

# American Psychological Association

2 0 1 8 A N N U A L C O N V E N T I O N

August 9<sup>th</sup> – 12<sup>th</sup>

Divisions 3 & 6



Society for Experimental Psychology  
and Cognitive Science **DIVISION 3**



## DIVISION 3 PROGRAMMING: Quick Reference

### Thursday, August 9

**9:00 AM – 10:50 AM**  
*Moscone Halls ABC Sect O-Q*

**Poster Session** (with Div 6), mini-talks by Michael Posner and Irene Pepperberg.  
Great research, plus a donut and cup of Peets courtesy of Divs 3 and 6!

**11:00 AM – 12:50 PM**  
*Moscone Room 2005*

**Symposium:** Six Distinguished Early Career Science Award Winners Present  
Their Research and Reflect on Their Career Paths in Psychology

**Noon – 12:50 PM**  
*Moscone Room 2004*

**Symposium:** Neuroscience of Creativity

**1:00 PM – 1:50 PM**  
*Moscone Rooms 153 & 155*

**Conversation Hour:** Aaron T. Beck at 97 in Conversation with Frank Farley

**2:00 PM – 2:50 PM**  
*Moscone Rooms 153 & 155*

**Conversation Hour:** Noam Chomsky in Conversation with Frank Farley

**3:00 PM – 3:50 PM**  
*Moscone Room 2014*

**Lifetime Achievement Award:** Michael Posner  
*Can We Rewire the Human Brain?*

**5:00 PM – 6:50 PM**  
*Marriott Marquis, Yerba Buena  
Salons 10 & 11*

**Happy Science Hour** (hosted by eight divisions, Science Directorate, APAGS)

### Friday, August 10

**9:00 AM – 10:50 AM**  
*Moscone Room 2004*

**Paper Session:** Canine Cognition

**10:00 AM – 11:50 AM**  
*Moscone Room 159*

**Workshop:** How to Diversify Psychological Science Faculties—An  
Evidence-Based, Action-Oriented Workshop

**11:00 AM – 11:50 AM**  
*Moscone Room 314*

**Paper Session:** Working Memory and Emotion

**1:00 PM – 1:50 PM**  
*Moscone Room 159*

**Master Lecture:** Karen Hollis  
*Psychological Practice Can Benefit From Studying Fish, Lizards, and Ants*

**1:00 PM – 2:50 PM**  
*Moscone Room 105*

APF Spielberger EMPathy Symposium

**4:00 PM – 4:50 PM**  
*Moscone Room 214*

**Symposium:** Novel Data Science Approaches to Examining Psychology

**4:00 PM – 5:50 PM**  
*Moscone Room 158*

**Symposium:** Engaging the Body 2020—Establishing Embodiment As  
Metatheory

**5:00 PM – 6:50 PM**  
*SF Marriott Marquis, Sierra Rm E*

**Division 3 Executive Committee Meeting**

### Saturday, August 11

**8:00 AM – 9:50 AM**  
*Moscone Room 3016*

**Paper Session:** Animal Cognition

**11:00 AM – 11:50 AM**  
*Moscone Room 3003*

**Presidential Address:** Jonathon D. Crystal  
*Animal Models of Episodic Memory*

**1:00 PM – 1:50 PM**  
*Moscone Room 208*

**2018 Distinguished Scientific Contribution Award Address:** Patricia Kuhl  
*Human Language Acquisition: Infant Brain Measures Advance Theory*

**2:00 PM – 2:50 PM**  
*Moscone Room 214*

**Neal Miller Lecture:** Elisabeth Murray  
*From Knowledge to Action: Roles of Primate Prefrontal Cortex*

**5:00 PM – 5:50 PM**  
*Moscone Room 313*

**Division 3 Business Meeting**

### Sunday, August 12

**9:00 AM – 9:50 AM**  
*Moscone Room 3000*

**Symposium:** Motivated Memory

## DIVISION 6 PROGRAMMING: Quick Reference

### Thursday, August 9

**9:00 AM – 10:50 AM**  
*Moscone Halls ABC Sect O-Q*

**Poster Session** (with Div 3), mini-talks by Michael Posner and Irene Pepperberg.  
Great research, plus a donut and cup of Peets courtesy of Div 3 and 6!

**9:00 AM – 10:50 AM**  
*Moscone Room 208*

**Workshop:** Sex, Gender, and Sexualities—A Skill-Building Session for Teachers Wishing to Update Their Courses

**11:00 AM – 11:50 AM**  
*Moscone Room 306*

**Presidential Address:** Allyson J. Bennett  
*Science and Service: Giving Without Giving Up or Giving In*

**Noon – 12:50 PM**  
*Moscone Room 3022 & 3024*

**Conversation Hour:** STEM and Psychology—Action Items for 2018

**Noon – 12:50 PM**  
*Moscone Room 2004*

**Symposium:** Neuroscience of Creativity

**1:00 PM – 2:50 PM**  
*Moscone Room 2004*

**Symposium:** Are You In or Out? Insights Into Ingroup and Outgroup Bias From Primates, Humans, and Virtual Reality

**2:00 PM – 2:50 PM**  
*Moscone Room 313*

**2018 Clever Sys Early Career Investigator Award:** Sergio D. Iñiguez  
*Rodent Models of Depression: Behavioral and Pharmacological Perspectives*

**3:00 PM – 3:50 PM**  
*Moscone Room 3004*

**D.O. Hebb Distinguished Scientific Contributions Award:** John D. Smith  
*Dissociable Learning Processes: A Comparative Perspective*

**5:00 PM – 6:50 PM**  
*Marriott Marquis, Yerba Buena Salons 10 & 11*

**Happy Science Hour** (hosted by eight divisions, Science Directorate, APAGS)

### Friday, August 10

**9:00 AM – 10:50 AM**  
*Moscone Room 3003*

**Symposium:** Creating Cultural Change Within Psychological Science—Advocacy and Professional Responsibility

**10:00 AM – 11:50 AM**  
*Moscone Room 159*

**Workshop:** How to Diversify Psychological Science Faculties—An Evidence-Based, Action-Oriented Workshop

**11:00 AM – 11:50 AM**  
*Moscone Room 2000*

**Paper Session:** Comparative Cognition Research Papers

**1:00 PM – 1:50 PM**  
*Moscone Room 159*

**Master Lecture:** Karen Hollis  
*Psychological Practice Can Benefit From Studying Fish, Lizards, and Ants*

**4:00 PM – 5:50 PM**  
*Moscone Room 158*

**Symposium:** Engaging the Body 2020—Establishing Embodiment As Metatheory

**5:00 PM – 6:50 PM**  
*Marriott Marquis, Pacific Rm D*

**Division 6 Executive Committee Meeting**

### Saturday, August 11

**9:00 AM – 10:50 AM**  
*Moscone Room 3004*

**Symposium:** Rumbaugh Memorial Symposium on the Intrinsic and Translational Motivation for Primate Research

**11:00 AM – 11:50 AM**  
*Moscone Rooms 310 & 311*

**Brenda A. Milner Award:** Adriene Beltz  
*Oral Contraceptives and Cognition: A Methodological Perspective*

**12:00 PM – 12:50 PM**  
*Moscone Room 312*

**Paper Session:** Human Neuroscience and Neuropsychology Research

**1:00 PM – 1:50 PM**  
*Moscone Room 208*

**2018 Distinguished Scientific Contribution Award Address:** Patricia Kuhl  
*Human Language Acquisition: Infant Brain Measures Advance Theory*

**2:00 PM – 2:50 PM**  
*Moscone Room 214*

**Neal Miller Lecture:** Elisabeth Murray  
*From Knowledge to Action: Roles of Primate Prefrontal Cortex*

### Sunday, August 12

**9:00 AM – 9:50 AM**  
*Moscone Room 313*

**Invited Address:** Thomas R. Zentall  
*Sameness May Be a Natural Concept That Does Not Require Learning*

**10:00 AM – 10:50 AM**  
*Moscone Room 3002*

**Division 6 Business Meeting**

**Division 3 is highlighted in peach**

**Division 6 is highlighted in mauve**

**Events of interest to both Divisions 3 and 6 are highlighted in aqua**

## Thursday, August 9

**9:00 AM – 10:50 AM — Poster Session [Moscone Exhibit Hall ABC, Sections O-Q]**

Enjoy a donut and cup of Peets coffee from 9 am, while supplies last!

*Opening Remarks* by Michael Posner (9 am) and *Eyeing Frontiers* by Irene Pepperberg (10 am)

Participants:

Xiaoyu Tang, Liaoning Normal University, China

*Bimodal Divided Attention Attenuates Inhibition of Return With Audiovisual Target*

Co-Author(s): Ruosong Chang, Liaoning Normal University, China & Ming Zhang, Soochow University, China

Arne Weigold, Notre Dame College

*Equivalence of Self-Report Surveys Completed on the Computer: Item Formats and Forced Responses*

Co-Author(s): Ingrid K. Weigold, University of Akron; Julia P. Smith, Liam J. Tipton-Fletcher, Kyra E. Weiner, Louisa Rygh, Alexandria C. Dick, & Elexia L. Verbick, Notre Dame College

Arne Weigold, Notre Dame College

*Paper-and-Pencil and Computer Mean Equivalence for Self-Report Surveys: A Meta-Analysis*

Co-Author(s): Ingrid K. Weigold, Charity A. Smith, & John P. Bruner, University of Akron; Sara N. Natera, Cleveland State University

Jan P. Röer, Witten/Herdecke University, Germany

*The Irrelevant Speech Effect on Serial Recall: What Role for Meaning?*

Kamakshi Khosla, University of Delhi, India

*Gains in Visuospatial Rehearsal Facilitate Change Detection: Evidence From Neurocognitive Training*

Melissa L. Kern, University of South Alabama

*An Examination of Eye Gaze During Judgments of Faces of Psychopaths and Control Photographs*

Co-Author(s): John F. Shelley-Tremblay & James R. Stefurak, University of South Alabama

Rupa Kalahasthi, Monk Prayogshala, India

*An Analysis of Thoughts, Behaviors, and Emotions in Daily Decision Making*

Co-Author(s): Prachi H. Bhuptani & Hansika Kapoor, Monk Prayogshala, India

Felipe González-Arango, Universidad Nacional de Colombia, Colombia

*Nudges and Honesty: How Do They Relate in Colombia?*

Co-Author(s): Javier A. Corredor, Universidad Nacional de Colombia, Colombia

Angelos Angelidis, Leiden University, Netherlands

*Spontaneous EEG Theta/Beta Ratio As a Marker for Cognitive Control Over Mild and High Threat*

Co-Author(s): Muriel Hagenaars, Utrecht University, Netherlands; Dana van Son, Willem van der Does, & Peter Putman, Leiden University, Netherlands

Sergio D. Iñiguez, University of Texas, El Paso

*Psychological Stress-Induced Social Dysfunction Is Ameliorated by Ketamine and Librium in Mice*

Co-Author(s): Francisco J. Flores-Ramirez, Israel D. Garcia-Carachure, Samuel A. Castillo, Miguel D. Arenivar, & Omar Lira, University of Texas at El Paso

Fenan Rassu, Texas A&M University  
*Chronic Stress Reduces the Effect of Acute Laboratory Stress on Delay Discounting in Young Adults*  
Co-Author(s): Hans R. Linsenhardt, Hunter A. Hahn, & Mary W. Meagher, Texas A&M University

Vanessa Diaz, Nova Southeastern University  
*Effectiveness of Complicated Grief Treatment in Treating Complicated Grief in Adolescents*

Ian A. Cooke, San Jose State University  
*The Influence of Level of Automation and Reliability of IDS Systems on Cyber Situation Awareness*  
Co-Author(s): David Schuster, San Jose State University

Chen Jung Chen, National Cheng Kung University, Taiwan  
*Empathy Regulation: The Relationship Between Empirical Empathy and Utilization Empathy*  
Co-Author(s): Jon Fan Hu, National Cheng Kung University, Taiwan

Jabeen F. Shamji, University of North Texas  
*Interpersonal Decentering and Activation of Social Information Processing*  
Co-Author(s): Sharon R. Jenkins, Casey Greger, & Adriel Boals, University of North Texas

Tasnuva Enam, University of Alabama  
*Effect of Multiple Fluency Cues on Feeling of Knowing Judgments*  
Co-Author: Ian McDonough, University of Alabama

Daniel A. Pizaña, University of Texas Rio Grande Valley  
*Hand Trajectories Reveal Effects of Early Musical Training on Numerical Processing in Bilinguals*

Kristen Luongo, Spalding University  
*Validity of Potential for Negative Outcomes Risk Assessment Battery Among Athletes*  
Co-Author(s): Morgan L. Daffin, Nicholas K. Lim, Pamela King, & Thomas Bergandi, Spalding University

Tianyu Li, California State University, Northridge  
*The Influence of Suppressive Emotion Regulation on the Coherence of Childhood Memory*  
Co-Author(s): Sara R. Berzenski, California State University, Northridge

Patrick J. McNicholas, University of Memphis  
*A Battery of Time Perception Tasks: Estimation, Production, Reproduction, and Discrimination*  
Co-Author(s): Randy G. Floyd, University of Memphis

Fuchang Liu, Wichita State University  
*Common and Uncommon Fractions Are Mentally Represented Differently*

Jacquelyn S. Pennings, Vanderbilt University Medical Center  
*Goal Management and Mindfulness Training Program in Patients With TBI: A Randomized Controlled Trial*  
Co-Author(s): Christine M. Abraham, Lori Clemons, Susan Vanston, James C. Jackson, Eugene W. Ely, Oscar Guillaumondegui, William Obremskey, & Kristin Archer, Vanderbilt University Medical Center

Carol A. Vazquez, State University of New York, New Paltz  
*Gun Prevalence in Visual Search Paradigm Affects Racial Bias in First-Person Shooter Task*  
Co-Author(s): Angelo D'Addario, State University of New York, New Paltz

Kosuke Kaida, National Institute of Advanced Industrial Science and Technology, Japan  
*Self-Relevance Effects on Attentional Lapses and EEG Arousal During a Monotonous Task*  
Co-Author(s): Takashi Abe, University of Tsukuba, Japan

A. Freitas-Magalhaes, University Fernando Pessoa, Portugal  
*F-M Facial Action Coding System 3.0: A New Scientific Toll for Reading Human Faces*

Jonathan P. Fillauer, University of Tennessee, Knoxville  
*The Effects of Frustration on Working Memory Capacity*  
Co-Author(s): Melanie A. Jacobson, Jenna E. Gilmore, Emily C. Mariotti, & Jennifer Bolden,  
University of Tennessee, Knoxville

**9:00 AM – 10:50 AM — Poster Session [Moscone Exhibit Hall ABC, Sections O-Q]**

Enjoy a donut and cup of Peets coffee from 9 am, while supplies last!

*Opening Remarks* by Michael Posner (9 am) and *Eyeing Frontiers* by Irene Pepperberg (10 am)

Participants:

Kayla L. Mota, University of Central Florida  
*The Effects of Mental Health on the Perception of Music and Frequency Tones*  
Co-Author(s): Eva L. Parkhurst & Daniel McConnell, University of Central Florida

Jennifer Jones-Medina, Chatham University  
*The Effects of Caffeine on Feedback-Driven Responses*  
Co-Author(s): David Fraser, Joseph Rosansky, & Casey Allen, Chatham University

Adam S. Mouloua, University of Central Florida  
*Handedness and Language Processing: A Behavioral and Electrophysiological Approach*  
Co-Author(s): Mustapha Mouloua, University of Central Florida

Jeremy Bailoo, University of Bern, Switzerland  
*Free-Standing Bipedal Posture and Coordinated Bimanual Manipulation Influence Lateralized Hand Use in Rhesus Monkeys (*Macaca mulatta*) and Chimpanzees (*Pan troglodytes*)*  
Co-Author(s): Blair Quinius, Southwestern University; Steven J. Schapiro, University of Texas, Bastrop; William D. Hopkins, Georgia State University; Allyson J. Bennett, PhD, University of Wisconsin, Madison

Fang-Wei Hsu, Azusa Pacific University  
*Executive Functions in Agenesis of the Corpus Callosum: Examining the BTBR Inbred Mouse Strain*  
Co-Author(s): Brooke Herd & Loren Martin, Azusa Pacific University

Sadahiko Nakajima, Kwansai Gakuin University, Japan  
*Running-Based Taste Aversion Learning in Mice*  
Cynthia A. Crawford, California State University, San Bernardino  
*The Effects of Repeated Paroxetine and Fluoxetine on BDNF Functioning in Adolescent Rats*  
Co-Author(s): Matthew G. Apodaca, Adrian D. Mendez, & Janhavi Dhargalkar, California State University, San Bernardino

Lorenz S. Neuwirth, College at Old Westbury—State University of New York  
*Developmental Lead Exposure Alters Rodent Maternal Pup Retrieval Disrupting Adolescent Social Play*  
Co-Author(s): Eddy Barrera, Samantha Rubi, Teddy F. Dacius, Jr., Jourvonn Skeen, Nimra Hameed, Eric Khairi, Jalen R. Bonnitto, Asma Iqbal, Kirsten Lynch, Isra Ahmed, Sukhpreet Kaur, Tokunbo J. Jose, College at Old Westbury—State University of New York

Danielle N. Rendina, University of Wisconsin, Madison  
*Maternal Contributions to the Gut Microbiome of Young Infants*  
Co-Author(s): Gabriele R. Lubach & Christopher L. Coe, University of Wisconsin, Madison; Mark Lyte & Gregory J. Phillips, Iowa State University

Glen C. Dawson, Case Western Reserve University  
*Adolescent Trait Mindfulness and Affective Valence Differentiation*  
Co-Author: Rana Uhlman & Arin M. Connell, Case Western Reserve University

J'Ana Reed, Middle Tennessee State University  
*Is There a Relationship Between Sensation Seeking and the COMT VAL158MET SNP?*

Rana Uhlman, Case Western Reserve University  
*RSA and Child Perception of Maternal Depression: Exploring Transgenerational Risk Factors*  
Co-Author(s): Glen C. Dawson & Arin M. Connell, Case Western Reserve University

Rana Uhlman, Case Western Reserve University  
*Transgenerational Depression Risk Factors: Late Positive Potential and Child Perception Measures*  
Co-Author(s): Glen C. Dawson & Arin M. Connell, Case Western Reserve University

Michelle C. Huffman, University of Nebraska, Omaha  
*CORT Reactivity in Burnout and Compassion Fatigue Depends on Depression and Anxiety: A Pilot Study*

Irene N. Ozbek, University of Tennessee, Chattanooga  
*Is the Cortisol in a Saliva Sample Related to Changes in Olfactory Sensitivity After a Stress Event?*  
Co-Author(s): Katherine Pendergast, Kathleen Phelps, Katey Hayes, C.L. Lewis, & Suzanne Gagliano, University of Tennessee, Chattanooga

Kylie N. Coleman, George Fox University  
*Differences From Trauma in Cognitive Functioning During Conflict in Intimate Partner Relationships*  
Co-Author(s): Glenna L. Andrews, George Fox University

**9:00 AM – 10:50 AM — Workshop:** Sex, Gender, and Sexualities: A Skill-Building Session for Teachers Wishing to Update Their Courses  
Co-sponsored by Div 2, 35, and 6

Chair: Jeanne Marecek, Swarthmore College

Participants:

Nancy K. Dess, Occidental College  
*Nonreductionistic Biological Models: Plasticity and Contingency As Core Principles*

Peter Hegarty, University of Surrey  
*How to Reinterpret Gender Binaries*

Patricia Miller, San Francisco State University  
*Moving Beyond Difference: Gender Development, Families, and Society*

**11:00 AM – 11:50 AM — Presidential Address:** Allyson J. Bennett, University of Wisconsin, Madison  
*Science and Service: Giving Without Giving Up or Giving In*

Chair: David A. Washburn, Georgia State University

**11:00 AM – 12:50 PM — Symposium:** Six Distinguished Early Career Science Award Winners Present Their Research and Reflect on Their Career Paths in Psychology

Co-chairs: Anne E. Kazak, Nemours Children's Health System, & Howard Kurtzman, APA Science Directorate

Participants:

Eliza Bliss-Moreau, University of California, Davis  
*The Challenges and Promise of Interdisciplinary Scholarship*

Andrei Cimpian, New York University  
*Development of Gender Stereotypes About Intellectual Ability*

Fiery Cushman, Harvard University  
*How We Know What Not to Think*

Donald Edmondson, Columbia University in the City of New York  
*Enduring Somatic Threat in Survivors of Life-Threatening Medical Events*

Kristin E. Naragon-Gainey, State University of New York, Buffalo  
*Affect Regulation and Internalizing Disorders*

Darby E. Saxbe, University of Southern California  
*Stress and Health Within a Family Context*

**Noon – 12:50 PM — Symposium:** Neuroscience of Creativity  
Co-sponsored by the Central Programming Group, Divs 6, 3, 10, 20, 21

Co-chairs: Hod Orkibi, University of Haifa, and Susan Magsamen, Johns Hopkins University

Participants:

Juliet King, Herron School of Art and Design, Indiana University School of Medicine  
*Art Therapy and Neuroscience*

Linda Maguire, George Mason University  
*Music As Medicine: The Prescription iPod Music Model*

Discussants: Bill O'Brien, National Endowment for the Arts, and Melissa S. Walker, National Intrepid Center of Excellence

**1:00 PM – 2:50 PM — Symposium:** Are You In or Out? Insights Into Ingroup and Outgroup Bias From Primates, Humans, and Virtual Reality

Co-sponsored by the Central Programming Group, Divs 6, 36, 41, 46

Co-chairs: Evelyn Maeder, Carleton University, and Amanda Dettmer, APA

Participants:

Lauren J. Wooddell, California National Primate Research Center, UC Davis  
*Ousting the Outgroup: Consequences of an Interfamilial Overthrow in Rhesus Macaques*

Evelyn Maeder, Carleton University  
*Jurors and Social Identity: The Interaction of Juror and Defendant Race in Criminal Trials*

Jordan P. LaBouff, University of Maine  
*Religious Intergroup Bias: Implications for Prosociality and Prejudice*

Linda A. Durnell, Fielding Graduate University  
*Behavior Change Through Virtual Reality*



**1:00 PM – 1:50 PM — Conversation Hour:** Aaron T. Beck at 97 in Conversation With Frank Farley  
Co-sponsored by Divisions 26, 46, 56

Chair: Frank Farley, Temple University

Participant: Aaron T. Beck, University of Pennsylvania

**2:00 PM – 2:50 PM — Conversation Hour:** Noam Chomsky in Conversation With Frank Farley  
Co-sponsored by Divisions 24, 26, 46, 48

Chair: Frank Farley, Temple University

Participant: Noam Chomsky, University of Arizona

**2:00 PM – 2:50 PM — 2018 Clever Sys Early Career Investigator Award:** Sergio D. Iñiguez,  
University of Texas, El Paso

*Rodent Models of Depression: Behavioral and Pharmacological Perspectives*

Co-sponsored by Divisions 3, 12, 29, APA Committee on Early Career Psychologists

Chair: Cynthia A. Crawford, California State University, San Bernardino

**3:00 PM – 3:50 PM — Lifetime Achievement Award:** Michael Posner, University of Oregon

*Can We Rewire the Human Brain?*

Co-sponsored by Divisions 2, 6

Chair: Jonathon D. Crystal, Indiana University, Bloomington

**3:00 PM – 3:50 PM — D.O. Hebb Distinguished Scientific Contributions Award:** John D. Smith,  
Georgia State University

*Dissociable Learning Processes: A Comparative Perspective*

Chair: Allyson J. Bennett, University of Wisconsin, Madison

**5:00 PM – 6:50 PM — Social Hour:** Happy Science Hour (details below)

**JOIN US!**

**126<sup>th</sup> APA Convention**  
**Happy Science Hour**

Reconnect with colleagues, meet new ones,  
and unwind at this informal social  
hosted by Divisions 3, 6, 21, 23, 28, 40, 50, & 56  
and the Science Directorate.

SF Marriott Marquis, Yerba Buena Salons 10 & 11  
Thursday, Aug 9, 5-7 pm

Your Hosts

28 PSYCHOPHARMACOLOGY AND SUBSTANCE ABUSE  
SCP SOCIETY FOR CONSUMER PSYCHOLOGY  
SOCIETY FOR EXPERIMENTAL PSYCHOLOGY AND COGNITIVE SCIENCE DIVISION 3

APPLIED EXPERIMENTAL & ENGINEERING PSYCHOLOGY  
DIVISION 51 OF THE AMERICAN PSYCHOLOGICAL ASSOCIATION  
THE SOCIETY FOR CLINICAL NEUROPSYCHOLOGY  
TRAUMA PSYCHOLOGY

## Friday, August 10

### 9:00 AM – 10:50 AM — Paper Session: Canine Cognition

Co-sponsored by Division 6

Chair: Jeffrey S. Katz, Auburn University

Participants:

Monique A.R. Udell, Oregon State University

*The Influence of Canine Social Cognition on Exploration and Persistence*

Evan MacLean, University of Arizona

*Breed Differences in Dog Cognition Are Predicted by Absolute Brain Volume*

Co-Author(s): Daniel Horschler, University of Arizona

Andie M. Thompkins, Auburn University

*Face Familiarity and Emotion Processing in Domestic Dogs With Biobehavioral Indices of Attachment*

Co-Author(s): Bhavitha Ramaiahgari, Sinan Zhao, Sheshan Roy, Paul Waggoner, Ronald Beyers, Thomas Denney, Gopi Deshpande, & Jeffrey S. Katz, Auburn University

Judy Jinn, University of California, Berkeley

*Olfactory Navigation in Trained Search Dogs: How Natural Meteorological Conditions Influence Search Strategy*

Co-Author(s): Erin Connor, Margaret McHugh, Aaron True, & John Crimaldi, University of Colorado Boulder; Lucia Jacobs, University of California, Berkeley

Barbara Smuts, University of Michigan, Ann Arbor

*Differentiation of Canine Play Relationships: Evidence of Complexity and Social Cognition*

### 9:00 AM – 10:50 AM — Symposium: Creating Cultural Change Within Psychological Science— Advocacy and Professional Responsibility

Co-sponsored by Divisions 1, 3, 18, 32, 45, APA Committee on Early Career Psychologists, APAGS

Co-chairs: Tyson D. Bailey, Spectrum Psychological Associates & Roseann Fish Getchell, George Fox University

Participants:

Amber Hewitt, AAAS S&T Policy Fellowship

*Communicating Psychological Science to Policy Makers, Advocates, and the Public*

Roseann Fish Getchell, George Fox University

*Graduate Students Finding Their Niche in Legislative Advocacy*

Discussant:

Elyse Mowle, Texas A&M University

### 10:00 AM – 11:50 AM — Symposium: How to Diversify Psychological Science Faculties: An Evidence-Based, Action-Oriented Workshop

Co-sponsored by Central Programming Group; Co-List: 6, 3, APA Board of Scientific Affairs, APAGS

Chair: Nancy K. Dess, Occidental College

Participants:

Diane F. Halpern, Claremont McKenna College

*Diversifying STEM: What Colleges and Universities Can Do This Semester*

Jaclyn T. Rodríguez, Occidental College

*Intergroup Dialogue: A Color-Conscious Tool for Engaging Difference*

John F. Dovidio, Yale University

*Recruiting, Hiring, and Retaining Diverse Faculty: Putting Psychological Principles to Work*

**11:00 AM – 11:50 AM — Paper Session: Working Memory and Emotion**

Chair: Gene A. Brewer, Arizona State University

Participants:

Annegret D. Krause-Utz, Leiden University, Netherlands Antilles

*The Effectiveness of an Emotional Working Memory Training in Borderline Personality Disorder*

Co-Author(s): Julia-Caroline Walther, Stefanie Lis, Christian Schmahl, & Martin Bohus, Central Institute of Mental Health, Germany; Susanne Schweizer & Tim Dalgleish, Medical Research Council Cognition and Brain Sciences Unit, United Kingdom

Gene A. Brewer, Arizona State University

*Working Memory Cannot Regulate Overt Emotional Capture*

Co-Author(s): Kimberly Wingert, Arizona State University

Philip E. Peper, University of Minnesota, Duluth

*Associated Correlates of Social Comparison Threat to Working Memory Capacity*

Co-Author(s): Robert L. Lloyd, University of Minnesota, Duluth

**11:00 AM – 11:50 AM — Paper Session: Comparative Cognition Research Papers**

Co-sponsored by Division 3

Chair: Alan M. Daniel, Texas A&M University, San Antonio

Participants:

Alan M. Daniel, Texas A&M University--San Antonio

*Scaling Relative Incentive Value in Honey Bees*

Jeffrey S. Katz, Auburn University

*Abstract Concept Learning*

Michael J. Beran, Georgia State University

*Confidence Judgments in Chimpanzees and Children*

Co-Author(s): Brielle T. James, Georgia State University; Bonnie M. Perdue, Agnes Scott College; Andrew J. Kelly, Georgia Gwinnett College; Audrey E. Parrish, The Citadel

**1:00 PM – 1:50 PM — Master Lecture: Karen Hollis, Mount Holyoke College**

*Psychological Practice Can Benefit From Studying Fish, Lizards, and Ants*

Chair: Nancy K. Dess, Occidental College

**1:00 PM – 2:50 PM — Symposium: APF Spielberger EMPathy Symposium**

Collaboration of Divisions 3, 8, and 12

Participants:

Andrew P. Yonelinas

*The Promiscuous Hippocampus: The Role of the Medial Temporal Lobe in Memory, Perception, and Emotion*

Dacher Keltner

*Advances in the Science of Emotional Expression: New Signals, New Modalities, and New Quantitative Approaches to Understanding the Structure of Emotion Categorization*

J. Gayle Beck

*The Emotional Legacy of Trauma: Beyond PTSD*

**4:00 PM – 4:50 PM — Symposium: Novel Data Science Approaches to Examining Psychology**

Chair: Bradley Voytek, University of California, San Diego

Participants:

Alex Huth, University of Texas, Austin

*Mapping Representations of Language and Vision in the Human Cortex*

Romy Lorenz, Imperial College London, United Kingdom

*The Automatic Neuroscientist: Implications for the Psychological Sciences*

Bradley Voytek, University of California, San Diego

*Large-Scale Human Electrophysiology via Automated Parameterization of Neural Power Spectra*

**4:00 PM – 5:50 PM — Symposium: Engaging the Body 2020 — Establishing Embodiment As Metatheory**

Co-sponsored by the Central Programming Group, Divs 6, 3, 7, and 10

Chair: Nancy K. Dess, Occidental College

Participants:

John Iversen, UC Irvine

*Rhythms in Music, Language and the Brain*

Paula S. Thomson, CSU Northridge

*Embodied Practitioners: Through a Psychophysiologic Lens*

Thalia R. Goldstein, George Mason University

*Acting and Pretending: The Effects of Embodied Imagination on Social Skills*

Elisabeth Wehling, UC Berkeley

*Measuring Moral Politics: Embodied Metaphoric Cognition, Family Values, and Political Decision Making*

**5:00 PM – 6:50 PM — Division 3 Executive Committee Meeting**

**5:00 PM – 6:50 PM — Division 6 Executive Committee Meeting**

**Saturday, August 11**

**8:00 AM – 9:50 AM — Paper Session: Animal Cognition**

Co-sponsored by Division 6

Chair: Michael J. Beran, Georgia State University

Participants:

Debbie M. Kelly, University of Manitoba, Canada

*The Effects of Sun Compass Error on Landmark Use by Clark's Nutcrackers*

Irene M. Pepperberg, Harvard University

*Inference by Exclusion by a Grey Parrot: Results From a 4-Cup Task*

Co-Author(s): Susan Carey, Shilpa Mody, & Francesca Cornero, Harvard University; Suzanne L. Gray, Tufts University

*(continued on next page)*

Regina P. Gazes, Bucknell University  
*Constraints on Social Choice in Capuchin Monkeys (Cebus apella)*  
Co-Author(s): Corinne N. Leard & Allie E. Schrock, Bucknell University

Audrey E. Parrish, The Citadel  
*Comparative Investigations of the Solitaire Illusion*  
Co-Author: Christian Agrillo & Maria Elena M. Petrazzini, University of Padova, Italy; Michael J. Beran, Georgia State University

Bonnie M. Perdue, Agnes Scott College  
*Educating the Public About Comparative Psychology*

**9:00 AM – 10:50 AM — Symposium:** Rumbaugh Memorial Symposium on the Intrinsic and Translational Motivation for Primate Research  
Co-sponsored by Divisions 3, 26

Chair: David A. Washburn, Georgia State University

Participants:

James L. Pate, Georgia State University  
*Duane M. Rumbaugh: A Biographical Sketch and Some Early Research*

Terrence Deacon, University of California, Berkeley  
*Learning and Emergents*

E. Sue Savage-Rumbaugh, Bonobo Hope  
*The Role of Dialogue, Emergence and Emergents in the Bootstrapping of a Literal Language by Lana (Chimpanzee)*

David A. Washburn, Georgia State University  
*Primates Solving Problems and Solving Primate Problems*

**11:00 AM – 11:50 AM — Presidential Address:** Jonathon D. Crystal, Indiana University, Bloomington  
*Animal Models of Episodic Memory*

**11:00 AM – 11:50 AM — Brenda A. Milner Award:** Adriene Beltz, University of Michigan, Ann Arbor  
*Oral Contraceptives and Cognition: A Methodological Perspective*

Chair: Karen L. Hollis, Mount Holyoke College

**12:00 PM – 12:50 PM — Paper Session:** Human Neuroscience and Neuropsychology Research  
Co-sponsored by Divisions 3, 40

Chair: George F. Michel, University of North Carolina, Greensboro

Participants:

Kelly Cuccolo, University of North Dakota  
*Self-Focused Attention and Neuropsychological Functioning in Dieters*  
Co-Author(s): Richard F. Ferraro, PhD, University of North Dakota

Katherine K.M. Stavropoulos, University of California, Riverside  
*“It's So Cute I Could Crush It!”: Understanding the Neural Mechanisms of Cute Aggression*  
Co-Author(s): Laura Alba & Yasamine Bolourian, University of California, Riverside

Gadi Gilam, Stanford University  
*vmPFC Enhancement Improves Anger Regulation in the Anger-Infused Ultimatum Game: A tDCS-fMRI Study*  
Co-Author(s): Rany Abend, National Institute of Mental Health; Guy Gurevitch, Alon Erdman, Halen Baker, Ziv Ben-Zion, & Talma Hendler, Tel Aviv Sourasky Medical Center, Israel

**1:00 PM – 1:50 PM — 2018 Distinguished Scientific Contribution Award Address:** Patricia Kuhl, University of Washington

*Human Language Acquisition: Infant Brain Measures Advance Theory*

Chair: Andrei Cimpian, New York University

**2:00 PM – 2:50 PM — Neal Miller Lecture:** Elisabeth Murray, NIMH

*From Knowledge to Action: Roles of Primate Prefrontal Cortex*

Chair: Allyson J. Bennett, University of Wisconsin

**5:00 PM – 5:50 PM — Division 3 Business Meeting**

Chair: Jonathon D. Crystal, Indiana University, Bloomington

## Sunday, August 12

**9:00 AM – 9:50 AM — Symposium:** Motivated Memory

Chair: Chris Madan, University of Nottingham, United Kingdom

Participants:

Alan Castel, University of California, Los Angeles

*Motivated Memory for Important Information As We Age*

Signy Sheldon, McGill University, Canada

*Retrieval States That Bias Autobiographical Memory Recollection: The Impact of Emotion and Stress*

Rosie Cowell, University of Massachusetts

*Episodic-Like Memory Mechanisms for Memories That Are Not Episodic*

Kimberly Chiew, University of Denver

*Locomotive and Exploratory Contributions to Motivated Memory Encoding in a Complex Real-Life Environment*

Chris Madan, University of Nottingham, United Kingdom

*Considering the Functional Role of Memory*

**9:00 AM – 9:50 AM — Invited Address:** Thomas R. Zentall, University of Kentucky

*Sameness May Be a Natural Concept That Does Not Require Learning*

Co-sponsored by Division 3

Chair: Nancy K. Dess, Occidental College

**10:00 AM – 10:50 AM — Division 6 Business Meeting**



## A Sampler of Other Sessions of Interest

Search online program for day/time/location: [www.apa.org/convention/program-search.aspx](http://www.apa.org/convention/program-search.aspx)

Search with keywords or “Division/Group,” such as:

Division 3 or 6 for additional sessions on which they are “co-listers”

EC (Early Career); GS (APAGS); BCA (Board of Convention Affairs) orientation & social hour

### Professional Development and Responsibilities

- Alternative Career Paths With a Psychology Degree
- Maintaining a Competitive Edge Through Publication Success--Strategies for New Investigators
- Impact of Discrimination and Bias in STEM Fields, Including Psychology
- The Role of Psychologists in Social Justice--Advances and Advice From the Frontline
- Creating a More Gender and Race Inclusive Curriculum for the History of Psychology
- Funding Support for Researchers to Apply Theories and Recent Findings From Psychological Science to Education Practice
- Acquiring Foundation and Nontraditional Grant Funds
- Mentorship, Community Engaged Research, and Citizen Psychology
- Oh the Places You Could Go---Applied Psychology Degrees in Today's Job Market

### Research Presentations

- Late Breaking Poster Session: Cutting-Edge Research From Emerging Psychological Scientists
- Brain Systems of Creativity and Imagination
- Choice and Adaptive Behavior: Michael Beran, Kimberly Kirkpatrick, Ed Wasserman, Tom Zentall
- Digital History, Philosophy, and Laboratories
- APF Spielberger EMPathy Symposium: Andrew P. Yonelinas, Dacher Keltner, J. Gayle Beck
- Models of Attention and Task Switching in a Dynamic, Safety-Critical Environment---What Rock Climbing Can Tell Us About Attention and Expertise

### Presidential and Award Addresses and Master Lecture

- Presidential Address (Div 21): Robert Proctor, *Applied Experimental and Engineering Psychology in the Information Age and Beyond*
- Presidential Address (Div 25), Ed Wasserman, *Concepts and Behavior Analysis: The Legacy of Keller, Schoenfeld, and Skinner*
- Presidential Address (Div 28), Mark Smith, *Modeling Substance Use Within Social Contexts*
- B.F. Skinner Foundation New Researcher Award, Justin Yates, *Basic Research-Measuring Drug Effects in Impulsive Choice: Procedural and Analytic Considerations*
- Med Associates Distinguished Contribution to Basic Behavior Analysis Award (Div 25), John Staddon, *Skinner, Darwin, and Memorial Hall: Reflections on Operant Conditioning*
- Master Lecture, Megan Gunnar, *Early Life Stress and Human Development*

