

Sixth Annual Conference  
**BOSTON**  
 March 21-23, 2019  
 The Westin Boston Waterfront Hotel



SOCIETY FOR  
**AFFECTIVE SCIENCE**

## PROGRAM

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### PROGRAM

**Thursday, March 21, 2019**

8:00 a.m.-5:30 p.m. .... Harbor Ballroom Foyer  
**Conference Registration Opens**

#### Pre-Conferences

(presented concurrently and at an additional fee)

8:50 a.m.-4:15 p.m. .... Douglass, Mezzanine Level

#### Pre-Conference #1: Culture and Emotion

Organizers:

Yuri Miyamoto, University of Wisconsin, Madison

Yulia Chentsova-Dutton, Georgetown University

Location: Westin Boston Waterfront Hotel

This pre-conference will highlight recent advances in research on the interplay between culture and emotion, featuring two themes: "Culture and Emotion Perception" (focusing on research investigating cultural influences on emotion perception) and "Cultural Fit of Emotions" (focusing on implications of emotions that fit [or do not fit] in their cultural contexts). The pre-conference will include two thematic sessions with invited speakers, a data blitz session, a poster session, and a keynote address by Batja Mesquita. Invited speakers include Rachael Jack, Maria Gendron, Taka Masuda, and Ursula Hess for Culture and Emotion Perception session, and Jeanne Tsai, Jose Soto, Yukiko Uchida, and Will Tsai for Cultural Fit of Emotions session.

For more information, please visit our pre-conference website at <https://cepreconference.wiscweb.wisc.edu>

9:00 a.m.-4:00 p.m. .... Burroughs

#### Pre-Conference #2: Positive Emotions

Organizer:

Lisa Williams, University of New South Wales

Location: Westin Boston Waterfront Hotel

The Sixth Annual SAS Positive Emotions Pre-Conference will feature state-of-the-science research on positive emotions. The Positive Emotions Pre-Conference is designed to bring researchers together from a variety of fields to advance the science of positive emotions using a data-centric approach. We encourage thinking, discussing, and integrating across

disciplines, and feature speakers who range across research lab traditions to promote diversity in positive-emotion research. This year's pre-conference will feature talks showcasing the latest findings in the field and ample opportunities for collaborative discussions and for attendees to connect with one another. The day will culminate with a panel session with Barbara Fredrickson, Judy Moskowitz, and Paula Niedenthal, who will discuss, and perhaps debate, the future of the field.

For more information, please visit our pre-conference website at <https://sites.google.com/view/2019sasposemo/home>

9:00 a.m.-4:00 p.m.

**Pre-Conference #3: Emotion Regulation**

Organizers:

James Gross, Stanford University  
Brett Ford, University of Toronto  
Gal Sheppes, Tel Aviv University

Location: Off site at the Boston Convention Center (Room 156A)

The Emotion Regulation Pre-Conference will feature emotion regulation research from various disciplines and topics, consider emotion regulation from different perspectives, and share exciting new findings and methods. It will feature a range of formats from short talks to panel discussions to breakout groups. All presentations will be invited. Our goal is to have fun, build connections among those interested in emotion regulation (faculty, post-docs, students), and share ideas about new directions in emotion regulation research.

For more information, please visit our pre-conference site at <https://www.sasemotionregulation.com/>

9:30 a.m.-4:00 p.m. (SOLD OUT)

**Pre-Conference #4: From the Ivory Tower to Industry: Emotion and Decision Making Across the Life Span**

Sponsored by Fidelity Investments

Organizers:

Joe Mikels, DePaul University  
Andy Reed, Fidelity Investments

Off site at Fidelity Headquarters (245 Summer Street, register in the lobby)

This pre-conference will focus on advancing discussions in emerging areas of decision-making research between the academic, public, and private sectors. We will highlight novel approaches currently being taken in the field, and encourage cross talk between those in the public and private sectors to share insights and spark collaborations across the public-private divide. The pre-conference will involve several panels covering cutting-edge perspectives on affective science and decision making, including the role of emotion in health and well-being

across the life span, risk and financial decision making with attention to applied directions, and the promise and pitfalls of public-private partnerships. Invited speakers include Barbara Fredrickson, Richard Lucas, Ellen Peters, Elizabeth Phelps, Jennifer Lerner, and Eric Johnson. There will be ample time throughout the day for networking and potential collaboration.

1:00 p.m.-5:00 p.m. . . . . Independence Board Room

**Speaker Ready Room**

1:00 p.m.-6:30 p.m. . . . . Griffin

**Student Lounge**

4:30 p.m.-4:35 p.m. . . . . Harbor Ballroom

**Opening Remarks**



Robert W. Levenson  
University of California, Berkeley, and  
SAS President

4:35 p.m.-6:00 p.m. . . . . Harbor Ballroom

**Trajectories, Transitions, and Turning Points**

Moderator: Ann Kring, University of California, Berkeley

Speakers:



*How I Got to Appraisal Theory*  
Phoebe Ellsworth, University of Michigan,  
Ann Arbor



*Touching Decisions*  
Valeria Gazzola, Netherlands Institute for  
Neuroscience



*A Career in Three Ups: Showing Up, Following Up, and Downs and Ups*  
Robert W. Levenson, University of California,  
Berkeley



6:00 p.m.-6:15 p.m. . . . . Harbor Ballroom

**Poster Spotlight Session A**

Moderator: Rachael Jack, University of Glasgow

*Status-alignment Effects on Physiological Linkage in Student-Tutor Interactions*

Oana Dumitru, New York University

*Individual Differences in Inhibitory Control are not Related to Emotion Regulation*

Anne Gärtner, Technische Universität Dresden

*Aging Bodies, Aging Emotions: Interoceptive Differences in Emotion Representations and Self-report Across Adulthood*

Jennifer K. MacCormack, University of North Carolina, Chapel Hill

*Income Predicts Minority Children's Learning of Educational Details But Not Gist Information After a Negative Emotional Experience*

Parisa Parsafar, University of California, Riverside

*Signs of Psychosis Risk: Thin Slices of Altered Emotional Behavior in Youth at Clinical High Risk for Psychosis*

Jordyn Ricard, Northwestern University

*Innate Turtle Fear? Monkeys' Affective Reactivity to Live Animals is Inconsistent with Common Evolutionary Hypotheses*

Anthony Santistevan, University of California, Davis

*Acetaminophen Reduces the Sensitivity of Macaque Anterior Cingulate Neurons to the Valence of Decision Outcomes*

Kalamveetil-Meethal Sharika, University of Pennsylvania

6:15 p.m.-7:30 p.m. . . . . Galleria Hall

**Poster Session A and Opening Reception**

8:00 p.m.-10:00 p.m.

**SAS Student Social**

This year's SAS Student Social will be held from 8:00 p.m.-10:00 p.m. at Barlow's (241 A Street, Boston). There will be fun, snacks, and free drinks for the first 20 attendees—and for the winners of our first-ever Student Social bingo game! Barlow's is a 10- to 15-minute stroll from the Westin Boston Waterfront. Meet in the main lobby starting around 7:45 p.m. to walk with us, or turn up at your leisure!

If you want a last hurrah with fellow students, join us for an impromptu brunch and (weather pending) walking tour on Sunday morning, March 24. Contact Katie Hoemann (khoemann@gmail.com) if you're interested.

**Friday, March 22, 2019**

8:00 a.m.-6:00 p.m. . . . . Harbor Ballroom Foyer

**Registration Open**

8:00 a.m.-5:00 p.m. . . . . Independence Board Room

**Speaker Ready Room**

8:00 a.m.-6:00 p.m. . . . . Griffin

**Student Lounge**

8:45 a.m.-9:45 a.m. . . . . Burroughs

**Attendee Submitted Thematic Flash Talks: Culture**

Moderator: Yuri Miyamoto, University of Wisconsin, Madison

*Perceiving Acculturation From Neutral and Emotional Faces*  
R. Thora Bjornsdottir, University of Glasgow

*The Primacy of Emotion Categories: Uncovering 12+ Cross-Cultural Dimensions of Emotion Evoked by Music and Expressed in the Voice*

Alan S. Cowen, University of California, Berkeley

*Talking With the Hadza: The Everyday Emotional Lives of Hunter-Gatherers in Tanzania*

Katie Hoemann, Northeastern University

*Individual and Cross-cultural Differences in the Perception of Pleasure and Their Influence on Meaning in Life*

Emily K. Hong, Queen's University

*Variability and Universality in Human Emotion Across 1,156 Languages*

Joshua C. Jackson, University of North Carolina, Chapel Hill

*Show Me Your Friends, I'll Tell You Your Emotions: Emotional Acculturation of Immigrant Minority Youth in Cross-Cultural Friendship Networks*

Alba Jasini, University of Leuven

*Culturally Valued Emotional Expressions Increase Loan Success*

BoKyung Park, Boston College

*People From Populations With More Diverse Ancestry Have More Numerous and More Diverse Social Ties: A Social Network Analysis*

Adrienne Wood, Dartmouth College

8:45 a.m.-9:45 a.m. . . . . Douglass, Mezzanine Level

**Attendee Submitted Thematic Flash Talks: Cognitive and Computational Approaches**

Moderator: Rachael Jack, University of Glasgow

*Finding Patterns in Emotional Information: Enhanced Sensitivity to Statistical Regularities Within Negative Information*

Jonas Everaert, Ghent University

*The Role of the Amygdala in Emotional Re-Experiencing During Retrieval*

Jaelyn H. Ford, Boston College

*Individual Differences in the Sensitivity to Contextual Cues During Valence Computation*

M. Justin Kim, University of Hawaii, Manoa

*Changing the Past: Finding Positive Meaning in Past Negative Events Adaptively Updates Memory*

Megan E. Speer, Rutgers University

*Deconstructing Affect Intensity and Variability: An Experience Sampling Study of Affective Dynamics*

Sarah H. Sperry, University of Illinois, Urbana-Champaign

*Integrating Multiple Timescales and Process Models: An Illustrative Application of a Multilevel Ornstein-Uhlenbeck Model to Affect Dynamics*

Julie K. Wood, Pennsylvania State University

*Nonverbal Synchrony as an Adaptation to Social Environments*

Fangyun Zhao, University of Wisconsin, Madison

8:45 a.m.-9:45 a.m. . . . . Harbor Ballroom

**Attendee Submitted Thematic Flash Talks:  
Health and Well-Being**

Moderator: Aric Prather, University of California, San Francisco

*Age Differences in Reappraisal and Suppression Depend on Relational and Emotional Contextual Features of Daily Life Social Interactions*

Lizbeth Benson, Pennsylvania State University

*Always in Flux: Attentional Focus Influences Emotion Regulation Flexibility*

Lameese Eldesouky, Stanford University

*Affect Variability and Predictability: Using Recurrence Quantification Analysis to Better Understand How the Dynamics of Affect Relate to Health*

Brooke N. Jenkins, Chapman University

*Do Positive Emotions Always Lead to Increased Performance? Examining the Unexpected Benefits of Mixed Emotions*

Eirini Kapogli, Universitat Ramon Llull

*Vagal Flexibility Predicts Health and Happiness at 10-Year Follow-Up*

Jared D. Martin, University of Wisconsin, Madison

*Up-Regulation of Love and Positive Emotions: An ERP Study*

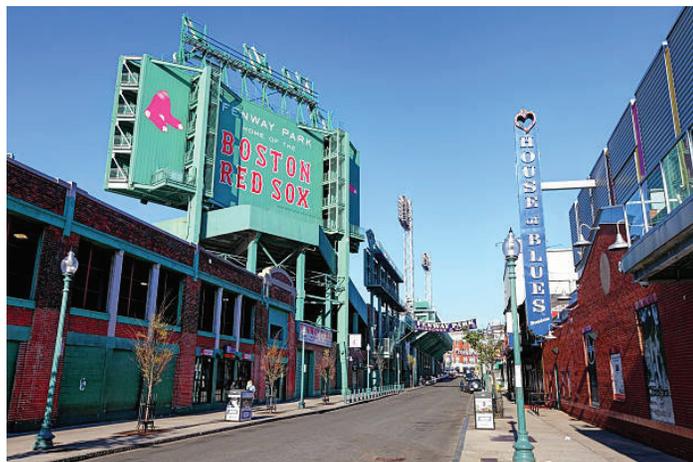
Kruti Surti, University of Missouri, St. Louis

*Do Anger Frequency and Expression Relate to Cause-Specific Mortality Risk in Men?*

Claudia Trudel-Fitzgerald, Harvard T.H. Chan School of Public Health

*Cultural Variations in Valuation of Negative Emotions and Cardiovascular Stress Responses*

Jiah Yoo, University of Wisconsin, Madison



9:30 a.m.-4:00 p.m. . . . . Harbor Ballroom Foyer  
**Exhibits Open**

9:45 a.m.-10:15 a.m. . . . . Harbor Ballroom Foyer  
**Refreshment Break and Visit the Exhibits**

10:15 a.m.-12:00 noon. . . . . Harbor Ballroom  
**TED-Style Talks**

Moderator: David DeSteno, Northeastern University

Speakers:



*The Sadness Trap: How Experiences of Loss Precipitate Future Financial Loss*

Jennifer S. Lerner, Harvard Kennedy School

Slipping into poverty is surprisingly easy and common. Most Americans will spend at least one year below the poverty line at some point

between ages 25 and 75. Although decades of research have identified social, structural, and demographic predictors of poverty, virtually no research has examined ways in which emotion may perpetuate or impede susceptibility to poverty. The present program of research hypothesizes that sadness not only arises from experiencing losses but also perpetuates future financial loss. Drawing on a nascent program of research, I present a series of studies showing that sadness plays a causal and uniquely harmful role in financial decision making, in exacerbating use of addictive substances, and, consequently, in reducing household wealth. Indeed, sadness may be an as-yet unrecognized perpetuator of poverty traps. In concluding, I address both theoretical and practical implications.



*Emotion and Social Robots*

Cynthia Breazeal, Massachusetts Institute of Technology



*Creating an Emotion Revolution in Our Nation's Schools*

Marc Brackett, Yale University

Emotions Matter. They inform our thinking and decisions, the quality of our relationships, our physical and mental health, our creativity, and everyday performance. The skills of emotional intelligence, including the ability to recognize, understand, label, express, and regulate emotions, are especially important for optimum development. In this presentation, I will discuss our Center's basic and applied research on emotions and emotional intelligence and provide an overview of our evidence-based, systemic approach to social and emotional learning, RULER, which has been adopted by over 2000 schools around the world. RULER involves training for school leaders, teachers and staff, students and families with the goal of shifting all stakeholders' mindsets ("emotions matter"), skills (emotional intelligence), and both classroom and school climate (greater warmth and more positive relationships). Research shows that RULER enhances student, teacher, and classroom outcomes.

12:00 noon-1:30 p.m.

**Lunch Break** (on your own)

12:00 noon-1:30 p.m. . . . Executive Boardroom, Mezzanine Level

**Executive Committee Meeting**

1:30 p.m.-2:45 p.m. . . . Harbor Ballroom

**Invited Flash Talks**

Moderators: James Gross, Stanford University  
Amitai Shenhav, Brown University



*Parental Burnout: A Flash Overview*  
Moira Mikolajczak, University of Louvain,  
Belgium

Parental burnout is a specific syndrome resulting from enduring exposure to chronic parenting stress. The topic of parental burnout has only recently become the subject of scientific interest, but the literature literally boomed in 2018. A cross-cultural study involving 45 countries around the globe is currently in progress. Awaiting the results of this study, we shall flash-summarize in this talk what is currently known about parental burnout and, in so doing, answer seven questions: (1) What is parental burnout? (2) (How) Is it different from job burnout and depression? (3) What is the prevalence of parental burnout? (4) Are men and women equally vulnerable? (5) Why do some parents burn out while others, facing the same stressors, do not? (6) What are the consequences of parental burnout for the parent and (7) for the children? We will show that parental burnout is a serious issue that deserves urgent attention.



*Culture-level Variables Affect Physiological Processes in Groups*  
Tessa West, New York University

Physiological linkage, or the process through which one person's physiology at one time point predicts another person's at a future time point, can provide insight into who is attentive to whom during group interactions. Using a multinational sample of participants from Abu Dhabi, we examine physiological linkage in small mixed-gender groups during a group decision making task. The Gender Development Index (GDI; a measure of gender gaps in three dimensions of human development) of female (but not male) participants' home countries predicts how strongly group members are linked to women during the task. Men show weaker physiological linkage to women from countries higher in gender disparity. For women, the GDI of their fellow female group members does not predict the degree of linkage to those women.



*On Yodas and Spocks: Wise Reasoning Benefits From Emodyversity, Irrespective of Emotional Intensity*  
Igor Grossmann, University of Waterloo,  
Canada

The role of emotions in wise reasoning is not well understood. On the one hand, work on emotional regulation suggests downregulating intense emotions may lead to wiser

reasoning. On the other hand, recognizing and balancing emotions may provide critical insights into life experiences, suggesting an alternative path to wiser reasoning. I test these possibilities via observational, diary, and experimental studies. Testing wisdom nominees and examining individual differences and manipulated wise reasoning consistently showed that emodyversity, rather than downregulated emotional intensity, was associated with greater wisdom. The positive association between emodyversity and wisdom-related characteristics occurred consistently for daily challenges, unresolved interpersonal conflicts, and geopolitical conflicts. In contrast, the relationship between emotional intensity and wise reasoning was less systematic and sometimes positive. Together, these results demonstrate that wise reasoning does not necessarily require uniform emotional downregulation. Instead, wise reasoning can also benefit from a rich and balanced emotional life.



*Happiness and Social Behavior*  
Jordi Quoidbach, ESADE Business School

It is often assumed that there is a robust positive symmetrical relationship between happiness and social behavior: social relationships are viewed as essential to happiness, and happiness is thought to foster social relationships. However, empirical support for this widely held view is surprisingly mixed, and this view does little to clarify which social partner a person will be motivated to interact with when happy. To address these issues, we monitored the happiness and social interactions of over 30,000 people for a month. We found that patterns of social interaction followed the hedonic flexibility principle, whereby people tend to engage in happiness-enhancing social relationships when they feel bad and sustain happiness-decreasing periods of solitude and less pleasant types of social relationships that might promise longer-term payoff when they feel good. These findings demonstrate that links between happiness and social behavior are more complex than often assumed in the positive emotion literature.



*Threat and the Predictive Brain*  
Aprajita Mohanty, Stony Brook University

Most research attributes fast and accurate detection of threatening stimuli in our environment to their automatic or "bottom-up" processing. In the real-world, even before a stimulus arrives, the context or our prior experiences and learning create expectations regarding what stimuli to look for and where to look for them. The changes that happen in the brain prior to a stimulus and how these changes guide perception are well-known in basic cognitive neuroscience research; the current talk applies this knowledge to better understand the neurobiology of threat perception. We will show how cues and contexts indicating threats influence perceptual decision making. Furthermore, we will show how pre- and post-stimulus neural changes in relevant prefrontal, limbic and sensory areas facilitate subsequent threat-

related perception. Given that threat-related perceptual decision-making often occurs in familiar contexts with prior knowledge, research presented in this talk will generate more ecologically pertinent models and hypotheses regarding threat perception.



*Normative Displays of Aggression and Sadness: What Do They Communicate in Negative vs. Positive Contexts?*

Oriana R. Aragón, Clemson University

Expressions that would appear to be sadness (tears, downward turned mouths, and crumpled body postures) and anger (clenched jaws, snarled lips, furrowed brows, and pumped fists) appear in both positive and negative contexts. This flash talk will present recent findings demonstrating that whether in positive or negative contexts, these displays represent and communicate distinct emotional-motivational states. Participants reported that their aggressive expressions in positive and negative contexts, represented positive and negative emotional experiences respectively, imbued with appetitive orientations (restless feelings of wanting to go, move, and accelerate). In contrast, sad expressions, in positive and negative contexts, represented positive and negative emotional experiences respectively, imbued with consummatory orientations (feelings of wanting to pause, stop, and be still). Additionally, participant observers interpreted that aggression displayed in either context signaled appetitive orientations, and sadness displayed in either context signaled consummatory orientations. Implications of these findings for the function of expression will be discussed.



*Temporal Dynamics of Stress Reappraisal in a Naturalistic Academic Context*

Jeremy Jamieson, University of Rochester

Regulating stress responses is a key component of affect regulation, and thus has important implications for emotional and physical wellbeing. One regulatory approach, stress reappraisal, seeks to optimize stress by educating individuals about its adaptive benefits, such that bodily signs of stress (e.g., racing heart) are perceived as coping resources. The research presented here tested the effects of reappraising stress arousal on neuroendocrine responses and academic performance, and examined recursive processes. To do so, students were randomly assigned to receive stress reappraisal or control materials immediately prior to in-class exams. Reappraisal participants exhibited improved neuroendocrine functioning (lower cortisol and IL-6) and exam performance relative to controls. Psychological processes were then measured outside of the classroom. Compared to controls, reappraisal participants reported higher performance approach goals, more adaptive stress appraisals, and more positive and less negative affect. Moreover, psychological processes fed forward to improve subsequent neuroendocrine functioning and academic performance.



*The Reproduction of Social Class in Brief Speech*

Michael W. Kraus, Yale University School of Management

Economic inequality is at its highest point on record and is linked to poorer health and well-being across countries. The forces that perpetuate inequality continue to be studied, and here we examine how a person's position within the economic hierarchy, their social class, is accurately perceived and reproduced by mundane patterns embedded in brief speech. Across five studies we found that as few as seven words spoken out of context were sufficient to discern the social class of speakers at levels above chance accuracy, and that these social class speech patterns in pre-interview conversations are used to judge the fit, competence, starting salary, and signing bonus of prospective job candidates in ways that bias the process in favor of applicants of higher social class. Exploratory analyses reveal the role of affect in this class signaling process.

2:45 p.m.-3:15 p.m. .... Harbor Ballroom Foyer  
**Refreshment Break and Visit the Exhibits**

3:15 p.m.-4:00 p.m. .... Douglass, Mezzanine Level  
**Salon**  
Rosalind W. Picard, Massachusetts Institute of Technology

3:15 p.m.-4:00 p.m. .... Burroughs  
**Salon**  
Tali Sharot, University College London

3:15 p.m.-4:00 p.m. .... Carlton  
**Salon**  
Douglas Mennin, Teachers College, Columbia University

3:15 p.m.-4:00 p.m. .... Lewis  
**Salon**  
Joe Moran, UX Research at Rapid7  
*Joe leads User Research at Rapid7, an information security software company, and will share his experiences about transitioning from academia to industry.*

4:15 p.m.-5:30 p.m. .... Harbor Ballroom  
**Presidential Event on Culture and Emotion: New Research and Timeless Questions**  
Moderator: Robert W. Levenson, University of California, Berkeley  
Speakers:



*Neurobiological Underpinnings of Cultural Norms*

Michele J. Gelfand, University of Maryland, College Park



*Can't We All Belong? Diversity Efforts Can Promote Feelings of Inclusion and Authenticity Across Social Group Lines*

Tiffany N. Brannon, University of California, Los Angeles



*Cultural Differences in Ideal Affect Shape How We Judge and Treat Others*

Jeanne Tsai, Stanford University

Attempts to understand cultural influences on emotion played a major role in launching contemporary affective science. Decades later this area of affective science remains vibrant as researchers continue to grapple with questions concerning processes and mechanisms, social and societal implications, and ways to understand and improve intergroup relationships. This year's SAS Presidential Symposium highlights three research programs that embody the energy, excitement, and creativity of this research area.

Michele J. Gelfand ("Neurobiological Underpinnings of Cultural Norms") uses multiple methods in research that reveals that many cultural differences reflect a simple, but often invisible distinction: the strength of social norms. Tight cultures have strong social norms and little tolerance for deviance, while loose cultures have weak social norms and are highly permissive. She describes these differences and how neuroscience can help us understand the ways in which the strength of social norms becomes "embrained" with important implications for dealing with ecological and historical threats.

Tiffany N. Brannon ("Can't We All Belong?: Diversity Efforts Can Promote Feelings of Inclusion and Authenticity Across Social Group Lines") uses survey and experimental methods with both historically underrepresented (Latino/a/x and African Americans) and non-underrepresented (Asian and White Americans) groups. She finds that, although society is increasingly diverse, within mainstream institutions (e.g., colleges, workplaces) inclusion across social group lines remains fraught with challenges. Her research addresses a question of paramount importance to science and society, namely whether mainstream settings that signal a valuing of diversity (e.g., visibility, support, culturally inclusive curriculum practices) can facilitate inclusive and multicultural benefits across social group lines. She discusses implications of these findings for leveraging diversity efforts to promote institutional belonging, authenticity, and bicultural/multicultural identity advantages.

Jeanne Tsai ("Cultural Differences in Ideal Affect Shape How We Judge and Treat Others") describes a series of studies demonstrating that cultural differences in how people ideally want to feel (their "ideal affect") shape how they judge and treat others. Consistent with previous findings that European Americans value excitement states more than East Asians,

European Americans rate excited (vs. calm) faces as more affiliative (friendly, extraverted) than do East Asians. She describes the neural mechanisms underlying these differences, and the implications these differences have for a range of behaviors, including with whom we share resources and who we hire for jobs.

5:30 p.m.-5:45 p.m. . . . . Harbor Ballroom

**Poster Spotlight Session B**

Moderator: Karen Bales, University of California, Davis

*Ideal Affect Shapes Leadership Choice: European Americans Choose Excited Leaders While Hong Kong Chinese Choose Calm Leaders When Organizations are in Growth*

Lucy Zhang Bencharit, Stanford University

*The Grateful Don't Cheat: Gratitude as a Fount of Virtue*  
Shanyu Kates, Northeastern University

*With a Little Help From My Friends: The Role of Social Proximity in Emotion Regulation*

Carmen Morawetz, Medical University Vienna

*Ecological Controlled Investigation of Facial Expressions in Response to Failure and Achievement*

Larisa Olteanu, University of Haifa

*A Multi-method Investigation of Emotional Reactions to Violations of Honor*

Pooya Razavi, University of Oregon

*Different Varieties of Fear Engage Distinct, Distributed Neural Activation Patterns*

Yiyu Wang, Northeastern University

*Eye Contact Facilitates Shared Attention During Natural Conversation*

Sophie Wohltjen, Dartmouth College

5:45 p.m.-7:00 p.m. . . . . Galleria Hall

**Poster Session B**



## Saturday, March 23, 2019

8:00 a.m.-3:00 p.m. . . . . Independence Board Room  
**Speaker Ready Room**

8:00 a.m.-5:00 p.m. . . . . Griffin  
**Student Lounge**

8:00 a.m.-9:00 a.m. . . . . Lewis  
**Job Marketplace**

8:30 a.m.-4:00 p.m. . . . . Harbor Ballroom Foyer  
**Registration Open**

9:00 a.m.-10:00 a.m. . . . . Burroughs  
**Attendee Submitted Thematic Flash Talks: Interpersonal Emotion**  
Moderator: Tammy English, Washington University in St. Louis

*Empathy in Context: Socioeconomic Status as a Moderator of the Link Between Empathic Accuracy and Marital Satisfaction and Mental Health in Married Couples*  
Emily F. Hittner, Northwestern University

*How Interpersonal Emotion Regulation in Everyday Life Varies Based on Gender: An Experience Sampling Study*  
Daphne Y. Liu, Washington University in St. Louis

*Depth of Information Discussion Impacts Collective Emotion Synchronization*  
Janet V.T. Pauketat, Princeton University

*Are Fathers Important for Falling in Love? Insights From the Socially Monogamous Prairie Vole*  
Forrest D. Rogers, University of California, Davis

*Profiles in Empathy: Different Empathic Responses to Emotional and Physical Suffering*  
Jennifer E. Stellar, University of Toronto

*A Brief Intervention to Build Empathy in Middle School*  
Erika Weisz, Harvard University

*Neurodegenerative Disease Caregivers' 5-HTTLPR Genotype Moderates the Effect of Patients' Empathic Accuracy Deficits on Caregivers' Ill-Being*  
Jenna L. Wells, University of California, Berkeley

*The Presence of Another Person and Affiliative Touch Modulate Evaluations of Affective Images Differentially*  
Tanja S.H. Wingenbach, Mackenzie Presbyterian University

9:00 a.m.-10:00 a.m. . . . . Douglass, Mezzanine Level  
**Attendee Submitted Thematic Flash Talks: The Brain, Body, and Affect**  
Moderator: Luke Chang, Dartmouth College

*Effects of Chronic Intranasal Oxytocin on Social Behavior, Anxiety, and Cerebral Glucose Uptake in Juvenile Titi Monkeys*  
Rocio Arias Del Razo, University of California, Davis

*Top-Down Influences on the Neural Representation of Facial Emotion Perception*  
Jeffrey A. Brooks, New York University

*Affect-, Value-, and Control-Related Brain Responses Predict the Efficacy of Persuasive Messages*  
Bruce P. Dore, University of Pennsylvania

*The Dissociable Roles of the Prefrontal Cortex and Amygdala in Processing Uncertainty*  
Oriel FeldmanHall, Brown University

*Comparing Three Models of Arousal in the Human Brain*  
Hadeel M. Haj Ali, Haifa University

*High Frequency Heart Rate Variability Moderates Sympathetic Nervous System Responses to Eye Contact*  
Ethan G. Harrod, University of Wisconsin, Madison

*Emotion in the Aging Brain: A Neuroimaging Meta-Analysis of Older vs. Younger Adult Emotion*  
Jennifer K. MacCormack, University of North Carolina, Chapel Hill

*Controlling the Uncontrolled: Incidental Experimenter Effects on Physiological Reactivity*  
Katherine R. Thorson, New York University

9:00 a.m.-10:00 a.m. . . . . Harbor Ballroom  
**Attendee Submitted Thematic Flash Talks: Psychopathology and Stress**  
Moderator: Kristen Lindquist, University of North Carolina, Chapel Hill

*Acute Cortisol Administration Normalizes Negatively Biased Memory Formation in Depression*  
Heather C. Abercrombie, University of Wisconsin, Madison

*Positive and Negative Affect During Social Situations in Schizotypy*  
Kathryn L. Hardin, Indiana University—Purdue University Indianapolis

*To Be Afraid, or Not to Be Afraid: Preferences for and Outcomes of Fear in Avoidance Goals*  
Yuen Wan Ho, Chinese University of Hong Kong

*Cognitive and Emotional Empathy: Relationships With Caregiver Mental Health*  
Alice Y. Hua, University of California, Berkeley

*Amygdala Volume Mediates the Effect of Cumulative Lifetime Severe Stress Events on Diurnal Cortisol Slope in Older Adults*  
Stacey M. Schaefer, University of Wisconsin, Madison

*The Development of Worry and Cognitive Biases in Adolescents: A Longitudinal Study*  
Annabel Songco, University of Oxford

*Communication of Facial Affect During Mother-Child Interactions as a Potential Mechanism of the Intergenerational Transmission of Suicide Risk*  
Aliona Tsydes, Binghamton University

*Avoidance of Cognitive Effort During a Cognitive Training Task in Depression*  
Chelsea Wood-Ross, Queen's University

9:30 a.m.-4:00 p.m. . . . . Harbor Ballroom Foyer

**Exhibits Open**

10:00 a.m.-11:30 a.m.  
(coffee available to all attendees 10:00 a.m.-10:30 a.m. in Harbor Ballroom Foyer)

**Networking Events: Methods Event & Speed Networking Event**

10:00 a.m.-11:30 a.m. . . . . Marina Ballroom IV, Lobby Level

**Methods Event (Sold Out)**

Organized by:

Tammy English, Washington University in St. Louis  
Luke Chang, Dartmouth College

In affective science, our questions (“the what”) and methods (“the how”) are deeply intertwined. The Methods Event offers an opportunity to focus on the “how” in a structured small-group setting. Discussion leaders will draw on their expertise to introduce and summarize selected methodologies and then will facilitate dialogue within the small group. Topics range from tools used in the laboratory to those used in the field. They will include well-established methods and experimental innovations. The Methods Event is meant to help you to expand, refine, or rethink your methodological toolkit, whatever your career stage.

**Translational and Comparative Affective Science: The Power of (Nonhuman) Animal Models**

Eliza Bliss-Moreau, University of California, Davis

Dr. Bliss-Moreau will discuss how science conducted with nonhuman animals can inform a wide variety of questions in affective science. This methods session will also include how to determine which animal models are appropriate for which types of questions, and the types of methods and behavior that are commonly employed by labs that work with nonhuman animals.

**Bayesian Approaches to Modeling Cognitive and Neural Dynamics**

Jeremy Manning, Dartmouth College

The ongoing stream of people’s internal dialogues and mental states (i.e., moment-by-moment thoughts, feelings, emotions, etc.) cannot be directly measured. Nevertheless, psychologists often hope to gain insights into these hidden mental processes. In this methods session Dr. Manning will provide an introduction to Bayesian approaches to studying the dynamics of our mental states and how our brains support them.

**Data-driven Approaches in Social Psychology and its Neuroimaging**

Phillippe Schyns, University of Glasgow

Dr. Schyns will showcase cutting-edge, data-driven methods that can be used to understand social signals and their processing in the brain using simple computations. This session will also illustrate how these methods can be surprisingly powerful to discover new patterns in data that, in turn, can enrich theories.

**Behavioral Methods in the Context of Affective Science**

Michael Kraus, Yale University

Links between behavior and affect are complex and multifaceted. In this methods session, Dr. Kraus will discuss practical tradeoffs and best practices in behavioral approaches to affect. Topics will include experimental design and the measurement of behavior in the lab and field.

**Computational Psychiatry**

Alan Anticevic, Yale University

In this methods session, Dr. Anticevic will discuss how computational approaches can be used to improve clinical treatments and diagnoses. He will present examples of how these methods are facilitating novel ways to characterize behavior and brain activity and their potential as biological markers of mental illness.

**Modeling Interpersonal Emotion Dynamics**

Emily Butler, University of Arizona

Dr. Butler will introduce attendees to a new R package, *rties*, that makes it (relatively) easy to model interpersonal emotion dynamics, including between-partner emotional co-ordination, co-regulation and co-dysregulation. This methods session will cover: 1) a theoretical introduction to the topic; 2) an overview of *rties* capability; and 3) a worked example.

**How to Use Twitter to Study Emotion**

Nick Obradovich, MIT Media Lab

The Twitter Public API provides one of the best resources for the high-resolution study of human sentiment (and possibly emotion). In this methods session, Dr. Obradovich will discuss the use of Twitter in affective science, including how to access the data, what Twitter data can provide to the study of emotion, and, importantly, what limitations are present with Twitter as a data source.

**Mobile and Ubiquitous Emotion Sensing**

Akane Sano, Rice University

How can we measure emotion in daily life settings and what do we need to be careful about? Dr. Sano will discuss mobile and ubiquitous emotion sensing and recognition in our daily life settings. The topic includes emotion measurement using wearable sensors, mobile phones, camera, and wireless signals, the underlying challenges and applications.

## Psychophysiological Recording

Sarah Holley, San Francisco State University  
Virginia Sturm, University of California, San Francisco

Dr. Holley and Dr. Sturm will provide an introduction to the core physiological systems that are most relevant to human affective science research. Ideally, you will leave the event with a sense of the autonomic measures most relevant to your research questions, as well as an understanding of the practical considerations related to utilizing these methods in your work. All levels of expertise and experience welcomed.

10:00 a.m.-11:30 a.m. . . . . Marina Ballroom I, Lobby Level

### Speed Networking Event (Sold Out)

Organized by:

Amitai Shenhav, Brown University

Mike Norton, Harvard University

The Speed Networking Event will provide attendees the opportunity to interact with several leaders in the field of affective science, briefly and in an informal setting. Each networking event attendee will get to meet one-on-one with several of these mentors. This meeting will give mentees an opportunity to introduce themselves and ask the mentor questions related to their research, career advice, or any other burning questions they have. Each of these meetings will last around five minutes, after which mentees will rotate to meet with another host.

Faculty and industry hosts will include: Lauren Atlas (NIH), Lisa Barrett (Northeastern University), David DeSteno (Northeastern University), Phoebe Ellsworth (University of Michigan), Alan Fiske (University of California, Los Angeles), Dan Foti (Purdue University), Elaine Fox (Oxford University), Valeria Gazzola (Netherlands Institute for Neuroscience), Jordi Quoidbach (ESADE Business School), Ann Kring (University of California, Berkeley), Jennifer Lerner (Harvard Kennedy School), Bob Levenson (University of California, Berkeley), Kristen Lindquist (University of North Carolina, Chapel Hill), Terry Maroney (Vanderbilt University), Kateri McCrae (University of Denver), Batja Mesquita (University of Leuven), Michael Norton (Harvard Business School), Kevin Ochsner (Columbia University), Tali Sharot (University College London), Leah Somerville (Harvard University), Jeanne Tsai (Stanford), Heather Urry (Tufts University), Tessa West (New York University).

11:30 a.m.-1:00 p.m.

### Lunch Break (on your own)

1:00 p.m.-2:00 p.m. . . . . Harbor Ballroom

### American Psychosomatic Society-SAS Joint Session

#### The Vital Role of Affective Science in Medicine

Moderator: Aric A. Prather, University of California, San Francisco

Speakers:



*Affective Processes as Risk Mechanisms and Intervention Targets in Medical Contexts*  
Richard D. Lane, University of Arizona



*Two to Make it True? Systematically Testing a Purported Affective Neural Correlate of Cardiovascular Disease Risk*

Peter J. Gianaros, University of Pittsburgh



*How Expectations and Aversion Learning Influence Pain, Clinical Outcomes, and Affective Experience*

Lauren Atlas, National Center for Complementary and Integrative Health



Discussant: Robert W. Levenson, University of California, Berkeley

Affective processes are intimately linked with homeostatic mechanisms and as such there are many natural, though largely unexplored, linkages between affective science and biopsychosocial (psychosomatic) medicine. This symposium aims to explore areas where the research interests of the American Psychosomatic Society (APS) and the Society for Affective Science (SAS) intersect and where cross-fertilization of concepts and methods could advance interdisciplinary research on emotions and health. First, Dr. Lane will provide an overview of the mission and scientific aims of APS and will identify areas where mechanistic research in mind-body medicine could benefit greatly from an infusion of talent and expertise from SAS. Dr. Atlas and Dr. Gianaros will then provide illustrative examples with a particular focus on neuroimaging methods. The symposium will conclude with comments from the discussant, Dr. Levenson.

2:00 p.m.-2:15 p.m. . . . . Harbor Ballroom

### Poster Spotlight Session C

Moderator: Claudia Haase, Northwestern University

*Seek Context or Confirm Your Bias: The Importance of Emotion Regulation in Avoiding Confirmation Bias Behavior in Political Discourse*

Michael A. Brunswick, University of North Carolina, Charlotte

*Cultural Differences in Attentional Bias to Threat Stimuli Under Stress*

Steph J.H. Choi, University of Wisconsin, Madison

*Negative Emotion Networks and Real-time Suicide Risk*

Daniel D.L. Coppersmith, Harvard University

*Emotional Dynamics on Social Media Vary by Culture: The Role of Ideal Affect*

Tiffany W. Hsu, Stanford University

*Age Differences in Spatial Attention to Arousing Emotional Stimuli*

Kathryn L. Ossenfort, Northeastern University

*FMRI Patterns Do Not Necessarily Correspond One-to-One to Emotion Category Labels*

Christiana Westin, Northeastern University

*Neural Mechanisms by Which Contextual Learning Guides Threat Detection*

Xian Zhang, Stony Brook University

2:15 p.m.-3:00 p.m.....Carlton

**Salon**

Jeanne Tsai, Stanford University

2:15 p.m.-3:00 p.m.....Burroughs

**Salon**

David DeSteno, Northeastern University

2:15 p.m.-3:00 p.m.....Lewis

**Salon**

Michelle "Lani" Shiota, Arizona State University

2:15 p.m.-3:00 p.m.....Douglass, Mezzanine Level

**Salon**

Heather Urry, Tufts University

3:00 p.m.-4:15 p.m.....Galleria Hall

**Poster Session C**

4:15 p.m.-6:00 p.m.....Harbor Ballroom

**TED-Style Talks**

Moderator: Lisa Feldman Barrett, Northeastern University

Speakers:



*Shedding a Bright Light of Information Processing on the Black Box of Brain Activity (and Deep Networks)*

Phillippe Schyns, University of Glasgow

Cognitive neuroscience is now at an important juncture. With the increasing availability of sophisticated tools to measure brain activity, from few neurons to their large populations, the promise of the field is now to explain where, when and how the brain realizes the cognitive mechanisms that produce behavior. However, this promise could remain just that unless we address the considerable challenge of translating high-dimensional dynamic brain activity into a set of understandable information processing mechanisms that produce behavior. To achieve this, I will present a new data-driven framework that sheds this much-needed bright light of information processing on the black box of brain activity



(and Deep Networks).

*Kama Muta: The Connecting Emotion*

Alan Page Fiske, University of California, Los Angeles

When a communal sharing relationship suddenly intensifies, people feel kama muta. English-speakers may label this being moved, touched, having a heart-warming experience, nostalgia, pride, patriotism, team spirit, being touched by the Spirit, etcetera – or may have no name for it when being licked by a kitten. Some languages, such as Hindi-Urdu, have no accessible name for the emotion. People experiencing kama muta may have a 'warm' feeling 'in the heart', be choked up, have moist eyes or tears, have goosebumps or chills, feel buoyant, say awww!, or put their hand to their heart. In itself it is always a positive emotion that people like to experience together or give to others. It motivates devotion and commitment to communal sharing relationships that are crucial for survival and well-being. Cultures have many practices, arts, and artifacts that function to evoke it and are valued and have culturally evolved because they do.



*To Know or Not to Know: The Link Between Curiosity, Affect, and Mental Health*

Tali Sharot, University College London

Curiosity is a fundamental part of human nature. Indeed, people spend a substantial amount of time actively pursuing knowledge, for example by asking questions, reading or conducting online searches. But how do people decide what they want to know and what they would rather not know? In this talk I will present our framework for understanding how people decide whether to seek information. One key component is whether the information is likely to produce a positive or negative affective response. This influence of valence on information-seeking is captured by brain regions along the dopamine reward pathway. The findings yield predictions about information-seeking behavior in disorders in which the dopamine system malfunctions. We have begun to test these predictions, aiming to use measures of information-seeking to facilitate early detection, monitoring and treatment selection for psychopathology.

6:00 p.m.-6:15 p.m.....Harbor Ballroom

**Closing Ceremony and Passing the Gavel to the New President**

Robert W. Levenson, 2018-19 President

Paula Niedenthal, 2019-20 President

6:15 p.m.-7:15 p.m.....Harbor Ballroom Foyer

**Closing Reception**



## Executive Committee

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Paula Niedenthal, President-elect  
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Tammy English, Washington University in St. Louis

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Yuri Miyamoto, University of Wisconsin, Madison

Maital Neta (Pre-Conference Coordinator), University of Nebraska, Lincoln

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## Special Projects

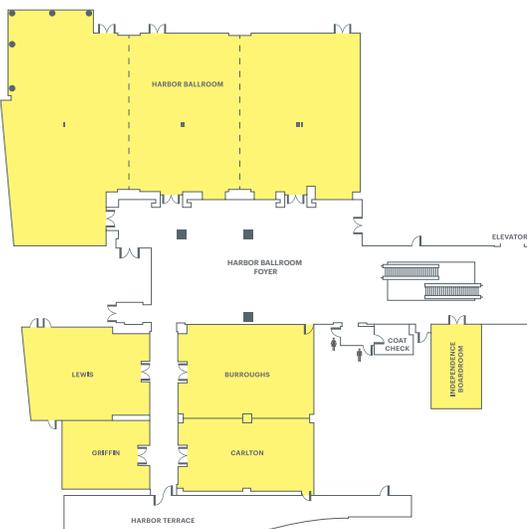
### New Website

Lisa Williams, UNSW Sydney

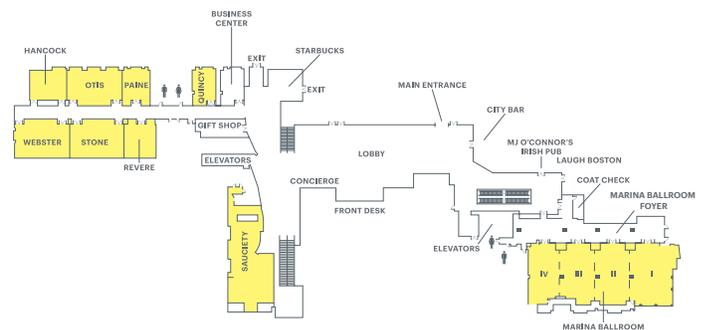
Peter Sokol-Hessner, University of Denver

## Westin Boston Waterfront Hotel Meeting Room Floor Plans

### Harbor Level



### Lobby Level



### Mezzanine Level

