the Center for the History of Psychology’s booth, #501.

### Psi Chi Symposium

**9:00 AM - 10:20 AM**

**Union Square 20**

**Promoting Leadership Skills in Psychology Students Through Extracurricular Experience**  
Chair: Jason R. Young, Hunter College, The City University of New York  
*(General)*

**Presentations:**  
Susan Becker, Colorado Mesa University  
Martha S. Zlokovich, Psi Chi International  
Jason R. Young, Hunter College, The City University of New York

### Symposium

**9:00 AM - 10:20 AM**

**Golden Gate 8**

**Self-Silencing in Search of Acceptance**  
Chair: Geraldine Downey, Columbia University  
Chair: Bonita London-Thompson, Stony Brook University, State University of New York  
Rainer Romero-Canyas, Environmental Defense Fund  
Lauren Aguilar, Stanford University

**Presentations:**  
Valerie Purdie-Vaughns, Columbia University  
Bonita London-Thompson, Stony Brook University, State University of New York  
Rainer Romero-Canyas, Environmental Defense Fund  
Lauren Aguilar, Stanford University

**Invited Symposium**

**9:00 AM - 10:20 AM**

**Franciscan Room A**

**Social Contagion**  
Chair: Tessa V. West, New York University  
*(General)*

**Presentations:**  
Elainie A. Madsen, Lund University, Sweden  
David G. Rand, Yale University  
Uri Hasson, Princeton University

**Symposium**

**9:00 AM - 10:20 AM**

**Franciscan Room B**

**Translational Investigations Reveal Serotonin-Transporter Genotype Influences Emotional Processing of Environment**  
Chair: Karin G. Coifman, Kent State University  
Chair: Lee Gilman, Kent State University  
*(Biological/Neuroscience)*

**Presentations:**  
Lee Gilman, The University of California, Los Angeles  
Rahel Pearson, The University of Texas at Austin  
Aaron M. Jasnow, Kent State University  
Discussant: Christopher S. Monk, University of Michigan

@psychscience  
#aps14sf
**Symposium**

9:00 AM - 10:20 AM  
Franciscan Room C

**The “I” and “Me” Revisited and Related: Neuroscience Insights Into Self-Functions, Self-Representations, and Their Interactions**  
Chair: Markus Quirin, The University of Osnabrück, Germany  
Chair: Elliot T. Berkman, University of Oregon  
(Biological/Neuroscience)

**Presentations:**  
Elliot T. Berkman, University of Oregon  
Jennifer S. Beer, The University of Texas at Austin  
Markus Quirin, The University of Osnabrück, Germany  
Georg Northoff, University of Ottawa, Canada

Discussant: Kevin N. Ochsner, Columbia University

**Symposium**

9:00 AM - 10:20 AM  
Franciscan Room D

**Chunking Processes in Cognition**  
Chair: Arnaud Rey, Centre National de la Recherche Scientifique (CNRS) and Aix-Marseille University, France  
(Cognitive)

**Presentations:**  
Fabien Mathy, Nice Sophia Antipolis University, France  
Fernand Gobet, University of Liverpool, United Kingdom  
Arnaud Rey, Centre National de la Recherche Scientifique (CNRS) and Aix-Marseille University, France

**Symposium**

9:00 AM - 10:20 AM  
Yosemite Room B

**Emotions Extended: Innovative Methods Assessing Specific Emotional Processes**  
Chair: Jennifer C. Veilleux, University of Arkansas  
Chair: Gregory Bartoszek, University of Illinois at Chicago  
(Personality/Emotion)

**Presentations:**  
E. Samuel Winer, Mississippi State University  
Jennifer C. Veilleux, University of Arkansas  
Gregory Bartoszek, University of Illinois at Chicago

**Symposium**

9:00 AM - 10:20 AM  
Union Square 14

**You Could Be More Creative: Four Commonplace (But Unexpected) Factors That Affect Innovative and Fresh Creations**  
Chair: Kathleen D. Vohs, University of Minnesota  
(Social)

**Presentations:**  
Adam D. Galinsky, Columbia University  
Eileen Chou, University of Virginia  
Dov Cohen, University of Illinois at Urbana-Champaign  
Kathleen D. Vohs, University of Minnesota

**Symposium**

9:00 AM - 10:20 AM  
Union Square 16

**Family and Intergenerational Relations: Exploring Form and Function, Big Data and Small**  
Chair: Toni C. Antonucci, University of Michigan  
Chair: James S. Jackson, University of Michigan  
(Developmental)

**Presentations:**  
Lindsay Ryan, University of Michigan  
Ishtar Govia, University of the West Indies, Jamaica  
Penny F. Pierce, Uniformed Services University of the Health Sciences  
Nicky Newton, Northwestern University

**Symposium**

9:00 AM - 10:20 AM  
Union Square 19

**Food and Social Cognition in Infancy and Childhood**  
Chair: Jasmine M. DeJesus, University of Chicago  
(Developmental)

**Presentations:**  
Annie Wertz, Yale University  
Sarah Gripshover, Stanford University  
Caitlin Mahy, University of Oregon  
Jasmine M. DeJesus, University of Chicago

---

For posters and full program details, use the convention app “2014 APS Convention” or visit www.psychologicalscience.org/convention.
Symposium

9:00 AM - 10:20 AM  Union Square 21

Social Media as a Catalyst for Psychological Science
Chair: Cedar R. Riener, Randolph Macon College
Chair: Melanie Tannenbaum, University of Illinois at Urbana-Champaign

Presentations:
Cedar R. Riener, Randolph Macon College
Melanie Tannenbaum, University of Illinois at Urbana-Champaign
Dave Nussbaum, University of Chicago
Jason Goldman, Scientific American

Discussant: Stuart J. Ritchie, University of Edinburgh, United Kingdom

Symposium

9:00 AM - 10:20 AM  Mason Room A-B

Politics, Religion, and Morality: New Approaches to Understanding the Relationship Between Ideology and Moral Judgment
Chair: Sharareh Noorbaloochi, New York University
Chair: John T. Jost, New York University

Presentations:
Kristin Laurin, Stanford University
Jaime L. Napier, Yale University
Sharareh Noorbaloochi, New York University
Robb Willer, Stanford University

Symposium

9:00 AM - 10:20 AM  Powell Room A-B

Understanding Heterogeneity Within Youth Antisocial Behavior Through Subtyping Approaches
Chair: Luke W. Hyde, University of Michigan

Presentations:
Luke W. Hyde, University of Michigan
Jennifer L. Tackett, University of Houston
Jeffery D. Burke, University of Pittsburgh
Steve S. Lee, University of California, Los Angeles

Symposium

9:00 AM - 10:20 AM  Sutter Room A-B

Improving Analyses and Interpretation of Published Results in Psychology
Chair: Jelte M. Wicherts, Tilburg University, The Netherlands

Presentations:
Coosje L. S. Veldkamp, Tilburg University, The Netherlands
Paulette C. Flore, Tilburg University, The Netherlands
Michèle B. Nuijten, Tilburg University, The Netherlands
Robbie C. M. Van Aert, Tilburg University, The Netherlands

Discussant: Klaus Fiedler, Heidelberg University, Germany

Symposium

9:00 AM - 10:20 AM  Union Square 23-24

The Psychology of Hate
Chair: Jennifer L. Ray, New York University
Chair: Jay J. Van Bavel, New York University

Presentations:
Jennifer L. Ray, New York University
Katherine Aumer, Hawai‘i Pacific University
John K. Rempel, St. Jerome’s University, Canada
Christopher T. Burris, St. Jerome’s University, Canada

Symposium

9:00 AM - 10:20 AM  Lombard Room

From Basic to Applied: Understanding the Processes of Fear Learning and Extinction
Chair: Halina J. Dour, University of California, Los Angeles
Chair: Tomislav Zbozinek, University of California, Los Angeles

Presentations:
Carolyn Davies, University of California, Los Angeles
Amanda Loerinc, University of California, Los Angeles
Tomislav Zbozinek, University of California, Los Angeles
Halina J. Dour, University of California, Los Angeles

Discussant: Shmuel Lissak, University of Minnesota
Symposium
9:00 AM - 10:20 AM  
Taylor Room A-B

**Exploring Putative Mechanisms of the Salutary Effects of Mindfulness**
Chair: Matthew R. Pearson, University of New Mexico (Clinical)

*Presentations:*
Matthew R. Pearson, University of New Mexico  
David B. Brown, University of New Mexico  
Tatyana Kholodkov, University of Wyoming

Symposium
9:00 AM - 10:20 AM  
Union Square 17-18

**The Importance of Sleep in Divorce, Obesity, and Mood Disorders**
Chair: Lauren Asarnow, University of California, Berkeley (Clinical)

*Presentations:*
Richard R. Bootzin, University of Arizona  
Lauren Asarnow, University of California, Berkeley  
Rachel Manber, Stanford University  
Katherine A. Kaplan, Stanford University

1.5 CE Credits available to psychologists (see page 17 of program).

Symposium
9:00 AM - 10:20 AM  
Union Square 15

**Social Brains, Social Bodies: Linking Neurobiology to Perceptions of the Social World**
Chair: Keely A. Muscatell, University of California, Berkeley, and University of California, San Francisco  
Chair: Lauren J. Human, University of California, San Francisco (General)

*Presentations:*
Pranjal H. Mehta, University of Oregon  
Keely A. Muscatell, University of California, Berkeley, and University of California, San Francisco  
Lauren J. Human, University of California, San Francisco  
Jamil Zaki, Stanford University

---

**New Perspectives on the Interaction Between Pain, Cognition, and Motivation**
Chair: Nicolas Silvestrini, University of Geneva, Switzerland  
Chair: Pierre Rainville, Université de Montréal, Canada (Biological/Neuroscience)

*Presentations:*
David Moore, Liverpool John Moores University, United Kingdom  
Nicolas Silvestrini, University of Geneva, Switzerland  
Pierre Rainville, Université de Montréal, Canada  
Mathieu Roy, University of Colorado Boulder

APS Student Caucus
9:30 AM - 10:25 AM  
Golden Gate 2-3

**The Naked Truth Part I: Getting Into Graduate School**
Chair: Jessica R. Schubert, Binghamton University, State University of New York (General)

*Presentations:*
Amy Williams, University of California, Los Angeles  
Jessica L. Schleider, Harvard University  
Kayyoung Kim, Texas A&M University  
John B. Fleming, Northwestern University  
Caitlin M. Hudac, University of Nebraska-Lincoln

---

**Come Meet Us!**
10:00 AM - 10:30 AM APS  
Exhibit Hall - Events Area

Meet the Exhibitor: JMP/SAS
For nearly 25 years JMP statistical discovery software from SAS has been the tool of choice for researchers, scientists, and other data explorers and analysts. JMP links comprehensive statistics with dynamic graphics on the Mac and PC desktop. With its intuitive point-and-click interface JMP empowers you to understand more from your data in less time; whether it’s a t-test or mixed-effects model, JMP can help you spend less time analyzing and more time discovering.

---

**Program Kiosks**
Electronic Convention program kiosks are located by the APS Registration Desk, Exhibit Hall, and Golden Gate meeting area.
This annual lifetime achievement award honors members of our discipline who masterfully help students and others discover and pursue their own career and research goals.

www.psychologicalscience.org/awards
Cross-Cutting Theme Program

The Psychology of Violence

9:00 AM - 11:45 AM

Violence is one of the most inexplicable mysteries of modern human behavior. What has psychology learned over the past decades in the etiology of violent behavior, predictors of who will harm others or themselves, and what can evolutionary approaches teach us about our violent ancestral past and the potential for change?

9:00 AM - 9:35 AM

The Anatomy of Violence: The Biological Roots of Crime

Keynote: Adrian Raine, University of Pennsylvania

Neuroscience is increasingly documenting brain impairments in adolescent and adult offenders. What are the neuroethical implications of this knowledge for our core human values of responsibility and free will? And how should it be used in the future to predict, prevent, and punish offenders?


9:40 AM - 10:15 AM

Self-Directed Violence: Recent Advances in Understanding and Prediction

Matthew K. Nock, Harvard University

The question of why people intentionally harm themselves has puzzled scholars for thousands of years. Self-harm continues to be a leading cause of death worldwide, and many fundamental questions remain unanswered. This presentation describes recent advances in the understanding and prediction of suicidal behavior and promising directions for future research.

10:30 AM - 11:05 AM

The Future of Violence

David A. Pizarro, Cornell University

Moral intuitions concerning violence are built on an aversion to agentic interpersonal harm. However, rapid advances in our ability to cause harm using more efficient, impersonal methods (e.g., military action with autonomous machines) mean that our moral intuitions are increasingly ill-suited to deal with decisions regarding the morality of future (large-scale) violence.

11:10 AM - 11:45 AM

Danger and Disorder: Violence, Guns, and Mental Illness

Distinguished Speaker: John T. Monahan, University of Virginia

Anticipating harm has long been an integral component of many forms of law and currently fuels heated debates about criminal sentencing, required psychological treatment, and restricted access to handguns. Recent developments in scientific violence risk assessments will be reviewed, and controversies regarding risk-based legal decision making will be engaged.

The Psychology of Violence Posters

(Poster Session V)

1:00 PM - 2:00 PM

APS Exhibit Hall - Grand Ballroom

(Setup 12:45 PM - 1:00 PM)

Convention News Coverage

Observer

Videos – Photos

Reports - Daily Updates

www.psychologicalscience.org/observer

Poster Check

Storage for your poster while attending the APS Convention.

Located on the Grand Ballroom Level of the San Francisco Hilton Union Square, outside of the APS Exhibit Hall.

Friday, May 23 – 8:00 AM - 5:30 PM

Saturday, May 24 – 8:00 AM - 5:30 PM

Sunday, May 25 – 8:00 AM - 2:00 PM

For posters and full program details, use the convention app “2014 APS Convention” or visit www.psychologicalscience.org/convention.
APS William James Fellow Award Address
10:00 AM - 10:50 AM  
Continental Ballroom 5-6

Resolving the Nativist-Empiricist Debate: A Neoconstructivist Approach to Cognitive Development

Nora S. Newcombe  
Temple University

The nativist-empiricist debate has deep roots in philosophy and continues in psychology despite determined attempts to declare it over. A neoconstructivist approach to cognitive development allows coupling of early starting points with detailed specification of change. Examples will be drawn from spatial and mathematical development; educational implications will be discussed.

Poster Session III
10:00 AM – 11:00 AM  
APS Exhibit Hall - Grand Ballroom
(Setup 9:45 AM - 10:00 AM)

Invited Talk
10:30 AM - 10:55 AM  
Golden Gate 4

Global Collaborative Research on the Cognitive Neuroscience of Mood and Anxiety Disorders

Mark A. Gluck, Rutgers, The State University of New Jersey

APS Student Caucus
10:30 AM - 11:25 AM  
Golden Gate 2-3

The Naked Truth Part II: Surviving Graduate School
Chair: Tatyana Kholodkov, University of Wyoming  
(General)

Presentations:
Keri K. Wong, University of Cambridge, United Kingdom  
Brandilynn Villarreal, University of California, Irvine  
Monica Bolton, University of Nevada, Las Vegas  
Matthew R. Pearson, University of New Mexico

Symposium
10:30 AM - 11:50 AM  
Golden Gate 5

Using Affect Labeling and Mindfulness to Improve Treatment Outcome for Anxiety Disorders: Translating Neuroimaging Research to Improved Treatment Outcome
Chair: Andrea N. Niles, University of California, Los Angeles  
(Clinical)

Presentations:
M. Justin Kim, Dartmouth College and Korean Military Academy, South Korea  
Andrea N. Niles, University of California, Los Angeles  
Lily A. Brown, University of California, Los Angeles  
Nancy J. Smith, University of California, Los Angeles

Discussant: Katharina Kircanski, Stanford University

Inside the Psychologist's Studio
10:00 AM - 10:50 AM  
Imperial Ballroom A

Claude M. Steele  
University of California, Berkeley

Interviewed by Elizabeth A. Phelps, New York University

Seating will be 9:30 AM - 10:00 AM.  
Doors will close at 10:00 AM.

Like its quasi-namesake, the APS Inside the Psychologist's Studio series features interviews with legends of psychological science. Claude Steele will sign copies of his book, Whistling Vivaldi: And Other Clues to How Stereotypes Affect Us, immediately following this interview.
Symposium
10:30 AM - 11:50 AM  |  Golden Gate 8
**Dying for a Cause: Self-Sacrifice for the Sake of the Social Group**
Chair: Edward Orehek, University of Pittsburgh (Social)

**Presentations:**
- Edward Orehek, University of Pittsburgh
- Arie W. Kruglanski, University of Maryland
- Yechiel Klar, Tel Aviv University, Israel
- William B. Swann, The University of Texas at Austin

Symposium
10:30 AM - 11:50 AM  |  Franciscan Room B
**Magnetic Resonance Spectroscopy (MRS) Measures of GABA and Glutamate: Relationships to Brain Activity and Cognition**
Chair: Richard J. Maddock, University of California, Davis (Biological/Neuroscience)

**Presentations:**
- Richard J. Maddock, University of California, Davis
- Jong H. Yoon, Stanford University
- Grace Tang, Stanford University

Symposium
10:30 AM - 11:50 AM  |  Franciscan Room C
**Quantitative Models of Higher-Order Cognition**
Chair: Lauren Y. Atlas, New York University
Chair: Catherine A. Hartley, Sackler Institute and Weill Cornell Medical College (Cognitive)

**Presentations:**
- Eran Eldar, Princeton University
- Lauren Y. Atlas, New York University
- Catherine A. Hartley, Sackler Institute and Weill Cornell Medical College
- Stephen M. Fleming, New York University and University of Oxford, United Kingdom

Symposium
10:30 AM - 11:50 AM  |  Yosemite Room A
**Personality Development in Close Relationships Across the Lifespan**
Chair: Alexander Grob, University of Basel, Switzerland (Personality/Emotion)

**Presentations:**
- Ruth Yasemin Erol, University of Basel, Switzerland
- Rebekka Weidmann, University of Basel, Switzerland
- Danu A. Stinson, University of Victoria, Canada
- Madoka Kumashiro, Goldsmiths, University of London, United Kingdom

**Discussant:** Niall Bolger, Columbia University

Symposium
10:30 AM - 11:50 AM  |  Yosemite Room B
**On Feeling Blue: Consequences of Negative Affect on Healthy and Clinical Populations**
Chair: Kerstin Brinkmann, University of Geneva, Switzerland (Personality/Emotion)

**Presentations:**
- Sylvia D. Kreibig, Stanford University
- Ilya Yaroslavsky, University of Pittsburgh
- Kerstin Brinkmann, University of Geneva, Switzerland
- Guido H. E. Gendolla, University of Geneva, Switzerland

---

**APS Postdoc Exchange**
The APS Postdoc Exchange is a free and searchable resource that provides a direct connection between those offering postdoctoral positions and those searching for them. Nearly 800 positions from 19 countries have been advertised. The Exchange is the best way to advertise postdoctoral openings to candidates across all of psychological science and related disciplines. Search and place listings at: www.psychologicalscience.org/postdoc-exchange

For posters and full program details, use the convention app “2014 APS Convention” or visit www.psychologicalscience.org/convention.
Symposium
10:30 AM - 11:50 AM Union Square 14

Using Social Psychological Science to Advance the Participation of Women in STEM Fields
Chair: Jessi L. Smith, Montana State University
(Social)

Presentations:
Jessi L. Smith, Montana State University
Danielle M. Young, Rutgers, The State University of New Jersey
Adrienne R. Carter-Sowell, Texas A&M University
Shannon K. McCoy, University of Maine

Discussant: Beth Mitchneck, National Science Foundation

Symposium
10:30 AM - 11:50 AM Union Square 15

Research Integrity in Psychological Science
Chair: Lee Jussim, Rutgers, The State University of New Jersey
(General)

Presentations:
Simine Vazire, Washington University in St. Louis
Sean Stevens, Rutgers, The State University of New Jersey
Jacob Westfall, University of Colorado Boulder
Jon Krosnick, Stanford University

Symposium
10:30 AM - 11:50 AM Union Square 16

New Perspectives on Stress and Coping in a Work-Related Context
Chair: Elissa S. Epel, University of California, San Francisco
(Industrial/Organizational)

Presentations:
Tanja Kirkegaard, The Regional Hospital Herning and Aalborg University, Denmark
Anita Eskildsen, The Regional Hospital Herning and Aarhus University, Denmark
Ligaya Ponce Dalgaard, The Regional Hospital Herning, and Aarhus University, Denmark

Symposium
10:30 AM - 11:50 AM Union Square 17-18

Emerging Evidence From the Science of Intellectual Humility Across the Lifespan
Chair: Judith H. Danovitch, University of Louisville
Chair: Jason S. Moser, Michigan State University
(General)

Presentations:
Jason S. Moser, Michigan State University
Kristi L. Lockhart, Yale University
Tennelle Porter, Stanford University
Daniel J. Walters, University of California, Los Angeles

Symposium
10:30 AM - 11:50 AM Union Square 19

Bilingual and Bicultural Perspectives on Executive Functions Across the Lifespan
Chair: Jeffrey Liew, Texas A&M University
Chair: Rachel Weber, University of British Columbia, Canada
(Developmental)

Presentations:
Rachel Weber, University of British Columbia, Canada
Colby Wiley, Texas A&M University
Jeffrey Liew, Texas A&M University
Shanna Kousaie, Bruyère Research Institute, Canada

Discussant: Jyotsna Vaid, Texas A&M University

Symposium
10:30 AM - 11:50 AM Union Square 21

Determinants and Mechanisms of Effort Investment
Chair: Michael Richter, University of Geneva, Switzerland
(General)

Presentations:
Rex A. Wright, University of North Texas
Samuele Marcora, University of Kent at Medway, United Kingdom
Claire Zedelius, University of California, Santa Barbara
Michael T. Treadway, McLean Hospital, Harvard Medical School, and Emory University

Discussant: Michael Richter, University of Geneva, Switzerland
### Symposium

**10:30 AM - 11:50 AM**  
**Union Square 23-24**

**When It’s Not Just About “What I Do,” but About “Who I Am”**
Chair: Christopher J. Bryan, University of California, San Diego  
(Social)

**Presentations:**  
Christine R. Harris, University of California, San Diego  
Christopher J. Bryan, University of California, San Diego  
Lisa K. Libby, The Ohio State University

---

### Symposium

**10:30 AM - 11:50 AM**  
**Lombard Room**

**Perspectives on Mental Health Disorders: Behavioral, Neural, and Genetic Approaches**
Chair: Anne-Laura van Harmelen, University of Cambridge, United Kingdom  
Chair: Kirstie Whitaker, University of Cambridge, United Kingdom  
(Clinical)

**Presentations:**  
Eiko Freid, University of Leuven, Belgium  
Anne-Laura van Harmelen, University of Cambridge, United Kingdom  
Ryan Bogdan, Washington University in St. Louis  
Discussant: Kirstie Whitaker, University of Cambridge, United Kingdom

---

### Symposium

**10:30 AM - 11:50 AM**  
**Mason Room A-B**

**Investigating Ambiguous and Multifaceted Social Targets to Better Understand Social Perception**
Chair: Allison L. Skinner, University of Nebraska-Lincoln  
Chair: David R. Kille, University of Waterloo, Canada  
(Social)

**Presentations:**  
Nicholas O. Rule, University of Toronto, Canada  
Kristin Pauker, University of Hawai‘i  
Allison L. Skinner, University of Nebraska-Lincoln  
David R. Kille, University of Waterloo, Canada

---

### Symposium

**10:30 AM - 11:50 AM**  
**Powell Room A-B**

**Mental Health in Heterosexual and Same-Sex Couples With Varying Legal Statuses**
Chair: Seth T. Pardo, Alliant International University  
Chair: Robert-Jay Green, Alliant International University  
(Clinical)

**Presentations:**  
Seth T. Pardo, Alliant International University  
Mika Handelman, Alliant International University  
Kimberly F. Balsam, Palo Alto University  
Discussant: Esther D. Rothblum, San Diego State University

---

### Symposium

**10:30 AM - 11:50 AM**  
**Sutter Room A-B**

**Statistical Reform and Open Practice in Psychology Journals**
Chair: Fiona Fidler, The University of Melbourne, Australia  
(Methodology)

**Presentations:**  
Fiona Fidler, The University of Melbourne, Australia  
Frank L. Schmidt, University of Iowa  
Geoff R. Loftus, University of Washington  
Eric-Jan Wagenmakers, University of Amsterdam, The Netherlands  
Discussant: Geoff Cumming, La Trobe University, Australia

---

### Symposium

**10:30 AM - 11:50 AM**  
**Taylor Room A-B**

**Digital Health: Lessons Learned and Future Promise**
Chair: Adrian Aguilera, University of California, Berkeley  
(Clinical)

**Presentations:**  
Adrian Aguilera, University of California, Berkeley  
Yan Leykin, University of California, San Francisco  
Ricardo F. Muñoz, Palo Alto University  
Florian Pestoni, Axzo Digital

---
ASSESS COGNITIVE ACTIVITY IN REAL-LIFE SITUATIONS

Powerful Solutions from BIOPAC at Booth 304

Optical Brain Imaging
Wired or Wireless
- Monitor hemodynamic changes in the brain
- Safe, Comfortable, and Noninvasive
- Record simultaneous EEG
- Real-time Display with Fast & Efficient Setup
- Portable—use in lab or field studies
- Avoids claustrophobia issues
- No special MRI considerations
- Visualization & Analysis software included

Synchronize with other systems for a complete assessment!
- BIOPAC physiology monitoring systems
- B-Alert X10 Wireless EEG
- Subject Monitoring—frame-by-frame video
- Stimulus Presentation
- Eye Tracking
- Observational Behavioral Data

Wireless EEG and Cognitive State Metrics
- 9 channels of high fidelity EEG plus ECG
- Automated EEG analysis routines
- Real-time cognitive state metrics available
- Patented real-time artifact decontamination
- Neurocognitive assessment of susceptibility to effects of sleep deprivation & apnea
- Multiple options for data synchronization with up to six simultaneous subjects
- Set up in less than 5 minutes!
- Comfortable and nonintrusive

Highly-validated Cognitive State Metrics
Real-time monitoring of subject fatigue, stress, confusion, engagement and workload with B-Alert’s proprietary metrics software
- Gauges display second-by-second metrics
- Multiple options for data synchronization

B-Alert X10

Request an on-site demo to learn how BIOPAC can enhance your lab!
info@biopac.com  www.biopac.com  805-685-0066

BIOPAC Systems, Inc. 42 Aero Camino, Goleta, CA 93117
Symposium

10:30 AM - 11:50 AM
Union Square 22

Facing Pain, Chasing Goals: Effects of Motivational Goal Pursuit on Pain Responding
Chair: Martien Schrooten, Örebro University, Sweden, and University of Leuven, Belgium
(Clinical)

Presentations:
- Martien Schrooten, Örebro University, Sweden, and University of Leuven, Belgium
- Petra Karsdorp, Utrecht University and Maastricht University, The Netherlands
- Kai Karos, University of Leuven, Belgium
- Katja Wiech, University of Bath, United Kingdom

Discussant: Ann Meulders, University of Leuven, Belgium

Special Event

10:30 AM - 11:50 AM
Franciscan Room A

Science of Sharing: Creating Museum Exhibits Prompting Experimentation With Cooperation, Negotiation, and Resource Allocation
Chair: Hugh E. McDonald, Exploratorium
(General, Social)

Presentations:
- Joshua Gutwill, Exploratorium
- Nina Hido, Exploratorium
- Mary E. Yarbrough, Exploratorium

Psi Chi Symposium

10:30 AM - 11:50 AM
Union Square 20

Implementing Transformative Undergraduate Research Experiences by Encouraging Crowdsourcing Science
Chair: Jon E. Grahe, Pacific Lutheran University
(General)

Presentations:
- Erica Baranski, University of California, Riverside
- Jason R. Young, Hunter College, The City University of New York
- Jon E. Grahe, Pacific Lutheran University
- Jeffrey Spies, Center for Open Science

Invited Address

11:00 AM - 11:50 AM
Golden Gate 4

The Functional Architecture of Human Ventral Temporal Cortex and Its Role in Visual Perception
Kalanit O. Grill-Spector, Stanford University
(Biological/Neuroscience)

APS James McKeen Cattell Fellow Award

11:00 AM - 11:50 AM
Continental Ballroom 5-6

Maladaptation and Resilience in Maltreated Children: A Multiple Levels of Analysis Perspective
Dante Cicchetti
University of Minnesota

Child maltreatment sets in motion a cascading path of epigenesis for abused and neglected children that results in a profile of relatively enduring vulnerability factors that increase the probability of the emergence of maladaptive biological and psychological development and psychopathology across multiple levels of analysis. However, some abused and neglected children function in a competent fashion despite the pernicious experiences they have encountered. Multilevel investigations have been conducted in Cicchetti’s laboratory that incorporate genetic, epigenetic, neurophysiological, endocrinological, and psychological processes aimed at examining pathways to maladaptation, psychopathology, and resilience in maltreated children. These multilevel studies are the focus of this address, and suggestions for future multilevel intervention research are proffered with illustrations from planned and ongoing work in the laboratory.

APS Student Caucus

11:30 AM - 12:25 PM
Golden Gate 2-3

The Naked Truth Part III: Navigating the Job Market After Graduate School
Chair: Kris Gunawan, University of Nevada, Las Vegas
(General)

Presentations:
- Kevin T. Petway, Educational Testing Service
- Maureen Ritchey, University of California, Davis
- Laura C. Wilson, University of Mary Washington
Psychological research and the technology industry mutually inform and influence each other, but rarely do these two worlds meet to engage in open dialogue. This cross-cutting theme program features scientists and industry leaders organized around three subthemes: behavioral genetics, mobile sensing, and social networks. We pose the following questions: how can scientists take advantage of rapid technological advances, and how can technology harness what social scientists know about human behavior?

**Behavioral Genetics**

12:00 PM - 1:30 PM

- David Cesarini  
  New York University
- S. Alexandra Burt  
  Michigan State University
- Aaron Kleinmann  
  23andMe

**Mobile Sensing**

1:45 PM - 3:15 PM

- Andrew T. Campbell  
  Dartmouth College
- Rosalind W. Picard  
  Massachusetts Institute of Technology
- Matthias R. Mehl  
  University of Arizona

**Social Networks**

3:30 PM - 5:00 PM

- Megan A. Moreno  
  University of Washington
- Ethan F. Kross  
  University of Michigan
- Arturo Bejar  
  Facebook, Inc.

**Discussant**

Ellen Konar  
Mindset Works
Poster Session IV
11:30 AM - 12:30 PM  APS Exhibit Hall - Grand Ballroom
(Setup 11:15 AM - 11:30 AM)

Encore!
11:30 AM - 12:30 PM  APS Exhibit Hall - Events Area

Mahzarin R. Banaji’s Fred Kavli Keynote Address
Couldn't make it to last night's main event? Watch a replay of Banaji's Fred Kavli Keynote Address.

APS James McKeen Cattell Fellow Award
12:00 PM - 12:50 PM  Continental Ballroom 5-6

Measurement in a Complex World: The Case of Noncognitive Assessments in College Admissions
Neal Schmitt
*Michigan State University*

A decade of research aimed at supplementing the SAT or ACT with assessments of noncognitive measures is described. Schmitt and colleagues assessed the validity and impact of the use of these measures on differential subgroup selection rates, acceptability of the measures to various constituencies, susceptibility to faking and coaching, and potential use as a counseling tool. Failure to use these measures and others (e.g., the military, law school admissions) in spite of positive research evidence is examined.

APS William James Fellow Award Address
1:00 PM - 1:50 PM  Continental Ballroom 5-6

How Do Writing Systems, Culture, and Age Influence How We Read?
Keith Rayner
*University of California, San Diego*

To what extent do culture, writing systems, and age influence how we read? Recent research from Rayner's lab will be discussed examining this question. Rayner will describe work comparing readers of Chinese and English with respect to eye movements (as indicators of cognitive processes) and the perceptual span; work on skilled deaf readers will also be reported. The results of a number of studies comparing older and younger readers will also be presented. Across the various studies, some interesting differences and similarities have emerged and will be discussed.

Observer
Convention News Coverage

Videos – Photos
Reports - Daily Updates
www.psychologicalscience.org/observer

Poster Session V
1:00 PM - 2:00 PM  APS Exhibit Hall - Grand Ballroom
(Setup 12:45 PM - 1:00 PM)
### Friday, May 23

#### Symposium

**1:00 PM - 2:20 PM**  
**Union Square 19**

**Using the Internet as a Laboratory for Research in the Real World**  
Chair: **Joseph Jay Williams**, Stanford University  
(General)

**Presentations:**  
- **Joseph Jay Williams**, Stanford University  
- **Lindsey Richland**, University of Chicago  
- **Bethany A. Teachman**, University of Virginia  
- **Shannon T. Brady**, Stanford University  

**Discussant:** **Turadg Aleahmad**, Coursera

---

#### Symposium

**1:00 PM - 2:20 PM**  
**Golden Gate 5**

**New Developments in Science and Pseudoscience in Psychology**  
Chair: **Lawrence Patihis**, University of California, Irvine  
(Clinical)

**Presentations:**  
- **Scott O. Lilienfeld**, Emory University  
- **Steven J. Lynn**, Binghamton University, State University of New York  
- **Monica Pignotti**, Independent Scholar  
- **Lawrence Patihis**, University of California, Irvine  

**Discussant:** **Carol A. Tavris**, Social Psychologist and Writer

---

#### Symposium

**1:00 PM - 2:20 PM**  
**Golden Gate 8**

**Perspectives on the Costs and Benefits of Enacted Support by Relationship Partners**  
Chair: **Patrick E. Shrout**, New York University  
(Social)

**Presentations:**  
- **Niall Bolger**, Columbia University  
- **Joy H. Xu**, New York University  
- **Yuthika U. Girme**, University of Auckland, New Zealand  
- **Gertraud Stadler**, Columbia University  

**Discussant:** **Kieran T. Sullivan**, Santa Clara University

---

#### Symposium

**1:00 PM - 2:20 PM**  
**Franciscan Room A**

**Mental Imagery: From Functional Mechanisms to Clinical Applications**  
Chair: **Stephen M. Kosslyn**, Minerva Schools at the Keck Graduate Institute  
(Cognitive)

**Presentations:**  
- **Thomas Naselaris**, Medical University of South Carolina  
- **Joel Pearson**, University of New South Wales, Australia  
- **Daniel L. Schacter**, Harvard University  
- **Emily Holmes**, Medical Research Council-Cognition and Brain Sciences Unit, Cambridge, United Kingdom  

**Discussant:** **Stephen M. Kosslyn**, Minerva Schools at the Keck Graduate Institute

---

#### Symposium

**1:00 PM - 2:20 PM**  
**Franciscan Room B**

**Assessment, Applied Research, and Interventions in Psychocardiology**  
Chair: **Frank D. Fincham**, Florida State University  
(Biological/Neuroscience)

**Presentations:**  
- **Marcos A. Sanchez-Gonzalez**, Florida State University  
- **Ross W. May**, Florida State University  
- **Iva Cukic**, University of Edinburgh, United Kingdom  
- **Rollin McCraty**, Institute of HeartMath

---

#### Symposium

**1:00 PM - 2:20 PM**  
**Franciscan Room C**

**Bounded Generality of Cognitive Control: Congruence-Sequence Effects Across Stimulus, Response, and Task Dimensions**  
Chair: **Antonio L. Freitas**, Stony Brook University, State University of New York  
(Cognitive)

**Presentations:**  
- **Daniel H. Weissman**, University of Michigan  
- **Eliot Hazeltine**, University of Iowa  
- **Irene P. Kan**, Villanova University  
- **Antonio L. Freitas**, Stony Brook University, State University of New York

---

For posters and full program details, use the convention app "2014 APS Convention" or visit www.psychologicalscience.org/convention.
<table>
<thead>
<tr>
<th>Symposium</th>
<th>1:00 PM - 2:20 PM</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>When Memories No Longer Have Occurred:</strong> Advances in the Study of Nonbelieved Memories</td>
<td>1:00 PM - 2:20 PM</td>
<td>Franciscan Room D</td>
</tr>
<tr>
<td><em>Chair:</em> Giuliana Mazzoni, University of Hull, United Kingdom</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Chair:</em> Alan Scoboria, University of Windsor, Canada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Cognitive)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Presentations:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Henry Otgaar, Maastricht University, The Netherlands</td>
<td></td>
<td></td>
</tr>
<tr>
<td>James Ost, University of Portsmouth, United Kingdom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Robert A. Nash, University of Surrey, United Kingdom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giuliana Mazzoni, University of Hull, United Kingdom</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Discussant:</strong> Martin Conway, City University London, United Kingdom</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symposium</th>
<th>1:00 PM - 2:20 PM</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>What Nature’s Kind Hath Taught: Psychological Outcomes Following a Major Natural Disaster</strong></td>
<td>1:00 PM - 2:20 PM</td>
<td>Yosemite Room A</td>
</tr>
<tr>
<td><em>Chair:</em> James C. Hamilton, University of Alabama at Tuscaloosa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Personality/Emotion)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Presentations:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ian Sherwood, University of Alabama at Tuscaloosa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melike Eger, University of Alabama at Tuscaloosa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Dean Elmore, University of Alabama at Tuscaloosa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>John E. Lochman, University of Alabama at Tuscaloosa</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Discussant:</strong> James C. Hamilton, University of Alabama at Tuscaloosa</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symposium</th>
<th>1:00 PM - 2:20 PM</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Understanding the Role of Personality on Achievement Outcomes and Vice Versa</strong></td>
<td>1:00 PM - 2:20 PM</td>
<td>Yosemite Room B</td>
</tr>
<tr>
<td><em>Chair:</em> Rodica I. Damian, University of Illinois at Urbana-Champaign</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Chair:</em> Marion Spengler, University of Luxembourg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Personality/Emotion)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Presentations:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marion Spengler, University of Luxembourg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brian Galla, University of Pennsylvania</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rodica I. Damian, University of Illinois at Urbana-Champaign</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anissa Mike, Washington University in St. Louis</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symposium</th>
<th>1:00 PM - 2:20 PM</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Paving New Paths to Positive Intergroup Relations Through Culture</strong></td>
<td>1:00 PM - 2:20 PM</td>
<td>Union Square 14</td>
</tr>
<tr>
<td><em>Chair:</em> Sarah S. M. Townsend, University of Southern California</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Chair:</em> Belinda Campos, University of California, Irvine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Social)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Presentations:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sarah S. M. Townsend, University of Southern California</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belinda Campos, University of California, Irvine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tiffany N. Brannon, Northwestern University</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MarYam G. Hamedani, Stanford University</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Discussant:</strong> Hazel Rose Markus, Stanford University</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symposium</th>
<th>1:00 PM - 2:20 PM</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data Science and Big Data Approaches to Defense Department Social-Behavioral Problems</strong></td>
<td>1:00 PM - 2:20 PM</td>
<td>Union Square 15</td>
</tr>
<tr>
<td><em>Chair:</em> Eric L. Lang, Defense Personnel and Security Research Center (PERSEREC/DMDC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(General)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Presentations:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oliver Brdiczka, Palo Alto Research Center</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ray A. Zimmerman, Northrop Grumman Technical Services at PERSEREC/DMDC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rodrigo Nieto-Gomez, Naval Postgraduate School</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Discussant:</strong> Peter Pirolli, Palo Alto Research Center</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symposium</th>
<th>1:00 PM - 2:20 PM</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Innovations in Research in Adolescent Psychopathy</strong></td>
<td>1:00 PM - 2:20 PM</td>
<td>Union Square 16</td>
</tr>
<tr>
<td><em>Chair:</em> Christopher T. A. Gillen, The University of Southern Mississippi</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Chair:</em> Christopher T. Barry, The University of Southern Mississippi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Developmental)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Presentations:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farrah N. Golmmaryami, The University of New Orleans</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Christopher T. A. Gillen, The University of Southern Mississippi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joyce H. L. Lui, The University of Southern Mississippi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Randall T. Salekin, The University of Alabama</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Symposium
1:00 PM - 2:20 PM
Union Square 17-18
Adaptation and Mastery With Chronic Disease:
Personal and Social Control Processes
Chair: Carsten Wrosch, Concordia University, Canada
Chair: Jutta Heckhausen, University of California, Irvine
(General)

Presentations:
Nina Knoll, Free University of Berlin, Germany
Meaghan Barlow, Concordia University, Canada
Erin T. Barker, Concordia University, Canada
Dara H. Sorkin, University of California, Irvine

Discussant: Jutta Heckhausen, University of California, Irvine

Symposium
1:00 PM - 2:20 PM
Union Square 21
How Research in Parapsychology Can Inform
Research in Psychology
Chair: Jessica Utts, University of California, Irvine
(General)

Presentations:
Daryl Bem, Cornell University
Julia Mossbridge, Northwestern University
Dean Radin, Institute of Noetic Sciences
Stephan Schwartz, Samuei Institute

Discussant: Stanley Krippner, Saybrook University

Symposium
1:00 PM - 2:20 PM
Union Square 22
Psychological Science in Policy and Practice
Chair: Craig R. Fox, University of California, Los Angeles
(General)

Presentations:
Eric J. Johnson, Columbia University
Dolores Albarracin, University of Pennsylvania
Henry L. Roediger III, Washington University in St. Louis

Discussant: Craig R. Fox, University of California, Los Angeles

Symposium
1:00 PM - 2:20 PM
Union Square 23-24
The Good, the Bad, and Even the Ugly: The
Incredible Ways People Differ in Response to
Enhancing Behaviors in Romantic Relationships
Chair: Anna Luerssen, Lehman College, The City University of New York
(Social)

Presentations:
Sara B. Algoe, University of North Carolina at Chapel Hill
Joanna E. Anderson, Cornell University
Amie A. Gordon, University of California, Berkeley
Anna Luerssen, Lehman College, The City University of New York

Symposium
1:00 PM - 2:20 PM
Lombard Room
Reforming the Taxonomy of the Mind: Motivation
and Methods
Chair: Michael L. Anderson, Franklin & Marshall College
(Methodology)

Presentations:
Michael L. Anderson, Franklin & Marshall College
Lisa Feldman Barrett, Northeastern University
Russell Poldrack, The University of Texas at Austin
Tim Bayne, University of Manchester, United Kingdom

Symposium
1:00 PM - 2:20 PM
Mason Room A-B
 Priming, Racial Identity, and Stereotypes in
Minority Populations
Chair: Frank C. Worrell, University of California, Berkeley
(Social)

Presentations:
Allison Scott, Level Playing Field Institute
Stevie Jeung, University of California, Berkeley
Frank C. Worrell, University of California, Berkeley
James R. Andretta, Child Guidance Clinic, Superior
Court of the District of Columbia

Discussant: Rodolfo Mendoza-Denton, University of California, Berkeley

For posters and full program details, use the convention app “2014 APS Convention” or visit www.psychologicalscience.org/convention.
## Symposium

### Affective Computing for the Assessment of Depression

Chair: Jeffrey F. Cohn, University of Pittsburgh  
Chair: Jeffrey M. Girard, University of Pittsburgh  
(Clinical)

**Presentations:**
- Jeffrey M. Girard, University of Pittsburgh  
- James R. Williamson, Massachusetts Institute of Technology  
- Stefan Scherer, University of Southern California  
- Louis-Phillippe Morency, University of Southern California

Discussant: Jeffrey F. Cohn, University of Pittsburgh

### Using Generalized Additive Models to Assess Nonlinearities in Longitudinal Data

Chair: William R. Shadish, Jr., University of California, Merced  
(Methodology)

**Presentations:**
- William R. Shadish Jr., University of California, Merced  
- Sarah DePaoli, University of California, Merced  
- Kristynn J. Sullivan, University of California, Merced

### Coping Strategy Use and Benefit Across Diverse Contexts

Chair: Daniela Jopp, Fordham University  
Chair: Sheena Jeswani, Fordham University  
(Clinical)

**Presentations:**
- Sheena Jeswani, Fordham University  
- Seojung Jung, Fordham University  
- Andrew Cavanagh, Fordham University  
- Chad Davis, Fordham University

Discussant: David Marcotte, Fordham University

## World Premiere!

### Inside the Psychologist’s Studio: An Interview With Albert Bandura

Be in the audience for the first screening of this interview with a legend of psychological science.

## Psi Beta Symposium

### Promoting Undergraduate Research

Chair: Melanie Arpaio, Sussex College  
(General)

**Presentations:**
- Kris Leppien-Christensen, Saddleback College  
- Jerry L. Rudmann, Irvine Valley College Psi Beta  
- Katherine Wickes, Blinn College  
- Kimberely Duff, Cerritos College

Discussant: Kathleen Hughes De Sousa, Pasco-Hernando College

## APS Student Caucus

### How to Get Published: Guidance From Journal Editors

Chair: Allison L. Skinner, University of Nebraska-Lincoln  
(General)

**Editors:**
- Richard E. Lucas, Michigan State University  
- Jelte M. Wicherts, Tilburg University, The Netherlands  
- Nora S. Newcombe, Temple University  
- Jessica L. Tracy, University of British Columbia, Canada

---

**Moving? Changed your e-mail? Update your information!**

Don't miss out on any of your membership benefits. It's quick and easy to do.

Drop by APS booth #504 in the APS Exhibit Hall-Events Area
APS William James Fellow Award Address

2:00 PM - 2:50 PM

Continent Ballroom 5-6

Individual Variation in Resisting Temptation: Implications for Addiction

Terry E. Robinson
University of Michigan

Cues associated with rewards, such as food or drugs, can acquire considerable control over motivated behavior, leading to excessive consumption. There is, however, considerable individual variation in the ability of such cues to motivate behavior. Implications of this for the development of impulse control disorders, including addiction, will be discussed.

Psi Beta Carol Tracy Distinguished Lecture

2:30 PM - 3:20 PM

Union Square 20

Why Do Psychologists Conduct Research Like Scientists but Teach Like Dummies?

Stephen L. Chew, Samford University

Poster Session VI

2:30 PM - 3:30 PM
APS Exhibit Hall - Grand Ballroom

(Symposium)

The Sex Appeal of Sexuality: How Social-Sexual Behavior Affects Workplace Interactions

Chair: McKenzie R. Rees, University of Utah

Presentations:

Laura J. Kray, University of California, Berkeley
Leah D. Sheppard, University of British Columbia, Canada
McKenzie R. Rees, University of Utah

Discussant: Arthur P. Brief, University of Utah

Coffee Break

2:30 PM - 3:00 PM
APS Exhibit Hall - Grand Ballroom

Ford Foundation Fellowship Programs

Ford Foundation Fellowship Programs are designed to increase the diversity of the nation’s college and university faculties by increasing their ethnic and racial diversity, to maximize the educational benefits of diversity, and to increase the number of professors who can and will use diversity as a resource for enriching the education of all students.

Fellowships are awarded in a national competition administered by the National Research Council on behalf of the Ford Foundation. Fellowships are awarded at the predoctoral, dissertation, and postdoctoral levels.

Eligible applicants must be U.S. citizens, nationals, permanent residents, or individuals granted deferred action status under the DACA program and planning a career in teaching and research at the college or university level.

For further information, contact the NRC at: 202-334-2872 (tel): 202-334-3419 (Fax) or email: infocell@nas.edu
<table>
<thead>
<tr>
<th>Symposium</th>
<th>Symposium</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 PM - 3:50 PM</td>
<td>2:30 PM - 3:50 PM</td>
</tr>
<tr>
<td><strong>Self-Preservation After Loss: Factors That Contribute to Good Grief</strong></td>
<td><strong>Educational Neuroscience in China: Examination of Culture-Specific Learning Tools/Activities</strong></td>
</tr>
<tr>
<td>Chair: Nicole G. Lancaster, University of Nevada, Reno (Clinical)</td>
<td>Chair: Yi Hu, East China Normal University, China (Biological/Neuroscience)</td>
</tr>
<tr>
<td>Presentations: Jason M. Holland, University of Nevada, Las Vegas</td>
<td>Presentations: Fei-yan Chen, Zhejiang University, China</td>
</tr>
<tr>
<td>Anthony Papa, University of Nevada, Reno</td>
<td>Xian-chun Li, East China Normal University, China</td>
</tr>
<tr>
<td>Toni L. Bisconti, University of Akron</td>
<td>Jia-xian Zhou, East China Normal University, China</td>
</tr>
<tr>
<td>George A. Bonanno, Columbia University</td>
<td>Yi-xuan Ku, East China Normal University, China</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symposium</th>
<th>Symposium</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 PM - 3:50 PM</td>
<td>2:30 PM - 3:50 PM</td>
</tr>
<tr>
<td><strong>Evolution of Morality, Punishment, and the Law</strong></td>
<td><strong>Relational Understanding in Mathematics: Issues and Interventions</strong></td>
</tr>
<tr>
<td>Chair: Michael J. Saks, Arizona State University (Social)</td>
<td>Chair: James W. Stigler, University of California, Los Angeles (Cognitive)</td>
</tr>
<tr>
<td>Presentations: Michael McCullough, University of Miami</td>
<td>Presentations: Emma H. Geller, University of California, Los Angeles</td>
</tr>
<tr>
<td>Peter DeScioli, Stony Brook University, State University of New York</td>
<td>Melissa DeWolf, University of California, Los Angeles</td>
</tr>
<tr>
<td>Keelah Williams, Arizona State University</td>
<td>Khanh-Phuong Thai, University of California, Los Angeles</td>
</tr>
<tr>
<td></td>
<td>Jessica M. Walker, University of California, Los Angeles</td>
</tr>
<tr>
<td>Discussant: Michael J. Saks, Arizona State University</td>
<td>Discussant: James W. Stigler, University of California, Los Angeles</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symposium</th>
<th>Symposium</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 PM - 3:50 PM</td>
<td>2:30 PM - 3:50 PM</td>
</tr>
<tr>
<td><strong>On the Forms, Functions, and Neural Implementations of Inhibition of Return</strong></td>
<td><strong>Why Can’t We Be Friends? Reductive and Nonreductive Treatments of Social Cognition</strong></td>
</tr>
<tr>
<td>Chair: Raymond M. Klein, Dalhousie University, Canada (Cognitive)</td>
<td>Chair: Anthony Chemero, University of Cincinnati Chair: Luis H. Favela, University of Cincinnati (Cognitive)</td>
</tr>
<tr>
<td>Presentations: Raymond M. Klein, Dalhousie University, Canada</td>
<td>Presentations: Luis H. Favela, University of Cincinnati</td>
</tr>
<tr>
<td>Michael D. Dodd, University of Nebraska-Lincoln</td>
<td>Mary Jean Amon, University of Cincinnati</td>
</tr>
<tr>
<td>Matthew D. Hilchey, Dalhousie University, Canada</td>
<td>Brian A. Eiler, University of Cincinnati</td>
</tr>
<tr>
<td>Koorosh Mirpour, University of California, Los Angeles</td>
<td>Rick Dale, University of California, Merced</td>
</tr>
</tbody>
</table>
The APS Janet Taylor Spence Award recognizes transformative early career contributions to psychological science. Award winners are among our most creative and promising investigators whose work embodies the future of psychological science.
Symposium
2:30 PM - 3:50 PM Yosemite Room A

The Relationship Between Touch Perception and Socioemotional Processes
Chair: Nicholas J. Kelley, Texas A&M University
Chair: Brandon J. Schmeichel, Texas A&M University
(Personality/Emotion)

Presentations:
Cathrine Jansson-Boyd, Anglia Ruskin University, United Kingdom
Nicholas J. Kelley, Texas A&M University
Iris Schneider, Vrije Universiteit Amsterdam, The Netherlands
Erin L. Maresh, University of Virginia

Symposium
2:30 PM - 3:50 PM Yosemite Room B

Targeted Interventions for Academic Anxieties: Attention to Developmental, Contextual, and Cultural Factors
Chair: Jerrell C. Cassady, Ball State University
(Personality/Emotion)

Presentations:
Nate von der Embse, East Carolina University
Monica L. Heller, Ball State University
Natasha K. Segool, University of Hartford
Molly M. Jameson, Youngstown State University

Symposium
2:30 PM - 3:50 PM Union Square 14

Hopeful Delusions: Formation and Function of Optimistic Biases
Chair: Elizabeth R. Tenney, University of California, Berkeley
(Social)

Presentations:
Mark D. Alicke, Ohio University
Tali Sharot, University College London, United Kingdom
Elizabeth R. Tenney, University of California, Berkeley
Ajit Varki, University of California, San Diego

Symposium
2:30 PM - 3:50 PM Union Square 15

The Psychometrics of Aging: Novel Insights and Applications
Chair: Elliot M. Tucker-Drob, The University of Texas at Austin
Chair: Rogier A. Kievit, Medical Research Council-Cognition and Brain Sciences Unit, United Kingdom
(General)

Presentations:
Elliot M. Tucker-Drob, The University of Texas at Austin
John J. McArdle, University of Southern California
Rogier A. Kievit, Medical Research Council-Cognition and Brain Sciences Unit, United Kingdom
Wendy Johnson, University of Edinburgh, United Kingdom

WIKIPEDIA INITIATIVE
Harnessing Wikipedia for Psychological Science
Join the more than 3,300 psychological scientists who are taking part in the initiative to improve public understanding of our field.

For classroom resources and to join the effort, visit the url: www.psychologicalscience.org/apswi
Have a smart phone? Just scan the code.

For posters and full program details, use the convention app “2014 APS Convention” or visit www.psychologicalscience.org/convention.
## Symposium

**Symposium**

**2:30 PM - 3:50 PM**

**Union Square 16**

**Biological Sensitivity to Socioeconomic Context and Cortisol Regulation in Early Childhood**

Chair: **Amanda Tarullo**, Boston University

(Developmental)

**Presentations:**
- **Amanda Tarullo**, Boston University
- **Nicole Bush**, University of California, San Francisco
- **Jelena Obradovic**, Stanford University

---

**Symposium**

**2:30 PM - 3:50 PM**

**Union Square 17-18**

**The Transdiagnostic Importance of Generalization Processes in Psychopathology**

Chair: **Ann Meulders**, University of Leuven, Belgium

(General)

**Presentations:**
- **Joseph E. Dunsmoor**, New York University
- **Ann Meulders**, University of Leuven, Belgium
- **Thomas Janssens**, University of Leuven, Belgium
- **Anita Jansen**, Maastricht University, The Netherlands

Discussant: **Bram Vervliet**, University of Leuven, Belgium

---

**Symposium**

**2:30 PM - 3:50 PM**

**Union Square 19**

**Intergenerational Relationships: Lifespan Perspective**

Chair: **Olga Strizhikskaya**, Saint Petersburg State University, Russia

(Developmental)

**Presentations:**
- **Olga Strizhikskaya**, Saint Petersburg State University, Russia
- **Svetlana Savelysheva**, Saint Petersburg State University, Russia
- **Victoria Vasilenko**, Saint Petersburg State University, Russia
- **Nadezhda Mikhailova**, Saint Petersburg State University, Russia

Discussant: **Marina Petrush**, Saint Petersburg State University, Russia

---

**Symposium**

**2:30 PM - 3:50 PM**

**Union Square 21**

**Gendered Practices in Relationships: Results From National and State Datasets**

Chair: **David A. Frederick**, Chapman University

(General)

**Presentations:**
- **David A. Frederick**, Chapman University
- **Melanie MacEacheron**, University of Western Ontario, Canada
- **Kathleen Doll**, Chapman University
- **Justin Garcia**, Indiana University

---

**Symposium**

**2:30 PM - 3:50 PM**

**Union Square 22**

**Professional Development Challenges and Undergraduate Research Opportunities at Teaching-First Universities**

Chair: **Michael M. Knepp**, University of Mount Union

(General)

**Presentations:**
- **Laura C. Wilson**, University of Mary Washington
- **Paula Y. Mullineaux**, Hamline University
- **Michael M. Knepp**, University of Mount Union
- **Elizabeth J. Vella**, University of Southern Maine

---

**Symposium**

**2:30 PM - 3:50 PM**

**Union Square 23-24**

**Fear of Crime: Media, Personality, Information Processing, and Time Perspective**

Chair: **Derek A. Chadee**, University of the West Indies, Trinidad and Tobago

(Social)

**Presentations:**
- **Derek A. Chadee**, University of the West Indies, Trinidad and Tobago
- **Aleksandra Kostic**, University of Nis, Serbia
- **Vaughn Becker**, Arizona State University

Discussant: **Jason R. Young**, Hunter College, The City University of New York
### Symposium

**2:30 PM - 3:50 PM**

**Lombard Room**

**The Reproducibility Project: Estimating the Reproducibility of Psychological Science**

Chair: Brian A. Nosek, University of Virginia

(Methodology)

*Presentations:*
- Calvin K. Lai, University of Virginia
- Etienne P. LeBel, Montclair State University
- Elizabeth Gilbert, University of Virginia
- Nina Strohminger, Duke University

---

### Symposium

**2:30 PM - 3:50 PM**

**Mason Room A-B**

**Goal Disruption Theory: Theoretical Advances and Empirical Findings**

Chair: Jason T. Siegel, Claremont Graduate University

(Social)

*Presentations:*
- Jason T. Siegel, Claremont Graduate University
- Mario A. Navarro, Claremont Graduate University
- Benjamin D. Rosenberg, Claremont Graduate University

Discussant: William D. Crano, Claremont Graduate University

---

### Symposium

**2:30 PM - 3:50 PM**

**Powell Room A-B**

**Application of Translational Research on Fear Extinction to Enhance Exposure Treatments for Anxiety Disorders**

Chair: Michael J. Telch, The University of Texas at Austin

(Clinical)

*Presentations:*
- Cynthia L. Lancaster, The University of Texas at Austin
- Adam R. Cobb, The University of Texas at Austin
- Michael J. Telch, The University of Texas at Austin

---

### Symposium

**2:30 PM - 3:50 PM**

**Sutter Room A-B**

**Including Meta-Science in Statistics Courses Through Using the Multivariate Least Squares Model**

Chair: Richard L. Gorsuch, Fuller Theological Seminary

(Methodology)

*Presentations:*
- Richard L. Gorsuch, Fuller Theological Seminary
- C. J. Black, The University of Arizona
- R. A. Garcia, The University of Arizona

Discussant: A. J. Figueredo, The University of Arizona

---

### Symposium

**2:30 PM - 3:50 PM**

**Taylor Room A-B**

**Sluggish Cognitive Tempo: Validity and Clinical Significance in Children With ADHD**

Chair: Keith McBurnett, University of California, San Francisco

(Clinical)

*Presentations:*
- G. Leonard Burns, Washington State University
- Stephen P. Becker, Miami University
- Lauren Haack, University of California, San Francisco
- Miguel Villodas, Florida International University

Discussant: Stephen P. Hinshaw, University of California, Berkeley

---

### Special Event

**2:30 PM - 3:30 PM**

**APS Exhibit Hall-Events Area**

**Funding Opportunities Through the Institute of Education Sciences**

Erin J. Higgins, Institute of Education Sciences

---

### Poster Check

*Storage for your poster while attending the APS Convention.*

Located on the Grand Ballroom Level of the San Francisco Hilton Union Square, outside of the APS Exhibit Hall.

- **Friday, May 23** – 8:00 AM - 5:30 PM
- **Saturday, May 24** – 8:00 AM - 5:30 PM
- **Sunday, May 25** – 8:00 AM - 2:00 PM

For posters and full program details, use the convention app "2014 APS Convention" or visit www.psychologicalscience.org/convention.
**APS-David Myers Distinguished Lecture on the Science and Craft of Teaching Psychology**

3:00 PM - 3:50 PM

**Continental Ballroom 5-6**

**Why Pseudoscience Belongs in the Psychology Classroom**

**Scott O. Lilienfeld**

*Emory University*

In this lecture, Lilienfeld will underscore the value of presenting pseudoscience in the psychology classroom. Using a wealth of examples, he will explain how this approach can help students appreciate (a) the distinctions between well-supported and poorly supported claims and (b) the essential role of scientific thinking as a safeguard against human error.

**SSCP Distinguished Scientist Award Address**

3:00 PM - 3:50 PM

**Golden Gate 6-7**

**Psychosocial and Computer-Assisted Treatments for Anxiety in Youth**

**Philip C. Kendall**, *Temple University*

An overview of the status of the empirical support for programs that treat anxiety in youth will precede a presentation of computer-assisted efforts for (a) anxious youth, (b) therapist training, and (c) parents of anxious youth. Sample screen shots from illustrative programs will be shown, and the advantages and disadvantages of the use of technological advances to address widespread and disturbing anxiety will be considered.

(Clinical)

1 CE Credit available to psychologists (see page 17 of program).

**SSCP Presidential Address**

4:00 PM - 4:50 PM

**Golden Gate 5**

**It’s Not a Heart Attack, You’re Just Out of Breath: Changing Threat Interpretations to Reduce Anxiety**

**Bethany A. Teachman**, *University of Virginia*

It is well established that cognitive biases, such as a tendency toward threat interpretations, characterize pathological anxiety. Moreover, recent evidence shows that these biases are malleable through novel interventions designed to shift biases directly, such as cognitive-bias modification. Teachman will highlight recent efforts from her lab to increase the translational potential of cognitive-bias modification by improving understanding of how it works and how it compares to other established treatments.

(Clinical)

1 CE Credit available to psychologists (see page 17 of program).

**Inside the Psychologist's Studio**

4:00 PM - 4:50 PM

**Imperial Ballroom A**

**Paul Ekman**

*Paul Ekman Group, LLC*

**Interviewed by Robert W. Levenson**, *University of California, Berkeley*

Be part of a live studio audience! This workshop will be filmed and made available online after the Convention.

Seating will be 3:30 PM - 4:00 PM.
Doors will close at 4:00 PM.

Like its quasi-namesake, the APS Inside the Psychologist’s Studio series features interviews with legends of psychological science.
### Special Event

**4:00 PM - 5:00 PM**  
APS Exhibit Hall - Grand Ballroom

**Stanford Prison Experiment Exhibit**  
**Philip G. Zimbardo, Stanford University**

Meet Philip G. Zimbardo, who led the Stanford Prison Experiment - one of the field's most famous and controversial psychological research studies, and visit a display of items from the experiment, including uniforms and other artifacts. The exhibit is located at the Center for the History of Psychology's booth, #501.

---

### Poster Session VII

**4:00 PM - 5:00 PM**  
APS Exhibit Hall - Grand Ballroom  
(Setup 3:45 PM - 4:00 PM)

---

### Symposium

**4:00 PM - 5:20 PM**  
Golden Gate 1

**When Status and Power Diverge: Psychological and Behavioral Evidence**

**Chair:**  
**Jon Maner, Florida State University**  
(Social)

**Presentations:**
- **Nathanael J. Fast,**  
  University of Southern California
- **Pamela K. Smith,**  
  University of California, San Diego
- **Jon Maner,**  
  Florida State University

---

### Symposium

**4:00 PM - 5:20 PM**  
Golden Gate 8

**Counting Seconds and Cents: The Psychological Consequences of Time and Money**

**Chair:**  
**Ashley V. Whillans,**  
University of British Columbia, Canada  
(Social)

**Presentations:**
- **Grant E. Donnelly,**  
  Harvard University
- **Lara B. Akin,**  
  Simon Fraser University, Canada
- **Sanford E. DeVoe,**  
  University of Toronto, Canada
- **Ashley V. Whillans,**  
  University of British Columbia, Canada

---

### Symposium

**4:00 PM - 5:20 PM**  
Franciscan Room B

**Physiological Measurement With Special Populations: Patterns, Pitfalls, and Promise**

**Chair:**  
**Michelle A. Patriquin,**  
University of Houston  
(Biological/Neuroscience)

**Presentations:**
- **Rajesh K. Kana,**  
  University of Alabama at Birmingham
- **Gregory F. Lewis,**  
  RTI International
- **Candice A. Alfano,**  
  University of Houston
- **Lee Dunn,**  
  The Ohio State University

**Discussant:**  
**Andres De Los Reyes,**  
University of Maryland

---

### Symposium

**4:00 PM - 5:20 PM**  
Franciscan Room C

**Working Memory: The Connected Intelligence**

**Chair:**  
**Tracy P. Alloway,**  
University of North Florida  
(Cognitive)

**Presentations:**
- **David Z. Hambrick,**  
  Michigan State University
- **Tracy P. Alloway,**  
  University of North Florida
- **Fred Coolidge,**  
  University of Colorado
- **Bonnie Nagel,**  
  The Ohio State University

**Discussant:**  
**Nelson Cowan,**  
University of Missouri-Columbia

---

### Symposium

**4:00 PM - 5:20 PM**  
Franciscan Room D

**Thinking With Visual Information Systems**

**Chair:**  
**Brian D. Fisher,**  
Simon Fraser University, Canada  
(Cognitive)

**Presentations:**
- **David Ebert,**  
  Purdue University
- **Brian D. Fisher,**  
  Simon Fraser University, Canada
- **William Ribarsky,**  
  University North Carolina at Charlotte

---

Get the latest from the APS Observer

www.psychologicalscience.org/observer

---

For posters and full program details, use the convention app "2014 APS Convention" or visit www.psychologicalscience.org/convention.
**Symposium**

4:00 PM - 5:20 PM  
Yosemite Room A

*Managing Thinking by Managing Feeling: New Approaches to Emotion and Cognition*

Chair: Kent D. Harber, Rutgers, The State University of New Jersey  
Chair: Justin Storbeck, Queens College, The City University of New York  
(Personality/Emotion)

*Presentations:*
- Brett Q. Ford, University of California, Berkeley  
- Philip Gable, University of Alabama  
- Justin Storbeck, Queens College, The City University of New York  
- Kent D. Harber, Rutgers, The State University of New Jersey

---

**Symposium**

4:00 PM - 5:20 PM  
Yosemite Room B

*The Positive Consequences of Abstract Construals*

Chair: Nicholas J. Kelley, Texas A&M University  
Chair: Joshua Hicks, Texas A&M University  
(Social)

*Presentations:*
- Kenneth Vail, University of Missouri-Columbia  
- Joshua Hicks, Texas A&M University  
- Brandon J. Schmeichel, Texas A&M University  
- Matthew Vess, Montana State University

---

**Symposium**

4:00 PM - 5:20 PM  
Union Square 14

*Myth Busters and Belt Busters: Social and Personality Psychology Challenges Conventional Wisdom About Eating*

Chair: Maryhope Howland, Kent State University  
Chair: Stephanie Cantu, University of Minnesota  
(Social)

*Presentations:*
- Stephanie Cantu, University of Minnesota  
- Maryhope Howland, Kent State University  
- Heather Scherschel Wagner, University of Minnesota  
- Angela C. Incollingo Belsky, University of California, Los Angeles

---

**Symposium**

4:00 PM - 5:20 PM  
Union Square 15

*Maximizing the Informativeness of Eyewitness Suspect Identification Decisions*

Chair: D. Stephen Lindsay, University of Victoria, Canada  
(General)

*Presentations:*
- Steven E. Clark, University of California, Riverside  
- Scott D. Gronlund, University of Oklahoma  
- John T. Wixted, University of California, San Diego  
- D. Stephen Lindsay, University of Victoria, Canada

---

**Symposium**

4:00 PM - 5:20 PM  
Union Square 16

*Disentangling the Links Between Stress and Health and Well-Being: Individual, Dyadic, and Contextual Approaches*

Chair: Frank J. Infurna, Arizona State University, Tempe  
Chair: Gloria Luong, Max Planck Institute for Human Development, Germany  
(Developmental)

*Presentations:*
- Gloria Luong, Max Planck Institute for Human Development, Berlin, Germany  
- Kira S. Birditt, University of Michigan  
- Frank J. Infurna, Arizona State University, Tempe  
- George A. Bonanno, Columbia University

---

**Symposium**

4:00 PM - 5:20 PM  
Union Square 17-18

*Big Language Analysis: Psychology at Web-Scale*

Chair: Lyle H. Ungar, University of Pennsylvania  
(General)

*Presentations:*
- Ryan Boyd, The University of Texas at Austin  
- Molly E. Ireland, Texas Tech University  
- Hansen A. Schwartz, University of Pennsylvania  
- Johannes C. Eichstaedt, University of Pennsylvania

---

**Program Kiosks**

Electronic Convention program kiosks are located by the APS Registration Desk, Exhibit Hall, and Golden Gate meeting area.
Symposium
4:00 PM - 5:20 PM  Union Square 22

**Public Mass Shootings: What Can We Learn From Psychology?**
Chair: Laura C. Wilson, University of Mary Washington
(General)

*Presentations:*
- **Donald G. Dutton,** University of British Columbia, Canada
- **Dale E. McNiel,** University of California, San Francisco
- **Emma McGinty,** Johns Hopkins University
- **Melissa Brymer,** University of California, Los Angeles

Discussant: **Renee Binder,** University of California, San Francisco

---

Symposium
4:00 PM - 5:20 PM  Lombard Room

**The New Empiricism: Big Data, Network Science, and Psychological Inquiry**
Chair: **Kevin Lanning,** Florida Atlantic University
(Methodology)

*Presentations:*
- **Kevin Lanning,** Florida Atlantic University
- **Seth Stephens-Davidowitz,** Google
- **Angélique Cramer,** University of Amsterdam, The Netherlands
- **Dustin Wood,** Wake Forest University

Discussant: **Tal Yarkoni,** The University of Texas at Austin

---

Symposium
4:00 PM - 5:20 PM  Mason Room A-B

**Physiological Coregulation and Influences in Family Relationships**
Chair: **Holly Laws,** Yale University
(Social)

*Presentations:*
- **Leah Hibel,** University of California, Davis
- **Darby E. Saxbe,** University of Southern California
- **Kendrick Rith,** University of Utah
- **Holly Laws,** Yale University

Discussant: **Niall Bolger,** Columbia University

---

Symposium
4:00 PM - 5:20 PM  Powell Room A-B

**Effects of Executive Functioning on Emotion Regulatory Processes Across the Life Span**
Chair: **Sarah R. Holley,** San Francisco State University
(Clinical)

*Presentations:*
- **Margaret A. Sheridan,** Harvard Medical School
- **Sarah R. Holley,** San Francisco State University
- **Madeleine Goodkind,** Stanford University and VA Palo Alto Healthcare System
- **Virginia E. Sturm,** University of California, San Francisco

---

Symposium
4:00 PM - 5:20 PM  Sutter Room A-B

**Improving Covariate Balance in Sequential Psychology Experiments**
Chair: **Sally A. Moore,** Evidence Based Treatment Centers of Seattle
(Methodology)

*Presentations:*
- **Sally A. Moore,** Evidence Based Treatment Centers of Seattle
- **Ryan T. Moore,** Washington University in St. Louis

---

Symposium
4:00 PM - 5:20 PM  Taylor Room A-B

**Square Pegs and Round Slots: Evaluating Key DSM-5 Changes for Anxiety Disorders**
Chair: **Tommy Chou,** Florida International University
(Clinical)

*Presentations:*
- **Tommy Chou,** Florida International University
- **Benjamin O. Emmert-Aronson,** Boston University
- **Christine E. Cooper-Vince,** Boston University

Discussant: **Jonathan S. Comer,** Florida International University

---

For posters and full program details, use the convention app “2014 APS Convention” or visit www.psychologicalscience.org/convention.
Symposium Sunday

Sunday features a full lineup of the field’s most distinguished researchers talking about their latest findings.

Don’t miss it!

See the Sunday section for the full list of exciting programs.

60 Years of Social Comparison
Chair: J. P. Gerber, Gordon College
(Social)

Presentations:
- William Klein, National Cancer Institute
- George R. Goethals, University of Richmond
- Marzena Cypryanska, University of Social Sciences and Humanities, Poland
- Pascal Huguet, Aix-Marseille University & CNRS, France

Discussant: J. P. Gerber, Gordon College

PSPI Symposium

Psychological Science in the Public Interest
Chair: Elaine F. Walker, Editor, PSPI
Emory University

The engaging reports in the APS journal Psychological Science in the Public Interest (PSPI) offer definitive and often provocative assessments by panels of distinguished scientists of what psychological science tells us about issues of broad public concern. This special symposium features authors of two recent or upcoming PSPI reports.

Presentations:
- Cooperation, Selfishness, Antagonism, and the Common Good
  Craig Parks, Washington State University
  Most people are frustratingly inconsistent in their willingness to voluntarily give resources toward a collectively beneficial entity: sometimes helping, sometimes obstructing, and sometimes opting out. We link research on human cooperation with work on ingroup/outgroup relations to create a model that explains this inconsistency and offers recommendations for remedying it.

- Using Our Science to Put the “Education” Back in Educational Apps
  Kathy Hirsh-Pasek, Temple University
  Roberta Michnick Golinkoff, University of Delaware
  Children are surrounded by new digital technologies. Applications for digital devices are proliferating, and parents often think children are learning from “educational” apps even though many have not been tested or even informed by research. We present principles to guide evidence-based app development and uses that are aligned with known processes of children’s learning and development.

Psi Chi Distinguished Speaker

Toward a Science of Awe
Dacher Keltner, University of California, Berkeley

Keltner will sign copies of his book, Understanding Emotions, immediately following his Psi Chi Distinguished Speaker Address.

Coffee Break

5:30 PM - 6:00 PM
East Lounge
President Symposium
6:00 PM - 7:30 PM  Continental Ballroom 4-6

Stress: Mechanisms and Consequences

Elizabeth A. Phelps (Chair)
New York University

Everyday life is full of frustrations and demands that lead to stress. Stress results in a host of neurohormonal changes that can both enhance and impair adaptive function. This symposium explores the mechanisms and consequences of stress from a range of perspectives — including neurobiological changes, health consequences, investigations of learning and memory, and interactions with development.

Presentations:

Neural Circuits: The Next Generation of Neuropsychiatric Diagnostics and Therapeutics
Kafui Dzirasa
Duke University

Stress, Genes, and Memory: From Basic Mechanisms to Clinical Implications
Dominique de Quervain
University of Basel, Switzerland

Chronic Stress and Cellular Aging: Uncomfortable Intimacy
Elissa S. Epel
University of California, San Francisco

Stress in Children and the Biology of Misfortune
W. Thomas Boyce
University of California, San Francisco

Friday Night Reception
7:30 PM - 9:00 PM  East Lounge

The APS Friday Night Reception is a wonderful opportunity to renew acquaintances and network with colleagues. Light hors d’oeuvres will be served.

Sponsored by

NEW YORK UNIVERSITY

For posters and full program details, use the convention app "2014 APS Convention" or visit www.psychologicalscience.org/convention.
Butler psychology students conduct research on memory, aging, decision-making, video games, health, conservation, psychological disorders, personality, and elephant behavior. They write research and funding proposals and develop IRB and IACUC protocols.

- **4 out of 5** students collaborate with faculty on empirical research.
- Since 2006, our students have made almost **300 presentations** at professional conferences, including ABS, ABCT, APA, APS, SBM, SEPA, SIOP, SPSP, and SRCD.
- Butler is **among the top 5** schools in number of presentations at the 2014 APS Convention. Undergraduates are the lead authors on 29 of our 30 presentations.
- **Over 95 percent** of our graduates who apply to PhD, PsyD, and MA-level programs are accepted by at least one program.
- Butler psychology scores at the **97th percentile** on the Major Field Test in Psychology.