



# American Psychosomatic Society

*Integrating mind, brain, body and social context in medicine since 1942*

## 76<sup>th</sup> Annual Scientific Meeting

*Optimizing Health and Resilience in a Changing World:  
Celebrating 75 Years of the American Psychosomatic Society*  
March 7-10, 2018 – Louisville, Kentucky

### WEDNESDAY, MARCH 7

7:00am – 6:00pm

**Registration**  
*Room: Regency Foyer*

7:45am – 12:30pm

**Young Investigator Colloquium**  
**Diversity Travel Scholars Program**  
**MD Travel Scholars Program**  
*(by invitation only)*  
*Room: Keeneland*

8:00am – 12:00pm

**APS Council Meeting**  
*Room: Oaklawn*

9:00am – 12:30pm

**Morning Workshop**

**Advances in Research Measurement: Updates, Insights, and Resources from the NIH Science of Behavior Change Program and Stress Measurement Network**  
Faculty: *Lisbeth Nielsen, PhD, Eric Loucks, PhD, Aric Prather, PhD, Jennifer Sumner, PhD, Alexandra Crosswell, PhD, Paige Green, PhD, MPH*  
*Room: Park Suite*

1:00pm – 4:30pm

**Afternoon Workshops**

**Cutting Edge Education: The Intersection of Neurocognitive Function and Cardiometabolic Health**  
*developed by the APS Professional Education Committee*  
Co-chairs: *Misty A.W. Hawkins, PhD, Dianne Lattemann, PhD, Tasneem Khambaty, PhD*  
Faculty: *Andreana Haley, PhD, Shari Waldstein, PhD, Catherine Davis, PhD*  
*Room: Churchill Downs*

**What to do in a post  $p < .05$  World? The New Statistics, Reproducibility, and Beyond**  
Faculty: *Julian F. Thayer, PhD*  
*Room: Kentucky Suite*

4:45pm – 6:00pm

**Welcome and Opening Session**

Recipients of the 2018 APS awards will be recognized and the Society's Distinguished Scientist Award will be presented.

**Distinguished Scientist Award Lecture:**  
**Psychological Stress, Social Relations, and Health**  
Introduction: *Thomas Kamarck, PhD*  
Speaker: **Sheldon Cohen, PhD**, *Carnegie Mellon University*  
*Room: Regency Ballroom North*

6:00pm – 7:00pm

**Plenary Address**

**The Temporal Elements of Psychological Resilience**  
Introduction: *Judith Moskowitz, PhD*  
Speaker: **George A. Bonanno, PhD**  
*Room: Regency Ballroom North*

7:00pm – 7:30pm

**New Member Welcome**  
*Room: Churchill Downs*

All new, prospective and curious APS members are encouraged to come to this meet and greet before heading to the Citation poster session. The APS Membership Committee and "experienced" APS members will be on hand to greet you and answer any questions you may have about the meeting or about APS. This is a great opportunity to kick off the meeting by connecting with members new and old, and experiencing the welcoming culture of APS.

7:00pm – 8:30pm

**Citation Poster Reception**  
Posters #1-29 will be presented  
*Room: Regency Ballroom South*

8:30pm – 9:30pm

**Student Reception**

Students and Trainees are invited to this event but must be registered. Please visit the APS Registration Desk before 5:00 pm to attend. **Note: this event is offsite**

### THURSDAY, MARCH 8

7:00am – 8:00am

**Breakfast and Registration**  
*Room: Regency Foyer*

7:00am – 6:00pm

The hotel will provide towels that can be used as mats.

7:00am – 6:00pm

**Share Your Thoughts**  
*Room: Oaklawn*

7:00am – 8:00am

**75th Anniversary Videos**  
*Room: Conference Theater*

An historical video compilation will be shown each morning.

In honor of APS's 75th Anniversary, you're invited to interview your colleagues or share your stories about the field of psychosomatic medicine and APS. We'll have suggestions for questions to start conversations, so grab a friend and record your thoughts using our equipment or your own cell phone. Chances are you'll be part of APS's 100th Anniversary!

7:00am – 8:00am

**Wellness Session: Yoga**  
Instructor: *Kristen Salomon, PhD*  
*Room: Derby*

**7:00am – 8:00am**      **Membership Committee Meeting**  
*Room: Churchill*

**Professional Education  
Committee Meeting**  
*Room: Downs*

**8:00am – 8:15am**      **DATA BLITZ**  
*Room: Regency Ballroom North*

Each morning, we'll be kicking off the day with a data blitz. Be sure to come early and learn about some of our most exciting trainee poster presentations of the day in fast-paced 2 minute talks! Thursday presenters include: Avital Fischer, BSc, Jill Hahn, MS, Karen Jakubowski, MS and Phoebe Lam, BA. We'll also feature a short video highlighting our past leaders interview series in honor of the APS 75th Anniversary Celebration.

**8:15am – 9:15am**      **Plenary Address**

**Racism, Resilience and Health: Evidence and Needed Research**

Introduction: *Tené Lewis, PhD*  
Speaker: **David R. Williams, PhD**  
*Room: Regency Ballroom North*

**9:15am – 9:30am**      **Break**

**9:30am – 10:30am**      **Concurrent Sessions**

**Invited Symposium: Promoting Psycho-Physiological Resilience In The Face Of Discrimination**

Moderator: *Julian Thayer, PhD*  
Speakers: *Jonathan Cook, PhD, Tené Lewis, PhD, Robert Paul Juster, PhD*  
*Room: Regency Ballroom North*

**Paper Session: PSYCHOLOGICAL WELLBEING**

Chair: *Peter Shapiro, MD*  
*Room: Keeneland*

1400 / Meaning In Life Predicts Survival Over 17 Years In HIV  
**Gail Ironson, MD, PhD**

1340 / Eudaimonic Well-Being At One Year Post-Diagnosis Is Related To Longer Survival In Epithelial Ovarian Cancer Patients  
**Susan K. Lutgendorf, PhD**

1235 / The Role of Self-Compassion in a Stress-Health Pathway  
**Allison Hicks, BA**

1045 / Changes In Spirituality, Distress, And Quality Of Life Among Lung Cancer Survivors  
**Lisa Gudenkauf, PhD**

**Paper Session: IMMUNOLOGY**

Chair: *Aric Prather, PhD*  
*Room: Park Suite*

1066 / The Dynamics Of Stress, Cytomegalovirus, And Immunosenescence In A Longitudinal Study Of Older Adults  
**Rebecca G. Reed, PhD**

1242 / Church Attendance And Cellular Immune Function Among Bereaved And Non-Bereaved Adults  
**Luz M. Garcini, PhD, MPH**

1063 / Socioeconomic Disadvantage In Early Childhood, But Not Adulthood, Predicts Accelerated Epigenetic Aging Of Monocytes  
**Makeda K. Austin, BS**

1226 / Loneliness, Herpes Virus Reactivation, And Leukocyte Telomere Length: Heart Rate Variability Promotes Resilience In A Novel Pathway To Accelerated Aging  
**Stephanie J. Wilson, PhD**

**Paper Session: CARDIOVASCULAR REACTIVITY**

Chair: *Nataria Joseph, PhD*  
*Room: Gulfstream/Hialeah*

1085 / Recurrent Daily Life Social Conflict Is Associated With Subclinical Atherosclerosis, But Only For Stress-Reactive Individuals: An Internal Replication Using Ambulatory Monitoring Methods  
**Thomas W. Kamarck, PhD**

1544 / Early Life Adversity And Cardiovascular Reactivity And Recovery: Considering The Contributions Of Temperament  
**Stacey N. Doan, PhD**

1072 / The Effects Of Mutual Support With Health Concerns On Cardiovascular Reactivity In Mid And Late Life Marriage  
**Joan Monin, PhD**

1279 / Individual Differences In Cross-System Physiological Arousal And Stress Reactivity, A Latent Class Analysis - The PheMore Study  
**Nina Kupper, PhD**

**Paper Session: BEHAVIORAL & PSYCHOLOGICAL RANDOMIZED CONTROLLED TRIALS IN DISEASE**

Chair: *Linda Carlson, PhD*  
*Room: Conference Theater*

1469 / ACTIB (Assessing Cognitive Behavioural Therapy In Irritable Bowel): A Randomized Controlled Trial Of Clinical And Cost Effectiveness Of Therapist Delivered Cognitive Behavioural Therapy And Web-Based Self-Management In Irritable Bowel Syndrome  
**Rona Moss-Morris, PhD**

1227 / A Randomized Controlled Trial Of Internet-Delivered Cognitive-Behavioral Therapy For Insomnia (ICBT-I) In Women Treated For Breast Cancer - Effects On Sleep Characteristics, Sleep Quality, And Fatigue  
**Robert Zachariae, DMSc**

1496 / Dyadic Yoga Program For Patients With Brain Tumors Undergoing Radiotherapy And Their Family Caregivers: Results Of A Randomized Controlled Trial  
**Kathrin Milbury, PhD**

1437 / The Effects Of Expressive Writing On Salivary Alpha-Amylase And C-Reactive Protein In Cancer Survivors Post-Radiation: Results From The Secondary Physiological Outcomes Of A Two Arm Randomized Controlled Trial  
**Utkarsh Subnis, PhD**

**10:35am – 11:50am Concurrent Sessions****Symposium 1102 / AUTONOMIC CONCOMITANTS OF THE RESILIENT BRAIN**Chair: *Cristina Ottaviani, PhD*Discussant: *Karl Baer, MD***Room: Regency Ballroom North**

1311 / Towards Response Success Prediction: An Integrative Approach Using High-Resolution fMRI and Autonomic Indices  
**Stefanie Koehler, MA**

1443 / Structural And Functional Cerebral Correlates Of Heart Rate Variability: Implications For Resilience  
**Julian Thayer, PhD**

1247 / Structural Integrity Of Anterior Cingulate Cortex Predicts Resilience To Autonomic Dysfunction In Generalized Anxiety Disorder  
**Luca Carnevali, PhD**

1381 / Changes In The Brain Regulation Of Cardiac Vagal Control During Recovery From Depression  
**Richard D. Lane, MD, PhD**

**Symposium 1326 / WOMEN, STRESS AND CARDIOVASCULAR HEALTH**Chair: *Viola Vaccarino, MD, PhD*Discussant: *Susan Girdler, PhD***Room: Gulfstream/Hialeah**

1334 / Sex Differences In The Association Between Child Maltreatment And Cardiometabolic Health Among Young Adults: A National Study  
**Shakira Suglia, ScD**

1335 / Cumulative Midlife Loss And Carotid Atherosclerosis: A Novel Pathway Of Risk For CVD In African-American Women?  
**Tené T. Lewis, PhD**

1337 / Autonomic And Microvascular Response To Mental Stress In Women With Coronary Microvascular Dysfunction  
**Puja K. Mehta, MD**

1336 / Young Women with Coronary Artery Disease Exhibit Greater Concentrations of Interleukin-6 In Response to Mental Stress  
**Samaah Sullivan, PhD**

**Paper Session: CANCER**Chair: *Carissa Low, PhD***Room: Conference Theater**

1294 / One Year After Cancer Screening, Cancer-Related Distress Predicts Greater Inflammation, Pain, And Sleep Problems  
**Alex Woody, PhD**

1167 / Prognostic Significance Of Behavioral Symptoms For Multiple Myeloma Patients Undergoing Autologous Peripheral Blood Stem Cell Transplantation  
**Erin S. Costanzo, PhD**

1441 / Associations Between Daily Affect, Intrusive Thoughts, And Cortisol Levels Among Lung Cancer Patients  
**Kala Phillips, MS**

1033 / Life Stress As A Risk Factor For Sustained Anxiety And Cortisol Dysregulation During The First Year Of Survivorship In Ovarian Cancer  
**Jessica S. Armer, BS**

1404 / Behavioral And Biological Predictors Of Chronic Graft-Versus-Host Disease And Mortality Following Hematopoietic Stem Cell Transplantation  
**Kelly Rentscher, PhD**

**Paper Session: SOCIAL RELATIONSHIPS**Chair: *Wendy Birmingham, PhD***Room: Keeneland**

1077 / Spouses' Discordance On Reported Anger-Coping Response Styles Predict Increased Risk Of Early Mortality 32 Years Later  
**Kyle J. Bourassa, MA**

1018 / Loneliness In Children With Asthma: Links With Symptoms, Family Asthma Management, And Cytokine Regulation  
**Katherine B. Ehrlich, PhD**

1369 / Activating Perceptions of Support Giving Improves Affect and Attenuates Physiological Stress Response in Later Life  
**Diana Wang, BS**

1431 / Can SES Moderate The Association Of Daily Social Support With Daily Stress Appraisals And Diurnal Cortisol?  
**Emily D. Hooker, PhD**

1401 / The Effect Of Social Support Behaviours On Cortisol Reactivity To An Acute Stress Task  
**Kimberly A. Dienes, PhD**

**Paper Session: SOCIOECONOMIC STATUS**Chair: *Julia Boehm, PhD***Room: Park Suite**

1280 / Neighborhood Poverty And Blunted Hemodynamic Response To Stress Among Patients With Coronary Artery Disease  
**Samaah Sullivan, PhD**

1523 / Widening Socioeconomic Inequalities In Child Development: Pathways Across Family Functioning, Social Interactions, And Health Behaviors  
**Meanne Chan, PhD**

1110 / Have Education And Racial Disparities In Cardiovascular Health Increased Following The Great Recession?  
**Jennifer Morozink Boylan, PhD**

1175 / Sociodemographic Disparities In Corticolimbic Structures  
**Danielle Shaked, MA**

1200 / Life Course Socioeconomic Status And Low-Grade Inflammation In Adulthood: A Latent Class Analysis Approach  
**Agus Surachman, MS**

**11:50am – 1:20pm**      **75th Anniversary Videos**  
**Room: Conference Theater**

An historical video compilation will be shown.

**11:50am – 1:20pm**      **Roundtables or Free time**

*Unless previously specified, lunch is not provided at the Roundtables and you should plan to visit a local take-out restaurant. The first 20 minutes of most Roundtables will be devoted to lunch and informal conversation. A list of restaurants within minutes of the hotel is available at the APS Registration Desk.*

**Roundtable #1: Community-Engaged Psychosomatic Medicine Research**

Facilitators: *Ivy K. Ho, PhD, Allyssa McCabe, PhD*  
**Room: Saratoga**

**Roundtable #2: Bootcamp for Burnout**

Facilitators: *Eva Szigethy MD, PhD, Johanna Czamanski-Cohen, PhD ATR, LPC (AZ)*  
**Room: Oaks**

**Roundtable #3: Psycho-oncology**

Facilitators: *Linda Carlson, PhD, Claudia Trudel-Fitzgerald, PhD*  
**Room: Derby**

**Roundtable #4: Trainee & Early Career Investigator Roundtable: Publishing Pros, Practices, and Pitfalls Across Your Career**

Organizers: *Rebecca Reed, PhD, Tasneem Khambaty, PhD, Marie Cross, MA, Ryan Brindle, PhD*  
Facilitators: *Karen Weihs, MD, Lisa Jaremka, PhD, Mary-Frances O'Connor, PhD, Misty Hawkins, PhD, Matthew Muldoon, MD, MPH, Brooke Jenkins, PhD, Janet Tomiyama, PhD*  
**Room: Churchill Downs**

**1:20pm – 2:20pm**      **Concurrent Sessions**

**Invited Symposium: Can (And Should) Resilience Be Raised? Lessons From The Trenches**

Moderator: *Julie Bower, PhD*  
Speakers: *George Bonanno, PhD, Ken Freedland, PhD, Jeff Huffman, MD, Judy Moskowitz, PhD*  
**Room: Regency Ballroom North**

**Paper Session: ISSUES IN PRIMARY CARE**

Chair: *Eva Szigethy, MD*  
**Room: Park Suite**

1049 / Patient-Reported Causes Of Heart Failure In European Patients  
**Ivy Timmermans, MSc**

1028 / Stress Response Profiles For Metabolic Risk Stratification In Primary Care  
**Lawson Wulsin, MD**

1201 / Patient-Physician Communication: Associations With Patient Health Status And Health Care Utilization In The Adult North Carolina Medicaid Population  
**Sara J. Sagui-Henson, PhD**

1148 / Ethnicity And Career Longevity Predict Burnout In Health Care Providers  
**James D. Halbert, PhD**

**Paper Session: OBESITY & WEIGHT LOSS**

Chair: *Janet Tomiyama, PhD*  
**Room: Keeneland**

1530 / Stress And Central Adiposity In A Prospective, Longitudinal Study Of Children At-Risk For Obesity  
**Eloise Fairbank, BA**

1173 / Diet Composition Factors As Candidate Mechanisms Underlying The Depression-To-Future Obesity Association: The Coronary Artery Risk Development In Young Adults (CARDIA) Study  
**Elizabeth A. Vraney, MS**

1333 / Transgenerational Transmission Of Childhood Adversity And Bmi Among Youth In The HCHS/SOL Study  
**Shakira F. Suglia, ScD**

1197 / Use Of VA Weight Loss Program After Evidence Based PTSD Treatment  
**Jeffrey F. Scherrer, PhD**

**2:25pm – 3:25pm**      **Concurrent Sessions**

**Paper Session: PERSONALITY**

Chair: *Daryl O'Connor, PhD*  
**Room: Keeneland**

1001 / Predictive Value Of Type D Personality For Impaired Endothelial Function In Coronary Artery Disease  
**Johan Denollet, PhD**

1044 / Objective Physical Activity Links Trait Conscientiousness To The Metabolic Syndrome  
**Mark C. Thomas, MS**

1250 / Personality As A Moderator Of The Relation Between Childhood Abuse And Body Mass Index In Young Adulthood  
**Shakira Suglia, ScD**

1536/Preliminary Evidence For Associations Between Personality Traits And Polysomnographically-Assessed Sleep Duration And Latency In University Students  
**Katherine Duggan, PhD**

**Paper Session: DISCRIMINATION**


Chair: *Jenny Cundiff, PhD*  
**Room: Gulfstream/Hialeah**


1529 / Lifetime Discrimination Burden, Racism, And Subclinical Cerebrovascular Disease Among African Americans: Handls Scan  
**Danielle L. Beatty Moody, PhD**

1520 / A Quadratic Relationship Between Vagally Mediated Heart Rate Variability And Perceived Ethnic Discrimination  
**DeWayne P. Williams, PhD**

1390 / Perceived Discrimination And Ambulatory Cardiovascular Activity In Healthy Midlife Adults: The Role Of Systemic Inflammation  
**Kimberly G. Lockwood, MS**

1499 / Discrimination, Social Cognition, And Health  
**Elizabeth Brondolo, PhD**

 **Symposium 1031 / CHRONOBIOLOGY MEETS PSYCHOPHYSIOLOGY: REVISITING CIRCADIAN RHYTHMS UNDERLYING 24-H AMBULATORY DATA**  
 Co-Chairs: *Jennifer J. McGrath, PhD MPH, Marc Jarczok, PhD*  
 Discussant: *Nina Kupper, PhD*  
**Room: Park Suite**

 1522 / Circadian Pattern Analysis Of Psychophysiological Data: History Repeats Itself  
**Jennifer J. McGrath, PhD MPH**

1359 / Reference Ranges Of Circadian Variation Parameters Of Cardiac Autonomic Modulation In Healthy Employees: The Mannheim Industrial Cohort Studies  
**Marc N. Jarczok, PhD**

1491 / Heart Rate Variability And Perceived Stress In Children: Comparison Of Traditional Versus Circadian Measures  
**Jennifer J. McGrath, PhD MPH**

**Symposium 1276 / TROUBLED MARRIAGES TAKE A TOLL: MARITAL CONFLICT-RELATED ALTERATIONS IN THE SYMPATHETIC AND PARASYMPATHETIC NERVOUS SYSTEMS, INFLAMMATORY RESPONSES, AND THE GUT MICROBIOME**  
 Chair: *Janice K. Kiecolt-Glaser, PhD*  
 Discussant: *Theodore Robles, PhD*  
**Room: Regency Ballroom North**

1424 / Is It Me Or You? Associations Of Actor And Partner Behavior With Cardiovascular Reactivity During Marital Conflict  
**Timothy W. Smith, PhD**

1319 / When Couples' Hearts Beat Together: Synchrony In Heart Rate Variability During Conflict Predicts Heightened Inflammation Throughout The Day  
**Stephanie J. Wilson, PhD**

1345 / Marital Distress, Depression, And A Leaky Gut: Translocation Of Bacterial Endotoxin As A Pathway To Inflammation  
**Janice K. Kiecolt-Glaser, PhD**

**3:25pm – 3:40pm      Break**

**3:40pm – 4:55pm      Concurrent Sessions**


**Symposium 1130 / Harnessing Technology To Advance Behavioral Medicine Research**  
 Chair: *Carissa A. Low, PhD*  
 Discussant: *Bruce Rollman, MD*  
**Room: Park Suite**

1131 / Using Passive Smartphone And Wearable Sensors To Estimate Patient-Reported Stress And Symptoms During Chemotherapy  
**Carissa A. Low, PhD**

1132 / Short-Term Feasibility And Impact Assessments Of An Automated Messaging System For Hypertension Self-Management  
**Matthew F. Muldoon, MD**

1133 / Development And Enhancement Of An Online Positive Affect Skills Intervention For Those Living With Elevated Depressive Symptoms  
**Judith T. Moskowitz, PhD**


1134 / Pain Buddy: An Mhealth Tool That Delivers Pain And Symptom Management Interventions For Children With Cancer  
**John F. Hunter, MA**

 **Symposium 1505 / Resilience In The Face Of Loss: A Biobehavioral Approach**  
 Chair: *Christopher Fagundes, PhD*  
 Discussant: *George Bonanno, PhD*  
**Room: Keeneland**

1512 / Bereavement Promotes Inflammation And Reduces Heart Rate Variability  
**Christopher Fagundes, PhD**

1516 / Biobehavioral Processes Underlying Complicated Grief  
**Mary-Frances O'Connor, PhD**

1519 / Bio-Psycho-Social Mechanisms Underlying Marital Separation  
**David Sbarra, PhD**

 1521 / Resilience In The Face Of Loss  
**George Bonanno, PhD**

**Paper Session: NEW DIRECTIONS IN PSYCHOPHYSIOLOGY**  
 Chair: *Marc Jarczok, PhD*  
**Room: Regency Ballroom North**

1429 / Psychological Stress And Mitochondria: A Systematic Review And Conceptual Framework  
**Martin Picard, PhD**

1399 / Socio-Evaluative Stress Selectively Increases Serum Circulating Cell-Free Mitochondrial DNA (CCF-MTDNA)  
**Caroline Trumpff, PhD**

1434 / Physiological And Affective Responses To Stress Are Encoded In Vocal Acoustic Properties  
**Paula G. Williams, PhD**

1461 / Bioelectrical Impedance And All-Cause Mortality Risk In Young Adults  
**Jerrald L. Rector, PhD**

1466 / Beta Adrenergic Blockade Impairs Performance On An Emotional Learning Task  
**Emma L. Armstrong-Carter, BA**

**Paper Session: PHYSICAL ACTIVITY**

Chair: *Gail Daumit, MD*

**Room: Gulfstream/Hialeah**

1472 / Longitudinal Interaction Between Chronic Medical Conditions And Physical Activity On Disability Over Time: Results From MIDUS

**Jerrald L. Rector, PhD**

1026 / Physical Activity During Breast Cancer Survivorship: Does Depression Make Exercise Feel More Effortful Than it Actually Is?

**Avelina C. Padin, MA**

1053 / Smoking And Physical Activity Explain Increased Mortality Risk Following Marital Dissolution: Evidence From The English Longitudinal Study Of Ageing (ELSA)

**Kyle J. Bourassa, MA**

1194 / A Sports Program Improves Adolescent Mental Health Through Resilience And Sleep Quality: A Randomized Controlled Trial

**Frederick K. Ho, PhD**

1043 / Objective Physical Activity Moderates The Association Between Daily Psychosocial Stressors And Ambulatory Blood Pressure Reactivity

**Mark C. Thomas, MS**

**Paper Session: SLEEP**

Chair: *Jude Carroll, PhD*

**Room: Conference Theater**

1076 / Sleep-Related Biomarkers Of Resilience To Posttraumatic Stress Disorder

**Thomas A. Mellman, MD**

1497 / Subjective Sleep Complaints Are Independent Predictors Of Functional Limitations In Aging Adults

**Elliot Friedman, PhD**

1292 / Short Sleep Exacerbates Negative Emotional Responses To Daily Stressors: Evaluation Of Bidirectional, Within-Person Associations

**Nancy L. Sin, PhD**

1159 / Associations Of Actigraphically Measured Daytime Sedentariness And Nighttime Restfulness With Waking And Bedtime Salivary Cortisol Levels

**Chelsea Siwik, BA**

1389 / Daily Affect and Sleep Efficiency in Colorectal Cancer Patients and Their Spouses: A Preliminary Report of Dyadic Effects

**Marcella May, MA**

**4:55pm – 5:30pm**

**Wellness Session:**

**Mindfulness Meditation: Introduction and Practice**

Instructor: *Linda Carlson, PhD*

**Room: Kentucky Suite**

**Developmental Origins of Health and Disease SIG Meeting**

**Room: Gulfstream/Hialeah**

**Diversity Initiative SIG Meeting**

**Room: Churchill**

**Sexual Minority Health SIG Meeting**

**Room: Downs**

**Affect Science SIG Meeting**

**Room: Saratoga**

**5:30pm – 7:00pm**

**Silent Auction to Benefit Louisville's Family Scholar House**  
**Room: Regency Ballroom Foyer**

APS is conducting a silent auction to provide the Society and the attendees an opportunity to give back to the local area by donating to a non-profit that focuses on improving the resiliency of the community. The Family Scholar House was vetted through ratings from charity watchdogs and selected for its mission to end the cycle of poverty and transform the community by empowering families and youth to succeed in education and achieve life-long self-sufficiency.

**5:30pm – 7:00pm**

**Poster Session 1**

Posters #30-84 will be presented.

**Room: Regency Ballroom South**

**7:00pm – 8:30pm**

**Mentor/Mentee Program**

You must have pre-registered for this event to attend. Please check at the APS Registration Desk for additional availability.

**Room: The Spire**

**FRIDAY, MARCH 9**

**7:00am – 8:00am**

**Breakfast and**

**7:00am – 6:00pm**

**Registration**

**Room: Regency Foyer**

**7:00am – 6:00pm**

**Share Your Thoughts**

**Room: Oaklawn**

**7:00am – 8:00am**

**75th Anniversary Videos**

**Room: Conference Theater**

An historical video compilation will be shown each morning.

In honor of APS's 75th Anniversary, you're invited to interview your colleagues or share your stories about the field of psychosomatic medicine and APS. We'll have suggestions for questions to start conversations, so grab a friend and record your thoughts using our equipment or your own cell phone. Chances are you'll be part of APS's 100th Anniversary!

**7:00am – 8:00am**      **Wellness Session: Tai Chi**  
Instructor: *Christa Crittenden, PhD*  
**Room: Derby**

**Awards Committee Meeting**  
**Room: Oaks**

**Sunrise Series:**  
**Early Job Process Part 2**  
Facilitators: *Matthew Cribbet, PhD*  
*Jenny Cundiff, PhD,*  
*Wendy Birmingham, PhD*  
**Room: Churchill Downs**

**8:00am – 8:15am**      **DATA BLITZ**  
**Room: Regency Ballroom North**

Each morning, we'll be kicking off the day with a data blitz. Be sure to come early and learn about some of our most exciting trainee poster presentations of the day in fast-paced 2 minute talks! Friday presenters include: Michael Mead, MS, Sazedul Alam, MSc, DeWayne Williams, PhD, and Stefanie Duijndam, MSc. We'll also feature a short video highlighting our past leaders interview series in honor of the APS 75th Anniversary Celebration.

**8:15am – 9:00am**      **Plenary Address**

**Patricia Barchas Award**  
Introduction: *Mary-Frances O'Connor, PhD*  
Speaker: **Edith Chen, PhD**  
**Room: Regency Ballroom North**

**9:00am – 10:00am**      **President's Address**

**Between the Error Bars: Personality and Health**  
Introduction: *Tim Smith, PhD*  
Speaker: **Suzanne C. Segerstrom, PhD, MPH**  
**Room: Regency Ballroom North**

**10:00am – 10:15pm**      **Break**

**10:15am – 11:15am**      **Plenary Address**

**Resilience to Early Life Adversity**  
Introduction: *Gerry Giesbrecht, PhD*  
Speaker: **Mary Dozier, PhD**  
**Room: Regency Ballroom North**

**11:20am – 12:35pm**      **Concurrent Sessions**

**Invited Symposium: Finding Resilience in Early Life Adversity**  
Moderator: *Gerry Giesbrecht, PhD*  
Speakers: Catherine Monk, PhD, Dani Dumitriu, PhD, Jenna C. Thomas, MSc, Sara F. Waters, PhD  
**Room: Regency Ballroom North**

**Symposium 1054 / BRINGING PSYCHOLOGICAL INTERVENTIONS INTO THE DIGITAL ERA**  
Chair: *Henriët van Middendorp, PhD*  
Discussant: *Andrea Evers, PhD*  
**Room: Park Suite**

1220 / Verbal Suggestions To Optimize The Effects Of Serious Gaming On Food Outcomes  
**Lemmy Schakel, MSc**

1225 / Empowering Expectations For Health And Disease: Combining Ehealth Cognitive Behavioral Treatment With Serious Gaming  
**Henriët van Middendorp, PhD**

1223 / Using Virtual Reality To Treat Chronic Pain: Virtual Graded Exposure For Chronic Low Back Pain And Virtual Walking For Persistent Neuropathic Pain In Spinal Cord Injury  
**Zina Trost, PhD**

1224 / Using Virtual Humans To Reduce Pain Treatment Disparities: Patient- And Provider-Focused Interventions  
**Adam T. Hirsh, PhD**

**Symposium 1145 / BEHAVIORAL NEUROSCIENCE OF RESPIRATORY DISEASE: COGNITION, AFFECT, AND SYMPTOM PERCEPTION**  
Co-Chairs: *Thomas Ritz, PhD, Juliet Kroll, MA*  
Discussant: *J. Richard Jennings, PhD*  
**Room: Gulfstream/Hialeah**

1150/ Hippocampal Metabolites In Asthma And Health: Associations With Medication Use And Sleep Behavior  
**Juliet Kroll, MA**

1487 / Central Nervous System Processing Of Affective Stimuli In Asthma: Associations With Affect-Induced Airway Responses, Asthma Control, And Airway Inflammation  
**Thomas Ritz, PhD**

1187 / Regional Cerebral Glucose Metabolism In The Amygdala And Hippocampus During Acute Stress Is Associated With Stress Responsiveness And Airway Inflammation In Asthma  
**Melissa A. Rosenkranz, PhD**

1184 / Neural Processing Of Breathlessness In Chronic Obstructive Pulmonary Disease  
**Andreas von Leupoldt, PhD**

**Paper Session: ADHERENCE**  
Chair: *Ian Kronish, MD*  
**Room: Conference Theater**

1232 / Identifying Targets For Cardiovascular Medication Adherence Interventions Through Latent Class Analysis  
**Talea Cornelius, PhD**

1271 / Insight In Non-Participation And Drop-Out Among Coronary Artery Disease Patients In A Prospective Cohort Study - The Thoresci Study  
**Nina Kupper, PhD**

1071 / Factors Affecting Health Behavior Adherence In Heart Failure: The Reach For Health Study Qualitative Research Phase  
**Christopher M. Celano, MD**

1103 / The Relationship Between Positive Affect And Medication Adherence In Chronic Conditions: A Systematic Review  
**Sarah M. Bassett, MA**

1105 / Depressive Symptom Severity As A Predictor Of Attendance In The Home Behavioral Weight Loss Trial  
**Aubrey L. Shell, BA**

**Paper Session: MINDFULNESS**

Chair: *Crista Crittenden, PhD*

**Room: Keeneland**

1057 / Acceptance Lowers Neuroendocrine And Cardiovascular Stress Reactivity: Dismantling Mindfulness Training In A Randomized Controlled Trial  
**Emily K. Lindsay, PhD**

1392 / The Role Of Acceptance Training On Circulating CRP: A Mindfulness Randomized Controlled Trial  
**Daniella K. Villalba, PhD**

1528 / Mindfulomics: Searching For The Molecular Signature Of Mindfulness And Resilience To Stress  
**Jeffrey Greeson, PhD**

1422 / Mindfulness Intervention Increases Neural Reward Responding To Positive, Nonsocial Stimuli In Breast Cancer Survivors  
**Janine M. Dutcher, PhD**

1355 / Differential Associations Among Facets Of Dispositional Mindfulness With Self-Reported Mental And Physical Health  
**Amanda M. Mitchell, PhD**

**11:50am – 1:20pm**      **75th Anniversary Videos**  
**Room: Conference Theater**

An historical video compilation will be shown

**12:35pm – 2:00pm**      **Roundtables or Free time**

*Unless previously specified, lunch is not provided at the Roundtables and you should plan to visit a local take-out restaurant. The first 20 minutes of most Roundtables will be devoted to lunch and informal conversation. A list of restaurants within minutes of the hotel is available at the APS Registration Desk.*

**Roundtable #5: Finding Resilience in Early Life Adversity: Challenges & Future Directions**

Co-Chairs: *Daryl O'Connor, PhD, Gerry Giesbrecht, PhD, Julie Turner-Cobb, PhD* / Contributors: *Mary Dozier, PhD, Catherine Monk, PhD, Dani Dumitriu, PhD, MD, Sara Waters, PhD, Gerald Giesbrecht, PhD, Daryl O'Connor, PhD, Julie Turner-Cobb, PhD*  
**Room: Derby**

**Roundtable #6: How to Engage a Patient in Psychosomatic Care?**

Facilitators: *Alla Landa, PhD, Karen Weihs, MD*  
**Room: Saratoga**

**Psychosomatic Medicine Editorial Board Meeting**

*(by invitation only)*

**Room: Churchill Downs**

**APS Young Scholars Roundtable**

*(by invitation only)*

**Room: Oaks**

**2:00pm – 3:00pm**      **Concurrent Sessions**

**Invited Symposium: Health Disparities In Children**

Chair: *Tené Lewis, PhD*

Speakers: *Lori Francis, PhD, Rebecca Hasson, PhD, Carmen Isasi, PhD*

**Room: Regency Ballroom North**

**Symposium 1315 / NEW PERSPECTIVES ON FATIGUE: CLINICAL, EXPERIMENTAL, AND NEUROIMAGING APPROACHES TO UNDERSTANDING CANCER-RELATED FATIGUE**

Chair: *Julienne Bower, PhD*

Discussant: *Joel Dimsdale, MD*

**Room: Park Suite**

1317 / Biobehavioral Risk Factors For Fatigue In Breast Cancer: Early Life Stress, Depression, And Cellular Aging  
**Julienne Bower, PhD**

1393 / What Have We Learned About Cancer-Related Fatigue From Experimental Approaches?

**Robert Dantzer, PhD**

1379 / Inflammation-Associated Alterations In Corticostriatal Circuit Function In Breast Cancer: Relationship With Motivational And Motor Deficits And Fatigue  
**Jennifer Felger, PhD**

**Symposium 1111 / CURRENT DIRECTIONS IN SOCIAL SUPPORT, RESILIENCE AND HEALTH: A LIFESPAN PERSPECTIVE**

Chair: *Kharah M. Ross, PhD*

Discussant: *Theodore Robles, PhD*

**Room: Keeneland**

1116 / Partner Effective And Ineffective Social Support During Pregnancy And Inflammation In 3-Month-Old Infants  
**Kharah M. Ross, PhD**

1115 / Self-Disclosure Interacts With Positive And Negative Features Of Romantic Social Relationships On Telomere Length  
**Jonah Price, MA**

1114 / Childhood Abuse, Midlife Social Support, and Mortality Risk  
**Jessica Chiang, PhD**



**Paper Session: CARDIOVASCULAR DISEASE**Chair: *Christoph Herrmann-Lingen, MD***Room: Conference Theater**

1385 / Effect Of Heart Rate Variability Biofeedback On Myocardial Blood Flow In Patients With Coronary Artery Disease: A Randomized Controlled Pilot Trial

**Amit J. Shah, MD, MSCR**

1100 / Neutrophil Gelatinase-Associated Lipocalin And Depressive Symptoms In Patients With Non-Obstructive Coronary Artery Disease

**Paula M.C. Mommersteeg, PhD**

1421 / Ischemia, Psychosocial Factors, And Chest Pain In Patients Referred For Myocardial Perfusion Scan: Preliminary Data From The Heart Inside Out (THIO) Study

**Paula M.C. Mommersteeg, PhD**

1409 / Insomnia As An Independent Predictor Of Incident Cardiovascular Disease In HIV: Data From The Veterans Aging Cohort Study

**Brittanny M. Polanka, BS****Paper Session: MENTAL DISORDER**Chair: *Claudia Trudel-Fitzgerald, PhD***Room: Gulfstream/Hialeah**

1237 / The Impact Of Lifetime Stress Exposures And Mental Health Sequelae On Current Health And Functioning In Vietnam-Era Women Veterans

**Brian N. Smith, PhD**

1343 / Electrocardiographic Abnormalities And Stress Proteins In Women With PTSD In Venezuela

**Jose R. Pena, MD PhD**

1011 / Serum Polyunsaturated Fatty Acids And Risk Of Psychiatric Disorder After Acute Coronary Syndrome: A Prospective Cohort Study

**Yutaka Matsuoka, MD, PhD**

1228 / The Effectiveness Of Interventions To Treat Medically-Induced Posttraumatic Stress Disorder: A Systematic Review

**Mytra Haerizadeh, BA**

3:05pm – 4:20pm

**Concurrent Sessions****Invited Symposium: From Fatigue To Vitality: Psychosomatic Medicine Across 75 Years**Moderator: *Willem Kop, PhD*Speakers: *Kurt Kroenke, MD, MACP, Rona Moss-Morris, PhD, Laura Kubzansky, PhD, MPH***Room: Regency Ballroom North****Symposium 1112 / HOW CULTURAL FACTORS CAN ALTER PSYCHOPHYSIOLOGICAL PROCESSES IN DIFFERENT HEALTH CONTEXTS**Chair: *Amanda M. Acevedo, MA***Room: Gulfstream/Hialeah**

1502 / Is Expressive Suppression Harmful For Chinese American Breast Cancer Survivors?

**Qian Lu, PhD**

1504 / Latina Acculturation And Pregnancy From A Biopsychosocial Perspective: Anxiety, Social Support, And Blood Pressure

**Anna M. Strahm, MS**

1465 / Sociocultural Stressors Are Associated With Alterations In Cortisol And Adverse Birth Outcomes In Pregnant Mexican-American Women

**Kimberly D'Anna-Hernandez, PhD**

1517 / Stress Exposure, And The Hispanic Health Paradox: Sociocultural Resilience Pathways And A Call For Research

**John Ruiz, PhD****Symposium 1097 / PLACEBO EFFECTS ACROSS CONDITIONS AND SYMPTOMS: THE ROLE OF LEARNING AND NEUROBIOLOGICAL MECHANISMS**Chair: *Andrea W. Evers, PhD*Discussant: *Dana Bovbjerg PhD***Room: Keeneland**

1155 / The Role Of Conditioning In Nocebo-Induced Nausea

**Ben Colagiuri, PhD**

1157 / Minimizing Nocebo Effects On Itch By Conditioning

**Andrea Evers, PhD**

1098 / Vasopressin Enhances Placebo Analgesic Effects

**Luana Colloca, PhD**

1151 / Placebo Effects And Conditioning Of Hormonal Responses Of Oxytocin

**Aleksandrina Skvortsova, Msc****Paper Session: EARLY LIFE ADVERSITY**Chair: *Jenny Cundiff, PhD***Room: Conference Theater**

1447 / Effects Of Childhood Trauma, Daily Stress And Emotions On Diurnal Cortisol Levels In Individuals Vulnerable To Suicide

**Daryl B. O'Connor, PhD**

1417 / Influence Of Childhood Adversity On Metabolomic Profiling In Overnight Urine

**Shaoyong Su, PhD**

1426 / Childhood Adversity And Levels Of Cortisol And DHEA In Adolescence

**Lotte van Dammen, MSc**

1196 / Childhood Trauma Associates With Glucocorticoid Resistance, Suppressed Cortisol Response, And Elevated Peripheral Inflammation In Response To A Provocative Life Stressor

**Catherine P. Walsh**

1460 / Early Life Adversity Is Associated With Cortical Activation During Sleep

**Matthew R. Cribbet, PhD**

**Paper Session: CANCER & SOCIAL RELATIONSHIPS**Chair: *Wendy Birmingham, PhD***Room: Park Suite**

1009 / Staying Healthy After Cancer: The Hidden Influence Of Social Networks

**Jennifer L. Guida, PhD, MPH**

1310 / Distress And Unmet Supportive Care Needs During Cancer Treatment Affect The Quality Of Life In Early Cancer Survivorship For Haematological Cancer Survivors - A Longitudinal Study

**Devesh V. Oberoi, PhD**

1284 / Breaking The Stereotype: Why Men With GI Cancers Join Support Groups

**Maryam Qureshi, BA**

1494 / Cancer Caregivers' Post-Traumatic Stress Symptoms Related To Their Neuroendocrine Stress Biomarkers

**Hannah-Rose Mitchell, MPH**

1312 / Adult Attachment, Caregiving Stress, And DHEA-S Change Predict Psychological Distress Of Cancer Caregivers

**Youngmee Kim, PhD****4:20pm – 4:35pm Break****4:35pm – 5:50pm Concurrent Sessions****Paper Session: CORTISOL**Chair: *Nic Rohleder, PhD***Room: Conference Theater**

1503 / Chronic Stress Is Associated With Cortisol Recovery From Acute Stress Among Women But Not Men

**Alexander Fiksdal, MA**

1288 / Cortisol Awakening Response Mediates The Prospective Association Between Sleep Problems In Adolescence And Depressive Symptoms In Early Adulthood

**Kate R. Kuhlman, PhD**

1453 / Overcoming Statistical Challenges When Developing A Prototypical Cortisol Recovery Model In Response To The Trier Social Stress Test (TSST)

**William K. Goodman, MA**

1537 / Approximating Diurnal Cortisol Profile Membership In Smaller Samples

**Natalia O. Dmitrieva, PhD**

1535 / Dexamethasone Suppression Test, Depression-Related Memory Bias, And Early Life Emotional Abuse

**Allison E. Gaffey, PhD****Paper Session: NEUROSCIENCE**Chair: *Sarah Prinsloo, PhD***Room: Gulfstream/Hialeah**

1089 / Increased Systemic Inflammation Associated With Enhanced Reward Related Brain Function In Emerging Adulthood

**Iris Ka-Yi Chat, MA**

1444 / Individual Differences In Aesthetic Engagement Are Reflected In Resting-State fMRI Connectivity: Implications For Stress Resilience

**Paula G. Williams, PhD**

1423 / Modification Of Electroencephalographic (EEG) Derived Brain Topology Associated With Patient-Reported Symptoms Of Fatigue In Chemotherapy Induced Peripheral Neuropathy (CIPN)

**Sarah Prinsloo, PhD**

1412 / Brain Mechanisms Of Stress And Depression In Coronary Artery Disease

**J. Douglas Bremner, MD**

1019 / Social Modulation Of The Microglial Response To Cerebral Ischemia

**Monica M. Gaudier-Diaz, PhD****Symposium 1113 / SLEEP DISTURBANCES AND HEALTH: INFLAMMATION AND CELLULAR AGING**Chair: *Judith E. Carroll, PhD*Discussant: *Martica Hall, PhD***Room: Park Suite**

1117 / Leukocyte Telomere Length, Polysomnographic Sleep Fragmentation And Sleep Apnea: The Multi-Ethnic Study Of Atherosclerosis

**Judith E. Carroll, PhD**

1118 / Short Sleep And Proinflammatory Gene Expression In Pregnant African Americans

**Lisa M. Christian, PhD**

1120 / Gene Expression Profiles Of Sleep Disturbance

**Hyong Jin Cho, MD**

1121 / The Mediating Role Of Sleep On The Link Between Negative Affect And Biological Health Risk: A U.S.-Japan Comparison

**Heidi Kane, PhD****Symposium 1083 / PSYCHOLOGICAL AND IMMUNOLOGICAL PATHWAYS TO HEALTH AMONG INFORMAL FAMILY CAREGIVERS**Chair: *Stephen F. Smagula, PhD*Discussant: *Michael Irwin, MD***Room: Regency Ballroom North**

1328 / Factors Modifying The Association Between Being Woken At Night To Deliver Care And Mental Health In A Sample Representative Of The United States

**Stephen Smagula, PhD**

1084 / Daily Pain Catastrophizing In Knee Arthritis Patients: Effects On Spousal Caregivers' Well-Being

**Lynn Martire, PhD**

1327 / Inflammation Markers Predict Future Healthcare Service Use In Dementia Caregivers

**Brent Mausbach, PhD**

1467 / Telomere Length And Anxiety In Caregivers Of Hematopoietic Stem Cell Transplant Patients  
**Tim Sannes, PhD**

**Symposium 1096 / IMPLICIT AFFECT IN PSYCHOSOMATIC MEDICINE: THE EMERGENCE AND RELEVANCE OF EMPIRICALLY TRACTABLE UNCONSCIOUS PROCESSES**  
 Chair and Discussant: *Richard D. Lane, MD, PhD*  
**Room: Keeneland**

1241 / The Generalized Unsafety Theory Of Stress (GUTS) And Why The Stress Response Is Fundamentally Unconscious  
**Jos F. Brosschot, PhD**

1127 / Social Baseline Theory: On The Automaticity Of Emotional Responding In Relational Contexts  
**David A. Sbarra, PhD**

1302 / Childhood Socioeconomic Status And Metabolic Outcomes: The Role Of Implicit Family Affect  
**Meanne Chan, PhD**

1139 / The Case For Including Facial Expressions In Affect And Health Research  
**Marie P. Cross, MA**

**6:00pm – 7:30pm** **Poster Session 2**  
 Posters #85-138 will be presented  
**Room: Regency Ballroom South**

**7:30pm** **Past Leaders Dinner**  
 Offsite (*invitation only*)

**7:30pm** **Emerging Leaders Initiative SIG Meeting**  
**Room: Sway Restaurant**

**SATURDAY, MARCH 10**

**7:30am – 8:30am** **Breakfast and Registration**  
**Room: Regency Foyer**

**7:30am – 8:30am** **75th Anniversary Videos**  
**Room: Conference Theater**

An historical video compilation will be shown each morning.

**7:30am – 8:30am** **Wellness Session: Yoga**  
 Instructor: *Marie Cross, MA*  
**Room: Derby**

**7:30am – 8:30am** **2019 Program Committee Meeting**  
**Room: Oaks**

**7:30am – 6:00pm** **Share Your Thoughts**  
**Room: Oaklawn**

In honor of APS's 75th Anniversary, you're invited to interview your colleagues or share your stories about the field of psychosomatic medicine and APS. We'll have suggestions for questions to start conversations, so grab a friend and record your thoughts using our equipment or your own cell phone. Chances are you'll be part of APS's 100th Anniversary!

**8:30am – 9:30am** **APS Members Meeting**  
**Room: Regency Ballroom North**

**9:30am – 9:45am** **Break**

**9:45am – 10:00am** **DATA BLITZ**  
**Room: Regency Ballroom North**

Each morning, we'll be kicking off the day with a data blitz. Be sure to come early and learn about some of our most exciting trainee poster presentations of the day in fast-paced 2 minute talks! Saturday presenters include: Kirsti Toivonen, MSc, Alexis Keaveney, MA, Lydia Homandberg, BA and Hannah Nordberg, BA

**10:00am – 11:30am** **Award Presentations**  
**Room: Regency Ballroom North**

**Paul D. McLean Award Lecture: The Mind-Body Problem: Circuits that Link the Cerebral Cortex to the Adrenal Medulla**  
 Introduction: *Richard Lane, MD, PhD*  
 Speaker : **Peter L. Strick, PhD**

**10:40am – 10:50am** **Stretch Break**

**Herbert E. Weiner Early Career Award Lecture**  
 Introduction: *Anna Marsland, PhD*  
 Speaker: **Aric A. Prather, PhD**

**11:30am – 11:45am** **Break**

**11:45am – 1:00pm** **Concurrent Sessions**

**Invited Symposium: Health Behaviors As A Source Of Resilience: Sleep, Exercise, Diet, And Mindfulness**  
 Moderator: *Judith Carroll, PhD*  
 Speakers: *Janet Tomiyama, PhD, Michael Irwin, MD, Linda Carlson, PhD, Eli Puterman, PhD*  
**Room: Regency Ballroom North**

**Symposium 1287 / EMOTION REGULATION AS A MECHANISM OF HEALTH RESILIENCE**  
 Co-Chairs: *Sara J. Sagui-Henson, MA, Brooke Jenkins, PhD*  
**Room: Keeneland**

1391 / Does Emotion Regulation Get Under The Skin? Exploring The Association Of Reappraisal And Suppression With Cortisol And DHEA  
**Claudia Trudel-Fitzgerald, PhD**


1274 / Emotion Regulation And Positive Affect In The Context Of The Salivary Alpha-Amylase Response To Pain: Resiliency For Pediatric Patients With Cancer  
**Brooke N. Jenkins, PhD**

1289 / Up-And Down-Regulating Negative Emotions: When Do Personal And Situational Characteristics Matter For Emotion Regulation And Biobehavioral Health?  
**Sara J. Sagui-Henson, MA**

1397 / The Ventromedial Prefrontal Cortex As A Hub In The Network Supporting Positive Emotion's Impact On Stress Regulation  
**Christian E. Waugh, PhD**

 **Symposium 1055 / THE IMPACT OF PARENT-CHILD RELATIONSHIPS ON CHILD INFLAMMATION**

Chair: *Jacqueline O'Brien, MS*  
 Discussant: *Hannah Schreier, PhD*  
**Room: Park Suite**

 1208 / The Effect Of Positive And Negative Parenting On Child Immune Response: A Systematic Review  
**Jacqueline O'Brien, MS**

1205 / The Effect Of Parental Responsiveness And Family Conflict On Inflammatory Markers In A Sample Of Youth With Asthma  
**Michael W. Harvey, BA**

1206 / Secure Base Representations In Children With Asthma: Links With Symptoms, Family Asthma Management, And Cytokine Regulation  
**Katherine B. Ehrlich, PhD**

1204 / Caregiving Quality Predicts Immune Health In Early Adolescence  
**Thomas G. O'Connor, PhD**

**Paper Session: PAIN & PHYSICAL SYMPTOMS**

Chair: *Marie Cross, MA*  
**Room: Gulfstream/Hialeah**

1436 / Physical Symptoms Are More About Stressful Persons, Not Stressful Days: The Association Between Exposure To Stressors And Physical Symptoms In Later Life  
**Hye Won Chai, MA**

1534 / Associations Between The Development Of Clinical Pain And Laboratory Pain Intensity In Inner-City Women  
**Allison E. Gaffey, PhD**

1182 / Perceptual Contributions To Racial Bias In Pain Recognition  
**Peter Mende-Siedlecki, PhD**

1030 / Can Oxytocin Enhance Placebo Effects In Pain And Itch?  
**Aleksandrina Skvortsova, MSc**

1293 / Is There A Sex Difference In Susceptibility To Nausea And Motion Sickness? Subjective And Physiological Data Support Different Conclusions  
**Max Levine, PhD**

**1:00pm – 2:30pm**

**Wellness Session:**

**Art Making**  
*Johanna Czamanski-Cohen, PhD*  
**Room: Derby**

**1:00pm – 2:30pm**

**75th Anniversary Videos**  
**Room: Conference Theater**

An historical video compilation will be shown

**1:00pm – 2:30pm**

**Roundtables or Free time**

*Unless previously specified, lunch is not provided at the Roundtables and you should plan to visit a local take-out restaurant. The first 20 minutes of most Roundtables will be devoted to lunch and informal conversation. A list of restaurants within minutes of the hotel is available at the APS Registration Desk.*

**Roundtable #7: Addressing Cardiovascular Health in Persons with Serious Mental Illness**

Facilitator: *Gail Daumit, MD*  
**Room: Oaks**

**Roundtable #8: Neuroscience Discussion with MacLean Award recipient**

Facilitators: *Peter Strick, MD, Richard Lane, MD, PhD*  
**Room: Cherokee Room in the Park Suite**

**Young Investigator Colloquium Lunch**

*(by invitation only)*  
**Room: Churchill Downs**

**2:30pm – 3:30pm**

**Concurrent Sessions**

**Paper Session: STRESS & EMOTION**

Chair: *Johanna Czamanski-Cohen, PhD*  
**Room: Park Suite**

1119 / Daily Negative Affect Underlies The Links Between Socioeconomic Status, Daily Cortisol Activity And All-Cause Mortality

**Ledina Imami, Ma**

1162 / Emotional And Autonomic Nervous System Responses To Social Stress: The Physiological And Emotional Reactivity (PHEMORE) Study

**Willem J. Kop, PhD**

1081 / Relatives Expressed Emotion Is Related To Poorer Adjustment In People Recently Diagnosed With Dementia And To Distress In Relatives

**Alison J. Wearden, PhD**

1415 / Association Of Perseverative Thinking Duration With Subjective Stress And Ambulatory Blood Pressure  
**Jeffrey L. Birk, PhD**


**Paper Session: DEPRESSION**

Chair: *Jesse Stewart, PhD*

**Room: Keeneland**

1122 / Pathways Linking Depressive Symptoms And Heart Rate Variability: A Longitudinal Twin Difference Study  
**Minxuan Huang, ScM**

1413 / Depression Related DNA Methylation Changes: An Epigenome-Wide Association Study  
**Shaoyong Su, PhD**

 1004 / Microvascular Function And Cognitive Performance Among Individuals With Major Depression  
**Patrick J. Smith, PhD**

1414 / Measurement Invariance Of The Patient Health Questionnaire-9 (PHQ-9) Depression Screener In U.S. Adults Across Sex, Race/Ethnicity, And Education Level: NHANES 2005-2014  
**Jay S. Patel, BA**

**Paper Session: DIABETES**

Chair: *Ian Boggero, PhD*

**Room: Gulfstream/Hialeah**

1388 / Association Of Four Emotional Factors With Diagnosed Versus Undiagnosed Diabetes  
**Tasneem Khambaty, PhD**

1430 / Trajectories Of Anxiety Symptoms And Incident Cardiovascular Disease In Adults With Type 2 Diabetes  
**Sonya Deschenes, PhD**

1383 / Health Behaviour Changes After Diabetes Diagnosis: Findings From The English Longitudinal Study Of Ageing  
**Ruth A. Hackett, PhD**

1074 / Happiness And Inflammatory Responses To Acute Stress In People With Type 2 Diabetes  
**Laura Panagi, MSc**

3:35pm – 4:50pm **Concurrent Sessions**

**Symposium 1190 / POSITIVE PSYCHOLOGICAL WELL-BEING AND SUCCESSFUL AGING: INSIGHTS FROM LONGITUDINAL STUDIES**

Chair: *Lewina O. Lee, PhD*

Discussant: *Suzanne Segerstrom, PhD*

**Room: Keeneland**

1191 / Optimism And Exceptional Longevity: Prospective Findings From The VA Normative Aging Study  
**Lewina O. Lee, PhD**

1260 / Optimism & Healthy Aging  
**Eric S. Kim, PhD**

1372 / From Head To Toe: Is Psychological Well-Being Associated With Markers Of The HPA Axis Measured In Toenails?  
**Claudia Trudel-Fitzgerald, PhD**

1296 / Aging Well Through Healthy Behavior: Psychological Well-Being's Longitudinal Association With Fruit And Vegetable Intake In The English Longitudinal Study Of Aging  
**Julia K. Boehm, PhD**

**Paper Session: INFLAMMATION**

Chair: *Judith Carroll, PhD*

**Room: Park Suite**

1373 / High Daily Stressor Exposure And Low Stressor Diversity Associated With Higher Inflammation Across The Adult Life Span  
**Rachel E. Koffer, MS**

1123 / Posttraumatic Stress Disorder Is Associated With Enhanced Interleukin-6 Response To Mental Stress In Subjects With A Recent Myocardial Infarction  
**Bruno B. Lima, MD PhD**

1254 / Application Of The Cortisol-Crp Ratio To A Surgical Population: Predicting Depression, Pain, And Stress Reactivity Among Patients Undergoing Total Knee Arthroplasty  
**Julie K. Cremeans-Smith, PhD**

1449 / Bereavement Exacerbates The Impact Of Sleep On Inflammation: Results From Project Heart  
**Diana A. Chirinos, PhD**

1440/An MBSR Intervention for Parkinson's Disease Patients and Caregiving Partners: Effects on Distress, Social Support, Cortisol, and Inflammation  
**Kala Phillips, MS**

**Paper Session: OBESITY, WEIGHT STIGMA AND EATING DISORDER**

Chair: *Janet Tomiyama, PhD*

**Room:**

1299 / Risk Factors For Refeeding Syndrome In Underweight Japanese Patients With Eating Disorders: Possible Influence Of Mood States  
**Tadahiro Yamazaki, MD**

1229 / Getting To The Heart Of Chronic Disease: Weight-Stigma, Cardiometabolic Risk Profiles, And Increased Likelihood Of Cardiometabolic Diagnoses

**Mary S. Himmelstein, PhD**

**4: 50pm – 5:15pm**

**Wellness Session:**  
**Mindfulness Meditation Applied to Work-life Balance: Methods to leverage both in symbiotic ways**  
Instructor: *Eric Loucks, PhD*  
**Room: Kentucky Suite**

1101 / Longitudinal Consequences Of Experiencing Weight Stigma During Pregnancy For Psychological And Physical Health

**Angela C. Incollingo Rodriguez, CPhil**

**5:15pm – 6:45pm**

**Poster Session 3**  
Posters #139-188 will be presented  
**Room: Regency Ballroom South**

1032 / Socioeconomic Status And Inflammation During Pregnancy: The Mediating Role Of Maternal Obesity

**M. Sima Finy, PhD**

**7:30pm – 11:00pm**

**Closing Banquet**  
**Regency Ballroom North**

1464 / A Risky Family Environment, But Not A Gabaergic Receptor Single Nucleotide Polymorphism, Is Associated With Metabolic Dysregulation

**Yazmine P. Huizar, BS**

Please Join Us Next Year in  
**Vancouver, BC**  
for the 77th APS Annual  
Scientific Meeting

## Additional Information

### About APS

The American Psychosomatic Society is an international organization devoted to biopsychosocial research and integrated clinical care, and to providing a forum via its Annual Meeting and journal, *Psychosomatic Medicine*, for sharing this research. Its members are from around the world, including specialists from all medical and health-related disciplines, the behavioral sciences, and the social sciences. Membership information is available at the APS Registration Desk.

### Poster Tours

During the Poster Sessions on Thursday and Friday, a clinician member of the Society will lead up to 10 meeting attendees through a narrated tour of 6-7 posters of clinical significance. The tour is also intended to provide conference attendees who are clinical practitioners with an opportunity to meet and share interests relevant to applied research. There is no cost to participate in a tour – please visit the APS Registration Desk for availability.

### Photo Release

By attending the APS Annual Meeting, registrants consent to be photographed during the course of the meeting, with the understanding that those images may be used in APS documents, publications or on the website. If you prefer to not have your image used by APS, please contact [info@psychosomatic.org](mailto:info@psychosomatic.org) or visit the APS Registration Desk.

### Exhibits

APS is pleased to welcome Salimetrics to the APS Annual Meeting. Salimetrics provides innovative salivary bioscience research tools and services to investigators studying health, drug discovery and behavior. Salimetrics supports researchers worldwide with the leading immunoassays, participant-centric collection methods and laboratory services. Salimetrics, 5962 La Place Ct, Suite 275, Carlsbad, CA, 92008. 760.448.5387. [www.salimetrics.com/](http://www.salimetrics.com/)

# APS 76<sup>TH</sup> Annual Scientific Meeting – March 7-10, 2018 – Louisville, KY

## Meeting Objectives

At the conclusion of this meeting, participants will be able to:

1. To better understand the construct of resilience and its relevance to Psychosomatic Medicine.
2. To provide information about psychosocial and behavioral factors connected to resilience.
3. To explore the promises and pitfalls of resilience-oriented interventions to enhance or maintain physical health.

## Continuing Education Information

### ACCME Credit Statement:

Amedco designates this live activity for a maximum of 21.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### ACCME Approval Statement:

In support of improving patient care, this activity has been planned and implemented by Amedco and the American Psychosomatic Society (APS). Amedco is jointly accredited by the American Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

### APA Credit Statement:

This activity has been approved for a maximum of 21.25 hours.

### APA Approval Statement:

This course is co-sponsored by Amedco and the American Psychosomatic Society. Amedco is approved by the American Psychological Association to sponsor continuing education for psychologists. Amedco maintains responsibility for this program and its content.

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Linda Carlson, PhD  
Jude Carroll, PhD  
Matthew Cribbet, PhD  
Crista Crittenden, PhD

Marie Cross, MA  
Jenny Cundiff, PhD  
Johanna Czamanski-Cohen, PhD  
Gerry Giesbrecht, PhD  
Annie Ginty, PhD  
Christoph Herrmann-Lingen, MD  
LaBarron Hill, PhD

Marc Jarczok, Dipl. SoWi  
Nataria Joseph, PhD  
Ian Kronish, MD  
Carissa Low, PhD  
Nathalie Moise, MD, MS  
Daryl O'Connor, PhD  
Sarah Prinsloo, PhD

John Ruiz, PhD  
John Ryan, PhD  
Suzanne Segerstrom, PhD  
Sonia Suchday, PhD  
Peter Shapiro, MD  
Eva Szigethy, MD  
Claudia Trudel-Fitzgerald, PhD  
Julie Turner-Cobb, PhD

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# The Inaugural Program - December 18, 1942 - New York, NY

## *Program*

American Society for Research in Psychosomatic Problems

FRIDAY EVENING, DECEMBER 18, 1942 AT 8:00 O'CLOCK

THE WALDORF-ASTORIA

★

## *Fatigue*

DR. HALLOWELL DAVIS, *Chairman*

### Introductory Remarks

HALLOWELL DAVIS, M.D., Professor of Physiology, Harvard University School of Medicine

### Psychomotor Performance in the Study of Environmental Stress

S. S. STEVENS, Ph.D., Assistant Professor of Psychology, Harvard University

(20 minutes)

### Problems Arising in the Study of Fatigue

WILLIAM FORBES, Ph.D., Research Fellow and Assistant Director, Fatigue Laboratory, Harvard University

(20 minutes)

*Discussion:* Opened by HOWARD S. LIDDELL, Ph.D., Professor of Psychology, Cornell University Behaviour Farm

★

INTERMISSION

(5 minutes)

★

### Preliminary Studies in the Mechanism of Fatigue in Neuropsychiatric Patients

SIDNEY A. PORTIS, M.D., Associate Professor of Medicine, University of Illinois

(20 minutes)

### Conflict, Frustration and Fatigue in Visual Situations

S. HOWARD BARTLEY, Ph.D., Assistant Professor in Research in Physiological Optics, Dartmouth Eye Institute, Dartmouth Medical School

(15 minutes)

*Discussion:* Opened by WALTER R. MILES, Ph.D., Professor of Psychology, Yale University

### Research in Psychosomatic Medicine: Current Problems

*Discussion:* Opened by DANA W. ATCHLEY, M.D., Associate Professor of Clinical Medicine, College of Physicians and Surgeons, Columbia University