

# American Psychosomatic Society

March 8-11, 2023  
San Juan,  
Puerto Rico

80th Annual  
Scientific Meeting

CHALLENGING THE  
FUTURE: TOWARDS A  
BETTER  
BIOPSYCHOSOCIAL  
HEALTH



2023 Program Book

## WEDNESDAY, MARCH 8

7:30am – 7:00pm

**Annual Meeting Registration**  
*San Juan Foyer*

12:00pm – 4:45pm

**Diversity Travel Scholars Program**  
*(invitation only)*  
**Room: Laguna 1**

8:30am – 12:00pm

**APS Council Meeting**  
*(invitation only)*  
**Room: Sol Boardroom**

12:30pm – 4:30pm

**Afternoon Workshop**

*(pre-registration required)*

**Latent Variable Modeling of Mediation and Moderation**  
Organizing Committee: Christopher Celano, MD,  
Michael Stanton, PhD  
Faculty: *Todd D. Little, PhD*  
**Room: Bahia 2**

7:30am – 12:30pm

**Young Investigator Colloquium**  
**MD Travel Scholars Program**  
*(invitation only)*  
**Room: Laguna 2**

8:30am – 4:30pm

**Full Day Workshop**

*(pre-registration required)*

**Environmental Justice and the Role of Psychosomatic  
Medicine**

Organizing Committee: *Amanda Acevedo, PhD,*  
*Siobhan Griffin, PhD, Cora Weber, MD*  
Faculty: *Humberto Cavallin, PhD Gredia Huerta-Montañez, MD,*  
*Ruth Santiago, JD, LLM, Kristy White, PhD*  
**Room: Bahia 1**

4:45pm – 5:40pm

**Opening Session - Plenary**

Welcome and 2023 Awards Recognition  
**Room: San Juan Ballroom 1-4**

5:45pm – 6:30pm

**Plenary**

**Distinguished Scientist Award Lecture**  
Speaker: *Julian Thayer, PhD*  
**Room: San Juan Ballroom 1-4**

8:30am – 12:00pm

**Morning Workshop**

*(pre-registration required)*

**Ecological Momentary Assessments: Methodological  
Approaches and Considerations.**

Organizing Committee: *Anne-Josée Guimond, PhD,*  
*DeWayne P. Williams, PhD*  
Faculty: *Marcellus Merritt, PhD, Christina Ottaviani, PhD, PsyD*  
**Room: Bahia 2**

6:30pm – 8:00pm

**Citation Poster Session**

**Room: San Juan Ballroom 5-8**

Poster presenters can put posters up starting at 3:00pm. Take down immediately following the session.

8:00pm – 9:00pm

**Fellow of APS (FAPS) Reception**  
**Room: Bella Vista Terrace**

**7:00am – 6:30pm**      **Annual Meeting Registration**  
*San Juan Foyer*

**7:00am – 8:00am**      **Continental Breakfast**  
*Room: San Juan Ballroom 5-8*

**Wellness Activity: YOGA –  
 provided by the hotel for  
 registered guests**

**First Time Attendee/New Member  
 Welcome Breakfast**  
*Room: Laguna 1 & 2*

All new, prospective, and curious APS members and meeting attendees are encouraged to attend. The APS Membership Committee and “experienced” APS members will be available to greet you and answer any questions. This is a great opportunity to kick off the meeting by experiencing the welcoming culture of APS.

**8:00am – 8:15am**      **Data Blitz**

Chair: *Paige Green, PhD*  
*Posters of the Day Data Blitz!* Be sure to come and learn about some of our most exciting trainee poster presentations of the day in fast-paced 2 minute talks!  
**Room: San Juan Ballroom 1-4**

**8:15am – 9:15am**      **Plenary**

**Keynote Presentation: *Can Digital Therapeutics (DT’s) Move Us Closer To Integrated Care Provision? The Example Of Brain-Gut Treatments In Irritable Bowel Syndrome (IBS) And Inflammatory Bowel Disease (IBD).***  
 Speaker: *Rona Moss-Morris, PhD*  
**Room: San Juan Ballroom 1-4**

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

**Invited Symposium 1: COVID-related Psychophysiological Research and the “New Normal”**  
 Chair: *Siobhán Griffin, PhD*  
 Speakers: *Josiemer Mattei, MPH, PhD Eleonora Iob, PhD Siobhán Howard, PhD, Daryl O’Connor, PhD*  
**Room: San Juan Ballroom 1-4**

**Symposium 1: 192 Superwoman Schema and the Health of Black Women**  
 Chair: *Christy Erving, PhD*  
**Room: Bahia 1**

196 / Blunted Vascular Function in Black Females: Examining the Impact of Psychosocial Stress Exposure Versus Internalization and Maladaptive Coping  
**Zachary Martin, PhD**

195 / Superwoman Schema in Black Women with Systemic Lupus Erythematosus: Maladaptive and Adaptive Pathways for Disease Management  
**Jerik Leung, MPH**

193 / Superwoman Schema, Environmental Mastery and Arterial Stiffness in Black American Women  
**Kennedy Blevins, MA**

194 / Superwoman Schema Endorsement and Subjective Sleep Quality among Black Women  
**Christy Erving, PhD**

**Paper Session 1: THE LATEST IN PAIN RESEARCH**  
 Chair: *Amanda Acevedo, PhD*  
**Room: Bahia 2**

585 / Identifying Mechanisms Of Change Of Cognitive Behavioral Therapy For Pediatric Chronic Pain Using Network Intervention Analysis  
**Gloria Han, PhD**

477 / Child Daily Pain Intensity In The Context Of Variations In Maternal Daily Pain And Mood  
**Jacqueline O’Brien, PhD**

627 / Does Physician Compassion Predict Postoperative Pain And Opioid Use In Surgery Patients? A Prospective Cohort Study  
**Jeffrey Greeson, PhD**

312 / Pain And Insomnia As Risk Factors For First Lifetime Onsets Of Anxiety, Depression, And Suicidality In Adolescence  
**Daniel Kopala-Sibley, PhD**

**Paper Session 2: PERINATAL AND CHILD HEALTH**  
 Chair: *Annie Ginty, PhD*  
**Room: San Felipe**

263 / Perinatal Mood And Anxiety Disorders: Biomarker Discovery Using Plasma Proteomics  
**Eynav Accortt, PhD**

302 / Nurturant-Involved Parenting Mitigates The Cardio-metabolic Risks Associated With Childhood Discrimination  
**Elizabeth Wiggins, Psychology**

507 / Gender Differences In Infant Development: The Role Of Parental Pre- And Postnatal Psychosocial Functioning & Family Biomarkers  
**Guido Urizar, PhD**

270 / The Effects Of A Prenatal Cognitive Behavioral Stress-Management Intervention On Postpartum Stress Levels Among Low-Income Women: Role Of Mindfulness  
**Julianna Martin, BA**

**Paper Session 3: LONGTERM EFFECTS OF COVID-19 ON PHYSICAL & MENTAL HEALTH**  
 Chair: *Thomas Ritz, PhD*  
**Room: Laguna 1 & 2**

259 / Covid19 Era Effects On Older Adults’ Cognitive Complaints, Depressive Symptoms, And Stressful Events  
**Suzanne Segerstrom, PhD, MPH**

119 / Longer-Term Mental Health Consequences Of Covid-19 Infection: Moderation By Race And Socioeconomic Status  
**Michelle K. Williams, MS**

222 / Changes In Positive Aspects Of Wellbeing Among Older Adults In England During The Covid-19 Pandemic  
**Eleonora Iob, PhD**

482 / Patients With Functional Post-Covid Symptoms Show High Utilization Of The Health Care System  
**Jens Hamberger, Dipl.-Wjur**

**10:30am – 10:45am**      *Transition*

**10:45am – 11:45am**      **Concurrent Sessions**

**Paper Session 4: TECHNOLOGICAL INNOVATION**

Chair: Nina Kupper, PhD

**Room: San Juan Ballroom 1-4**

532 / Stress+ – Towards An Open-Source Web Application For The Remote Induction Of Acute Psychosocial Stress  
**Robert Richer, MSc**

179 / Real-Time Assessment Of The Impact Of Virtual Reality-Delivered Meditation On Autonomic And Behavioral Indicators Of Stress  
**Melissa M. Vanderkaay Tomasulo, PhD**

370 / Using Consumer-Type Fitness Trackers For Measuring Physical Activity, Heart Rate And Sleep Duration In A Multicenter Intervention Trial Of Patients With Coronary Heart Disease  
**Christoph Herrmann-Lingen, MD**

379 / Feasibility Of Remote Measurement Of Physical Activity, Sleep, Autonomic Physiology, And Momentary Emotion In Cardiac Arrest Survivors After Hospital Discharge  
**Michelle L. David, MHA**

**LATE BREAKING Paper Session 1: Mental Health**

Chair: Janet Tomiyama, PhD

**Room: Bahia 1**

603 / Maternal Care Predicts Neural And Behavioral Effects Of Oxytocin Administration During Empathic Accuracy In Schizophrenia And Matched Controls  
**Casey Brown, PhD**

**714** \ The Expression And Treatment Of Depression In Renal Dialysis Patients: A Qualitative Study In A Culturally Diverse Population Exploring Patient Perspectives  
**Simone Jayakumar**

**692** \ Body Dissatisfaction In Black Women Remains Stable Across Age 12 To Age 40 And Predicts Mental And Physical Health Outcomes  
**Jordan Parker**

**713** \ SARS-CoV-2 Infection And Depressive Symptoms Among Frail Individuals Living In Long-term Care Facility  
**Jean-Philippe Guoin, PhD**

**Paper Session 5: CAREGIVER HEALTH**

Chair: Sally Dickerson, PhD

**Room: Bahia 2**

191 / Role Of Familism In Neuroendocrine Functioning Among Spousal Caregivers Of Patients With Colorectal Cancer  
**Youngmee Kim, PhD**

296 / Klotho And Telomere Biology Among High- And Low-Stress Maternal Caregivers  
**Ryan Brown, PhD**

237 / Dyadic Investigation On The Roles Of Positive And Negative Social Support In Cardiovascular Functioning Among Adult Cancer Patient-Caregiver Dyads  
**Anna Amirov, AAS**

216 / Prospective Analysis Of 10-Year Risk Of Cardiovascular Disease During Caregiving For A Loved One With Cancer  
**Jennifer Steel, PhD**

**Paper Session 6: HOW NEIGHBORHOODS MAY AFFECT HEALTH**

Chair: Agus Surachman, PhD

**Room: San Felipe**

118 / Racial Residential Segregation, Neighborhood Environment And All-Cause Mortality Among Older Chinese Immigrants In The United States  
**Yanping Jiang, PhD**

209 / Neighborhood Social Capital And Psychosocial Stress Reactivity: Evidence From The Richmond Stress And Sugar Study  
**Kelly Peuquet, MBA/MPH**

173 / Longitudinal Associations Between Historical Redlining And Blood Pressure: The Multi-Ethnic Study Of Atherosclerosis  
**Xing Gao, MPH**

250 / Childhood Socioeconomic Disadvantage, Neighborhood Belonging, And Inflammation Among Adolescents  
**Michelle A. Chen, PhD**

**Paper Session 7: POSITIVE PSYCHOLOGICAL CONSTRUCTS & HEALTH**

Chair: Michael Stanton, PhD

**Room: Laguna 1 & 2**

326 / Does More Of The Good Life Lead To A Longer Life? Positive Experiences, Allostatic Load, And Risk Of Mortality  
**Tara Gruenewald, PhD**

166 / The Influence Of Gratitude On Trajectories Of Posttraumatic Stress Symptoms And Positive Mental Health In Healthcare Workers During The Covid-19 Pandemic  
**Mary Smirnova, BA**

254 / Positive Affect And Survival Over 6 Years In A Nationwide Sample  
**Gail Ironson, MD**

262 / Advancing The Study Of Intersectionality And Flourishing Through Natural Language Use  
**Julia Boehm, PhD**

**11:45am – 12:00pm**

**Coffee Break**

**San Juan Ballroom 5-8**

**12:00pm – 12:45pm**      **Plenary**

**TEDSTYLE Talk: Sociocultural context and biopsychosocial health: Lessons from Puerto Rico**  
Speaker: *Shakira Suglia*, ScD, MS, FABMR  
**Room: San Juan Ballroom 1-4**

**12:45pm – 1:45pm**      **Lunch on your own / networking**

**Wellness Activity:**  
**Mindfulness with Sara Matovic & Florencia Trespacios**  
**Room: Sol Boardroom**

**Roundtable Lunch:**  
**Cultivating DEI in Research Practice and Academia**  
(pre-registration required)  
**Room: The Link**

**1:45pm – 2:45pm**      **Concurrent Sessions**

**Paper Session 8: CANCER**  
Chair: Amanda Acevedo, PhD  
**Room: San Juan Ballroom 1-4**

208 / Contextual Stressors And 6-Year Mortality In Women With Breast Cancer  
**Maria M Llabre, PhD**

280 / Video-Conferenced Stress Management And Relaxation Training (Vsmart) Mitigates Increases In Cellular Immunosenscence In Distressed Older Women Undergoing Breast Cancer Treatment  
**Michael Antoni, PhD**

215 / Hopefulness And Hopelessness Are Associated With Different Inflammatory Profiles In Ovarian Cancer Patients  
**Rachel Telles, MA**

283 / Feasibility Of Systematically Screening For Medication Nonadherence At An Outpatient Breast Cancer Clinic  
**Nadia Liyanage-Don, MD, MS**

**Paper Session 9: ADVERSE CHILDHOOD EXPERIENCE & FUTURE DISEASE MECHANISMS AND OUTCOMES**  
Chair: Siobhán Griffin, PhD  
**Room: Bahia 1**

99 / Adverse Childhood Experiences And Adult Disease As Mediated By Risk Factors: Results From The Hispanic Community Health Study/Study Of Latinos Sociocultural Ancillary Study  
**Marissa A. Kobayashi, PhD**

329 / Associations Among Cardiac Vagal Regulation, Exposure To Adversity And Adiposity In Adolescents Experiencing Poverty: Variation By Race And Sex  
**Lori Francis, PhD**

362 / Sex Differences In The Association Between Childhood Trauma And Adult Inflammation In Daily Life  
**Brianna Natale, MS**

438 / Physical Abuse And Neglect Is Associated With Greater Body Mass Index: A Latent Profile Analysis  
**Francisco Marquez, ScM**

**Paper Session 10: MECHANISMS OF RUMINATION**  
Chair: Jacqueline Rodriguez-Stanley, MA  
**Room: Bahia 2**

322 / The Interactive Effects Of Rejection And Rumination On Diurnal Cortisol Among Adolescent Girls: A Daily Diary Study  
**Chrystal Vergara-Lopez, PhD**

618 / Rumination And Cardiovascular Recovery From Psychological Stress: Testing Multiple Models Of Recovery  
**Aisling Costello, PhD**

134 / Physiological And Emotional Responses To Anger Recall And Neutral Speech: The Role Of Trait Anger Rumination  
**Stefanie Duijndam, PhD**

**Paper Session 11: CLINICAL TRIALS FOR DEPRESSION IN SOMATIC DISEASE**  
Chair: Cora Weber, MD  
**Room: San Felipe**

89 / Depression Subtypes In Patients With Heart Failure With Reduced Ejection Fraction: A Secondary Analysis From The Randomized Controlled Hopeful Heart Trial  
**Monika Sadlonova, MD**

380 / Feasibility Of The Multinational, Eu-Funded Escape (Evaluation Of A Patient-Centred Biopsychosocial Blended Collaborative Care Pathway For The Treatment Of Multi-Morbid Elderly Patients) Trial  
**Christoph Herrmann-Lingen, MD**

172 / Effect Of Modernized Collaborative Care For Depression On Health Behaviors And Cardiovascular Disease Risk Factors: Results Of The Eimpact Trial  
**Matthew D. Schuiling, BA**

334 / Effect Of Modernized Collaborative Care For Depression On Brain-Derived Neurotrophic Factor (Bdnf) And Depressive Symptom Clusters: Data From The Eimpact Trial  
**Christopher A. Crawford, BA**

**Paper Session 12: BIOLOGICAL RESPONSE TO ENVIRONMENTAL CONTEXT**  
Chair: Kim Dienes, PhD  
**Room: Laguna 1 & 2**

304 / Cell-Free Mitochondrial Dna Is An Acute Biomarker Of Psychological Stress With Unique Kinetics In Blood And Saliva  
**Jeremy Michelson, PhD**

619 / Exaggerated Vasoconstriction During Psychological Stress In Post-Traumatic Stress Disorder: A Co-Twin Control Study  
**Zachary Martin, PhD**

84 / Physical Activity And Sleep Relate To Long-Term Antibody Maintenance Following Naturalistic Infection And/OR Vaccination In Older Adults  
**Anna Whittaker, PhD**

661 / Increases In Il-6 In Response To The Influenza Vaccine Predict Decrements In Response Inhibition  
**Gabriella Alvarez, MA**

**2:45pm – 3:00pm**      *Transition*

**3:00pm – 3:45pm**      **Concurrent Sessions**

**Paper Session 13: ADHERENCE IN HEART DISEASE**  
Chair: Allison Gaffey, PhD  
**Room: San Juan Ballroom 1-4**

613 / Depression And Adherence To Guideline-Directed Medical Therapies Following Coronary Intervention  
**Matthew Lapa, MD**

404 / The Role Of Psychological Factors In Adherence To Health Behaviors After Percutaneous Coronary Intervention: Effect Moderation By Cardiac Rehabilitation  
**Emma Douma, MSc**

538 / Posttraumatic Stress Symptoms Predict Ambulatory Heart Rate Independently Of Health Behaviors In Cardiac Patients After An Acute Hospitalization  
**Jeffrey Birk, PhD**

**Paper Session 14: GUT HEALTH**  
Chair: Youngmee Kim, PhD  
**Room: Bahia 1**

308 / Why Do Reflux Patients Press The Button? Factors Contributing To Real-Time Esophageal Symptom Reporting  
**Livia Guadagnoli, PhD**

310 / Associations Between Health Behaviours, Gi Symptoms, And Gut Microbiota In A Cross-Sectional Sample Of Cancer Survivors: Secondary Analysis From The Chemo-Gut Study  
**Julie Deleemans, PhD**

552 / Happy Gut Happy Mind: Associations Between Gut Microbes And Positive Emotion  
**Desiree Delgadillo, MA**

**Paper Session 15: WORK RELATED STRESS & HEALTH**  
Chair: Stefanie Duijndam, PhD  
**Room: Bahia 2**

561 / Examining The Effect Of Headspace On Reducing Everyday Stress Levels Among Working Adults  
**Matthew Zawadzki, PhD**

493 / The Impact Of Firefighter Work Schedule On Psychosomatic Symptoms  
**Nicole Bowles, PhD**

**Paper Session 16: EATING BEHAVIOR, DIABETES, AND CARDIOMETABOLIC HEALTH**  
Chair: Harley Layman, BA  
**Room: San Felipe**

388 / Disordered Eating Is Associated With Blunted Blood Pressure Reactivity And Poorer Habituation To Acute Psychological Stress  
**Adam O' Riordan, PhD**

311 / Ecological Momentary Assessment Of Emotional Distress And Treatment Adherence In Type 2 Diabetes  
**Jeffrey Gonzalez, PhD**

537 / Interactive Relations Of Glycated Hemoglobin Levels, Self-Identified Race, And Age To Subclinical Cerebrovascular Disease In Older Adults  
**Frances G. Alfonzo, BA**

**Paper Session 17: POST-TRAUMATIC STRESS AND SLEEP**  
Chair: Aric Prather, PhD  
**Room: Laguna 1 & 2**

443 / Association Of Posttraumatic Stress Disorder With Obstructive Sleep Apnea: A Twin Study  
**Amit Shah, MD, MSCR**

229 / Comorbid Insomnia And Sleep Apnea Influence Social Functioning: Variation By Ptsd Diagnosis  
**Patricia B. Pedreira, MS**

**3:45pm – 4:00pm**      *Coffee Break*  
**San Juan Ballroom 5-8**

**4:00pm – 5:15pm**      **Concurrent Sessions**

**Symposium 2: 155 / BIOBEHAVIORAL INFLUENCES ON ACCELERATED AGING IN CANCER SURVIVORS**  
Chair: Kelly E. Rentscher, PhD  
**Room: San Juan Ballroom 1-4**

485 / Mood Disturbances Contribute To An Accelerated Aging Phenotype In Childhood Cancer Survivors: The Childhood Cancer Survivor Study  
**Kelly E. Rentscher, PhD**

548 / Epigenetic Age Acceleration And Neuropsychological Symptoms Among Patients With Head And Neck Cancer  
**Canhua Xiao, RN, PhD**

553 / Socioeconomic Status And Sleep: Examining Biobehavioral Pathways In A Longitudinal Study Of Women With Breast Cancer  
**Yrvane Pageot, MA**

490 / Accelerated Epigenetic Aging In Older Breast Cancer Survivors With Poor Sleep Quality: The Thinking and Living with Cancer (TLC) Study  
**Judith E. Carroll, PhD**

**Paper Session 18: META-ANALYSES AND SYSTEMATIC REVIEWS**

Chair: DeWayne Williams, PhD

**Room: Bahia 1**

233 / Psychological And Exercise Interventions For Reducing Cardiovascular Reactivity And Enhancing Recovery: A Systematic Review And Meta-Analysis

**Mark Thomas, PhD**

437 / Racial Differences In Common Inflammatory Markers: A Systematic Review And Meta-Analysis

**Cameron Wiley, MA**

369 / Meta-Analysis Of The Effects Of Acute Exercise On Mood

**Ali Weinstein, PhD**

301 / Head-To-Head Comparison Of E-Health-Delivered Cognitive Behavioral Therapy For Insomnia (ECBT-I) And Face-To-Face Delivered CBT-I (F2F-CBT-I) - A Systematic Review And Meta-Analysis Of Equivalence

**Sofie Møgelberg Knutzen, MSc****Paper Session 19: HEALTH EFFECTS OF RELATIONSHIPS, OR THE ABSENCE THEREOF**

Chair: Kim Dienes, PhD

**Room: Bahia 2**

199 / Marital Negativity's Festering Wounds: The Emotional, Immunological, And Relational Toll Of Couples' Negative Communication Patterns

**Rosie Shrout, PhD**

624 / Lonely Days: The Unique Role Of Day-To-Day Loneliness In Biomarkers Of Aging And Physical Function

**Stephanie J. Wilson, PhD**

340 / Examination Of Links Between Social Connectedness, Diurnal Cortisol Profiles, And Inflammation In Older African American Adults

**Katherine Knauff, PhD**

260 / Social Connectedness And Health: Bringing Eudaimonic Well-Being Into The Mix

**Elliot Friedman, PhD****Symposium 4: 93: FROM SCREENING TO SURVIVORSHIP: IMPROVING BREAST AND COLORECTAL CANCER OUTCOMES AMONG SPECIAL POPULATIONS**Chair: *Patricia Moreno, PhD***Room: San Felipe**

587 / Predictors of Adherence to National Colorectal Cancer Screening Guidelines among Urban-Dwelling Diverse Adults

**Heidy N. Medina, PhD MPH**

337 / Coping Strategies and Psychosocial Resources among Women Living with Metastatic Breast Cancer: A Qualitative Study

**Blanca S Noriega Esquivas, MD, PhD**

338 / Area Deprivation, Health Outcomes, Biobehavioral Stress Processes and Stress Management Effects in Breast Cancer Patients in South Florida

**Michael H Antoni, PhD**

325 / Associations of Self-disclosure with Sleep in Cancer Patients and their Sleep-partner Caregivers: A Dyadic Investigation

**Thomas C Tsai, MS****Paper Session 20: EARLY BIOMARKERS OF HEALTH AND DISEASE**

Chair: Martin Picard, PhD

**Room: Laguna 1 & 2**

511 / Daily Stress And Eating Behaviors In Adolescents And Young Adults: Exploring The Role Of Cortisol Reactivity And Eating Styles

**Daryl O'Connor, PhD**

607 / Association Between Epinephrine, Bone Mineral Density, And Odds Of Osteoporosis In Puerto Rican Older Adults

**Liam Fouhy**

650 / Neural Mechanisms Underlying Individual Differences In Daily Affective Experiences And Cortisol Activity

**E. Lydia Wu-Chung, MA**

300 / Associations Between Historical Redlining And Leukocyte Telomere Length: The Multi-Ethnic Study Of Atherosclerosis (MESA)

**Elleni Hailu, MPH****5:15pm – 5:30pm****Transition****5:30pm – 6:30pm****Concurrent Sessions****Symposium 3: 67 CHALLENGING THE FUTURE OF DYADIC HEALTH ACROSS ADULTHOOD: LEVERAGING CLOSE RELATIONSHIPS TO PROMOTE HEALTHY AGING**Chair: *Stephanie J. Wilson, PhD***Room: San Felipe**

186 / Marital Satisfaction, Age, And Inflammatory Responses To A Spouse's Distress: The Downside Of A Happy Marriage In Older Adulthood

**Stephanie J. Wilson, PhD**

384 / Social Relationships and Epigenetic Aging in Older Adulthood: Results from the Health and Retirement Study

**Kelly E. Rentscher, PhD**

349 / A Couples-Based Intervention To Promote Physical Activity And Healthy Eating Among Obese Older Adults During Pandemic-Related Confinement Period: A Pilot Study

**Jean-Philippe Guoin, PhD**

348 / Family Caregivers' Emotional Well-Being Mediates The Association Between Emotional Impairments And Mortality In People With Neurodegenerative Disease

**Kuan-Hua Chen, PhD****Roundtable: Panel: Open Science**

Panelists: Daryl O'Connor, PhD, Suzanne Segerstrom, PhD, Janet Tomiyama, PhD

**Room: San Juan Ballroom 1-4**

**Roundtable: Grant Writing**  
**Room: San Cristobal**

**Mid/Senior Mentor/Mentee Reception**  
**Room: Laguna 1 & 2**

**6:30pm – 8:00pm**

**Poster Session 1**

**Room: San Juan Ballroom 5-8**

Poster presenters can put posters up anytime during the day. Take down immediately following the session.

**8:00pm – 9:30pm**

**Mentor/Mentee Reception**

**Room: Laguna 1 & 2**

**FRIDAY, MARCH 10**

**7:00am – 6:30pm**

**Annual Meeting Registration**  
**San Juan Foyer**

**11:30am – 11:45am**

**Transition**

**7:00am – 8:00am**

**Continental Breakfast-**  
**Room: San Juan Ballroom 5-8**

**Wellness Activity: YOGA**  
*provided by the hotel for registered guests*

**APS SIG Meeting:**  
**Affect Science in Medicine**  
**Room: Sol Boardroom**

**11:45am – 12:45pm**

**Concurrent Sessions**

**Invited Symposium 2: Considering Person- and Population-Level Differences to Promote Health in an Uncertain World**

Organizing Committee: *Stefanie Duijndam, PhD, Allison Gaffey, Agus Surachman, PhD, Nadia Liyanage-Don, MD*  
 Speakers: *Dr. Karin Coifman, Dr. Carolyn Fang, Karl Maier, PhD*

**Room: San Juan Ballroom 1-4**

**8:00am – 8:15am**

**Data Blitz**

Chair: *DeWayne Williams, PhD*  
**Room: San Juan Ballroom 1-4**

*Posters of the Day Data Blitz! Be sure to come early and learn about some of our most exciting poster presentations of the day in fast-paced 2 minute talks!*

**Paper Session 21: DISCRIMINATION & HEALTH**

Chair: *DeWayne Williams, PhD*  
**Room: Bahia 1**

377 / Discrimination And Sleep Problems Amongst Black, Latino/A/X, And White Emerging Adults: Testing For The Cultural Equivalence Of Measurement  
**Hector Lopez-Vergara, PhD**

506 / Self-Compassion As A Potential Moderator Between Perceived Discrimination, Verbal Violence And Chronic Stress In An Immigrant Sample In Germany  
**Felicitas Hauck, MSc**

275 / Differences In Ethnic Minority Fathers Experiences Of Discrimination And Stress  
**Annie Tong, BA**

684 / The Influence Between Testosterone, Emotional Regulation, and Social Support on Severity of Intimate Partner Violence Perpetration Among Hispanic Males on Probation  
**Maria Isabel Ramos Martinez, BA**

**8:15am – 9:00am**

**Plenary**

**Patricia R. Barchas Award Lecture**  
 Speaker: *Mary-Frances O'Connor, PhD*  
**Room: San Juan Ballroom 1-4**

**9:00am – 10:00am**

**Plenary**

**Presidential Address: Tené Lewis, PhD**  
**Room: San Juan Ballroom 1-4**

**10:00am – 10:15am**

**Coffee Break**  
**San Juan Ballroom 5-8**

**10:15am – 11:30am**

**Plenary**

**KEYNOTE: Boosting the Positive or Reducing the Negative, State of the Art and Way Forward**  
 Discussant: *Bruce Rollman, MD*  
 Speakers: *Laura Kubzansky, PhD, Andrew Steptoe, DSc.*  
**Room: San Juan Ballroom 1-4**

**Symposium 5: 230 Improving Neurodevelopmental Wellbeing: Challenging The Status Quo In Autism And ADHD Research And Clinical Practice**

Chair: *Lisa Quadt, PhD*  
**Room: Bahia 2**

400 / Neural and affective effects of interoceptive therapy in autistic adults  
**Sarah Garfinkel, PhD**

401 / NeuroPALS: Pathways to Autistic-Led Studies (PALS) in Clinical Neuroscience  
**Lisa Quadt, PhD**

234 / The Interoception Curriculum: A Guide to Developing Mindful Self-Regulation (IC©)  
**Kelly Mahler, MS, OTR/L**

469 / The expression of affective regulation in neurodivergence: the role of proprioception  
**Jessica Eccles, PhD, MD**

**Paper Session 22: TECHNOLOGICAL INNOVATION II**

Chair: Nina Kupper, PhD

**Room: San Felipe**

391 / Digital Health Approaches For Predicting PTSD: An Integrative Conceptual Model  
**Katharina Schultebrucks, PhD**

545 / Engagement And Clinical Outcomes Of A Digital Mental Health Benefit  
**Lydia Roos, PhD**

324 / Feasibility And User Experience Of A 2-Month Digital Phenotyping Study Of People With Diabetes And A Control Group  
**Amy Mc Inerney, MSc**

638 / Feasibility, Engagement, And Efficacy Of A Digital Health Program With Human Coaching For Migraine And Headache  
**Michael Stanton, PhD**

**Paper Session 23: DEPRESSION ASSOCIATED RISK FACTORS FOR MORBIDITY AND MORTALITY**

Chair: Siobhán Griffin, PhD

**Room: Laguna 1 & 2**

448 / Excess Risk Of Hospitalisations For Physical Illness In People With Depression: An Outcome-Wide Multicohort Study  
**Philipp Frank, MSc**

170 / Higher Inflammatory Signaling Predicts Future Depression Severity Among Adolescents With Lower Emotional Clarity  
**Allyson T. Bisgay, BA**

601 / Social Engagement, Allostatic Load, And Mortality Among Older Puerto Ricans  
**Luis M. Falcon, PhD**

368 / Winter Blunts Associations Between Retinal Responsivity And Circadian Timing  
**Delainey Wescott, MS**

**12:45pm – 2:00pm Lunch Break and activities**

**Psychosomatic Medicine Meeting**  
(invitation only)  
**Room: San Cristobal**

**APS SIG Meeting: Sexual Minority Health**  
**Room: Luna Boardroom**

**APS SIG Meeting: Psychosocial Wellbeing and Health**  
**Room: The Link**

**APS SIG Meeting: Digital and Telemental Health**  
**District Lounge/Lobby Bar**

**1:30pm – 2:00pm Wellness Activity: Mindfulness with Sara and Florencia**  
**Room: Sol Boardroom**

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

**Symposium 6: 185 Mechanisms Linking Adversity To Health Across The Life Course**

Chair: *Ruth A Hackett, PhD*

**Room: San Juan Ballroom 1-4**

451 / The Association Between Interpersonal Discrimination And Blood Pressure In Adolescents  
**Adolfo G Cuevas, PhD**

450 / Neighborhood Quality is Associated with Elevated Blood Pressure in Adolescents  
**Danielle M, Krovath**

452 / The Relationship Between Sex Discrimination And Mental Wellbeing In Middle-Aged And Older Women  
**Ruth A Hackett, PhD**

453 / The Combined Effect Of Socioeconomic Status And C-Reactive Protein For Predicting Incident Cardiometabolic Disease: Findings From A 14-Year Follow-Up Study Of The English Longitudinal Study Of Ageing (ELSA)  
**Lydia Poole, PhD**

**Symposium 7: 207 Multi-level Adversities and Health: Relationships with Neural, Cardiometabolic and Mental Health Outcomes**

Chair: *Layla Banihashemi, PhD*

**Room: Bahia 1**

213 / Relationships Among Childhood Adversity, Central Visceral Network and Adulthood Cardiovascular Stress Reactivity in an Abuse-Enriched Sample  
**Layla Banihashemi, PhD**

284 / Historical and Childhood Trauma: Implications For Mental And Cardiometabolic Health In American Indian Adults  
**Annie T. Ginty, PhD**

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247 / Momentary Examinations of Socioeconomic Status-Related Identity, Threat, and Resilience and Ambulatory Blood Pressure  
**Nataria Joseph, PhD**

497 / Independent and Interactive Associations among Perceived Discrimination, Perceptions of Structural Racism, and Blood Pressure  
**Tanisha Burford, PhD**

**Paper Session 24: INDIVIDUAL DIFFERENCES IN CARDIOVASCULAR DISEASE**

Chair: Allison Gaffey, PhD  
**Room: Bahia 2**

415 / Patient Profiles Related To Telehealth Satisfaction In Cardiology Outpatients During The Covid-19 Pandemic  
**Willem Kop, PhD**

203 / Race Moderates The Association Between Post Traumatic Stress Disorder And Cardiovascular Risk  
**Stephanie Cook, DrPH, MPH**

496 / Association between shift-and-persist and cardiometabolic markers and dysregulation among young adults in Puerto Rico  
**Andrea Lopez-Cepero, PhD, MPH**

456 / Men And Women Have To Be Looked At Differently – Procoagulant Markers In Depressed Coronary Artery Patients From The SPIRR CAD Trial  
**Cora Stefanie Weber, MD**

**Paper Session 25: EXPERIENCE SAMPLING AND BIOLOGICAL VARIABLES**

Chair: Youngmee Kim, PhD  
**Room: San Felipe**

465 / Greater Ecologically-Assessed Positive Experiences Predict Heightened Sex Hormone Concentrations Across Two-Weeks In Older Adults  
**Erik L. Knight, PhD**

375 / Heart Metrics From Wearable Sensors At Night Predict Next-Day Pain Reports: Two Studies Of Primary Chronic Pain  
**Veronica Dudarev, PhD**

651 / Does Headspace Improve Sleep Quality In Daily Life: A Daily Diary Study Of App-Based Mindfulness Meditation And Sleep  
**Matther Zwadzki, PhD**

387 / The Daily Dynamics Of Stress And Self-Reported Attention: Moderation By Physical Activity And Age  
**Nicole Stuart, BA**

**Paper Session 26: AGING AND LIFESPAN RESEARCH**

Chair: Paige Green, PhD  
**Room: Laguna 1 & 2**

534 / Impact Of Psychosocial Stress In Early Life On Dna Methylation Pace Of Aging In Young Adulthood  
**Shaoyong Su, PhD**

126 / Life-Course Social Participation And Physical Activity In Midlife: Longitudinal Associations In The 1970 British Cohort Study (BCS70)  
**Stergiani Tsoli, MPhil**

458 / Associations Between Childhood Stress Exposures, Stress Hormones, And Biological Aging In Midlife Adults  
**Jenna Hansen, BS**

565 / Life Course Socioeconomic Status And Biological Aging Indicators Among Black And White Women In National Growth And Health Study  
**Agus Surachman, PhD**

**3:00pm – 3:15pm**

**Coffee Break**  
**San Juan Ballroom 5-8**

**3:15pm – 4:30pm**

**Concurrent Sessions**

**Paper Session 27: CARDIOMETABOLIC RISK IN THE YOUNG AND THE OLD**

Chair: Harley Layman, BA  
**Room: San Juan Ballroom 1-4**

98 / Associations Between Cardiorespiratory Fitness And Hippocampal Subfield Morphology In Older Adults  
**Hayley Ripperger, MS**

273 / Eating Behaviors As Pathways From Early Childhood Adversity To Adolescent Cardiometabolic Risk  
**Jenalee Doom, PhD**

175 / Adolescents' Perceived Support From Friends Moderates The Link Between Parents' Subjective Social Status And Adolescents' Systemic Inflammation  
**Tao Jiang, PhD**

123 / The Role Of Family Context In Shaping Depressive Symptoms And Cardiometabolic Risk In Childhood  
**Julie M. Brisson, BA**

239 / Psychological Well-Being As A Determinant Of Cardiovascular Disease Risk And Related Biological Processes In Older Adults: A Prospective Study  
**Farah Qureshi, PhD**

**Symposium 8: 206 Moving toward a precision-based framework for psychosomatic medicine**

Chair: *Cristina Ottaviani, PhD, PsyD*  
**Room: Bahia 1**

316 / Changes in interoceptive processes by theta burst stimulation of the insular cortex: a combined TMS/fMRI study  
**Cristina Ottaviani, PhD, PsyD**

211 / Mechanistic relevance of false physiological feedback studies to the understanding of somatic symptoms  
**Hugo Critchley, MD DPhil FRCPsych**

317 / Altered cardiac signatures and changes in multisensory integration as novel mechanisms underlying dissociation  
**Sarah Garfinkel, PhD**

318 / The association of pulse pressure with brain function in healthy individuals  
**Andy Schumann, PhD**

**Symposium 9: 62 Studying Naturalistic Health And Health Behaviors Of Individuals And Dyads Using Innovative Technologies**

Chair: *Kuan-Hua Chen, PhD*  
**Room: Bahia 2**

258 / Large Scale Mobile Sensing to Assess Physiological and Psychological States in Daily Life  
**David Newman, PhD**

106 / Remotely Measured In-Home Co-Location of Dementia Caregivers and Care Recipients is Associated with Changes in Caregivers' Depressive Symptoms  
**Kuan-Hua Chen, PhD**

256 / Daily Double Steps: Concordance of Daily Physical Activity between Persons with Type 2 Diabetes and their Partners  
**Josh Novak, PhD**

109 / Naturalistic Observation of Couples' Dyadic Management of Type II Diabetes Mellitus  
**Janina Lüscher, PhD**

**Paper Session 28: PHYSIOLOGICAL AND EMOTIONAL REACTIVITY TO STRESS**

Chair: *Jacqueline Rodriguez-Stanley, MA*  
**Room: San Felipe**

309 / Distressed About The Stress Response: Associations Between Hormonal Contraceptive Use, Women's Stress Responses, Inflammation, And Mood  
**Summer Mengelkoch, PhD**

531 / Bodily Freezing As A Response To Acute Psychosocial Stress  
**Luca Abel, MSc**

374 / Evaluation Of The Association Of Parental And Young Adult Socio-Economic Status Variables With Cardiovascular Physiology In Rest And In Response To Stress Induction; The PheMore Study  
**Nina Kupper, PhD**

637 / Airway Response To Emotion-Induction By Films Is Associated With Fmri Bold Activation In Cortical And Subcortical Regions  
**Thomas Ritz, PhD**

**Paper Session 29: THE LATEST IN NEUROSCIENCE**

Chair: *Peter Gianaros, PhD*  
**Room: Laguna 1 & 2**

459 / Somatic Symptoms And Brain Morphology: A Population Neuroimaging Study In 12,286 Pre-Adolescents  
**Fernando Estevez-Lopez, PhD**

421 / Examining Peer Relationships As Moderators Of Socioeconomic Status And Network Connectivity In Adolescents  
**Erin Bender, BS**

320 / Intrusive Thinking Alters Gabaergic And Glutamatergic Neurotransmission Within Anterior Cingulate Cortex And Related-Functional Connectivity  
**Martino Schettino, MS**

187 / Heart Rate Variability Is Associated With Global Cognition And Cognitive Impairment  
**Richard Sloan, PhD**

4:30pm – 4:45pm

*Transition*

4:45pm – 5:45pm

*Concurrent Sessions*

**SESSION: DISINFORMATION, MISCOMMUNICATION, AND GROUP THINK: EFFECTIVELY SHARING BIOBEHAVIORAL SCIENCE FOR HEALTH PROMOTION AND PREVENTION**

Presenters: *Simon Williams, PhD Tené Lewis, PhD, Diana Chirinos, PhD, Suzanne Segerstrom, PhD, Mayra Vega*  
**Room: San Juan Ballroom 1-4**

**DOCUMENTARY SCREENING: *The Power of the People: A Collective Struggle for Life and the Environment***  
**Room: Bahia 1**

6:00pm – 7:30pm

*Poster Session 2*

**Room: San Juan Ballroom 5-8**

Poster presenters can put posters up anytime during the day. Take down immediately following the session.

7:45pm– 9:30pm

*Past Leaders Dinner*

Offsite (*invitation only*)

Meet in lobby at 7:30pm or take a taxi to the restaurant.

*Emerging Leaders Social Hour*

*Light hors d'oeuvres will be served*

**Room: District Lounge/Lobby Bar**

Open to all trainees.

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7:30am – 6:00pm **Annual Meeting Registration**  
*San Juan Foyer*

12:45pm – 1:45pm **Lunch on your own**

7:30am – 8:30am **Continental Breakfast**  
*Room: San Juan Ballroom 5-8*

**Round Table Luncheons**  
*(pre-registration required)*

**Wellness Activity: YOGA**  
*provided by the hotel for registered guests*

**Roundtable: Climate Change Sustainability and Health SIG**  
**Welcome and Connect**  
*Room: The Link*

8:30am – 9:30am **APS Members Meeting**  
*Room: San Juan Ballroom 1-4*

**Roundtable: Antiracism Task Force**  
Facilitators: Briana Mezuk, PhD & Michael Stanton, PhD  
*Room: District Lounge/Lobby Bar*

9:30am – 9:45am **Transition**

**Roundtable: Awards Committee: Navigating the Academy - Gaining Honors as an Early Career Researcher**  
Facilitator: Aric Prather, PhD  
*Room: Sol Boardroom*

9:45am – 10:00am **Data Blitz**  
Chair: Cora Weber, MD  
*Room: San Juan Ballroom 1-4*

*Posters of the Day Data Blitz! Be sure to come early and learn about some of our most exciting poster presentations of the day in fast-paced 2 minute talks!*

1:00pm – 2:00pm **Psychosomatic Medicine Strategy Revisit**  
*(invitation only)*  
*Room: San Cristobal*

10:00am – 11:30am **Plenary – Award Lectures**

**Herbert E. Weiner Early Career Award Lecture**  
Awardee: *Martin Picard, PhD*  
*Room: San Juan Ballroom 1-4*

**Paul D. McLean Award Lecture**  
Awardee: *Lisa Barnes, PhD*  
*Room: San Juan Ballroom 1-4*

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

**Invited Symposium 3: MAINTAINING OPTIMUM HEALTH IN CHRONIC CONDITIONS – BIO-PSYCHO-SOCIAL INTERVENTIONS IN CARDIOVASCULAR AND CANCER MEDICINE**

Organizers: Youngmee Kim, PhD, Michael Stanton, PhD  
Presenters: Paige Geen, PhD Brian Gonzalez, PhD, Claudia Trudel-Fitzgerald, PhD, Heather Tulloch, PhD  
*Room: San Juan Ballroom 1-4*

11:30am – 11:45am **Coffee Break**  
*San Juan Ballroom 5-8*

11:45am – 12:30pm **Plenary**

**LATE BREAKING: QUALITATIVE RESEARCH**

Chair: Amando Acevedo, PhD  
*Room: Bahia 1*

269 / Medication Adherence In Patients Following Hematopoietic Stem Cell Transplantation: A Qualitative Study  
**Hermioni Amonoo, MD**

156 / Living With Spontaneous Coronary Artery Dissection: A Multicenter, Patient-Informed Investigation  
**Karen Bouchard, PhD**

714 \ The Expression And Treatment Of Depression In Renal Dialysis Patients: A Qualitative Study In A Culturally Diverse Population Exploring Patient Perspectives  
**Simone Jayakumar, PhD**

696 / Understanding Behaviours in Response to Respiratory Infections: The CARI Cymru Study  
**Kimberly Dienes, PhD**

**Award Lecture: Martica Hall Award in Sleep Medicine:**  
Speaker: *Michael Irwin, MD*  
*Room: San Juan Ballroom 1-4*

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**Paper Session 30: SOCIO-ECONOMIC INFLUENCES ON HEALTH**

Chair: Mike Stanton, PhD

**Room: Bahia 2**473 / Social Mobility And Immunometabolic Risk At Mid-Life  
**Kristina Dickman, MS**403 / Everyday Discrimination, Education, And Subclinical Atherosclerosis In Early Midlife African-American Women  
**Jennifer Wells, MPH**546 / Subjective Social Status Among Mothers With Neurotypical And Neurodiverse Children  
**Agus Surachman, PhD**169 / Is Lower Subjective Social Status Uniquely Associated With Multiyear, Longitudinal Increases In Circulating Levels Of Interleukin-6 Independently Of Objective Socioeconomic Status?  
**Emily Jones, PhD****Paper Session 31: BIOLOGICAL PROCESSES RELEVANT TO PSYCHOSOMATIC HEALTH**

Chair: Paige Green, PhD

**Room: San Felipe**367 / Predictive Power Of The Neuro-Immunomodulatory Index (Nim) At Hospital Admission Of Covid-19 Patients For Covid-Related Outcomes – A Retrospective Study  
**Marc N. Jarczok, Dr.**655 / Racial Differences In The Relationship Between C-Reactive Protein And Left Ventricular Mass  
**Julia Birenbaum, BS**471 / Does Race Moderate The Relationship Between Heart Rate Variability And Preclinical Cardiovascular Disease?  
**Chrystal Spencer, BA**705 \ Brain Atrophy In Anorexia Nervosa, but Increase With Clinical Symptoms in the Prefrontal and Posterior Insular Cortices: A Multicenter Neuroimaging Study  
**Atsushi Sekiguchi, MD****Symposium 10: 61 LEVERAGING EMA DATA IN THE BIOBEHAVIORAL EXAMINATION OF LONELINESS**

Chair: Kayla T. Thompson, MS

**Room: Laguna 1 & 2**341 / Daily associations between inflammation and experiences of social connection with a close other  
**Tatum A. Jolink, MA**342 / Examining the vicious cycle of loneliness and anxiety among older adults in daily life  
**Karina Van Bogart, MS**339 / Examining how momentary loneliness relates to subjective and objective sleep outcomes: Comparing average, max, and variability daily loneliness scores  
**Kayla T. Johnson, MS**

3:00pm – 3:15pm

**Coffee Break****San Juan Ballroom 5-8**

3:15pm – 4:15pm

**Concurrent Sessions****Symposium 11: 235 MITOCHONDRIA PSYCHOBIOLOGY**

Chair: Caroline Trumpff, PhD

**Room: San Juan Ballroom 1-4**236 / Psychosocial Experiences And The Mitochondrial Brain Proteome In Older Adults  
**Caroline Trumpff, PhD**578 / Compromised Mitochondrial Energy Metabolism And related DNA Damage In Peripheral Blood Mononuclear Cells Of Female Patients With Borderline Personality Disorder  
**Alexander Behnke, PhD**598 / Mitochondrial Psychobiology and the Energetic Cost of Stress Responses  
**Martin Picard, PhD**593 / The Role Of Brain Mitochondrial Respiration In The Behavioral Effects Of Chronic Gestational Stress Exposure  
**Erin Gorman-Sandler, PhD Candidate****Paper Session 32: INTERVENING ON BIO-BEHAVIORAL SYMPTOMS**

Chair: Stefanie Duijndam, PhD

**Room: Bahia 1**444 / Change In Emotional Eating, Inflammation, And Metabolic Markers Across Two Behavioral Weight Loss Programs  
**Kelsey Sinclair, MA**306 / Effects Of 12 Weeks Of App-Based Exercise On Depressive Symptoms Of Healthcare Workers: A Randomized Controlled Trial  
**Vincent Gosselin Boucher, PhD**449 / Predictors Of Treatment Response Trajectories In Chronic Fatigue Syndrome  
**Maaik Van den Houte, PhD**700 \ Obesity And Immune Challenge Modulate The Willingness To Expend Effort For Reward  
**Iris Ka-Yi Chat, MA****Paper Session 33: PREDICTORS OF CARDIOMETABOLIC HEALTH**

Chair: Cora Weber, MD

**Room: Bahia 2**381 / Beat-To-Beat Low Frequency Blood Pressure Variability Is Different From Visit-To-Visit And Ambulatory Blood Pressure Variability  
**Tara Gruenewald, PhD**413 / Relationship Between Myocardial Infarction Severity And Subsequent Distress: The Vagus Sets The Tone  
**Reham Dyab, MA**

494 / Association Between Psychological Distress From Natural Disasters And Adiposity Among Young Adults In Puerto Rico  
**Andrea Lopez-Cepero, PhD**

558 / Is Cardiorespiratory Fitness Protective Against The Negative Effects Of Air Pollution On Brain Health? Cross-Sectional Results From The 4HAIE Study  
**Vera Jandackova, PhD**

**Symposium 12: 72 UNDERSTANDING MULTI-LEVEL DETERMINANTS OF RISK AND RESILIENCE IN NATIVE POPULATIONS**

Chair: *Wendy Troxel, PhD*  
**Room: San Felipe**

158 / Objectively and Subjectively Measured Sleep Disturbances Predict Adverse Cardiometabolic and Behavioral Health Outcomes in Urban American Indian/ Alaska Native Youth  
**Wendy Troxel, PhD**

184 / A Latent Profile Analysis to Examine Risk and Resilience in Urban, American Indian/ Alaska Native Teens  
**Anthony Rodriguez, PhD**

190 / Risk and protective factors of social networks on alcohol and cannabis use among urban American Indian/Alaska Native emerging adults  
**Elizabeth D'Amico, PhD**

176 / Optimizing the development of a family-based behavioral intervention for urban AI/AN families residing outside of reservations and tribal lands  
**Daniel Dickerson, DO, MPH**

**LATE BREAKING 3: CLINICAL WORK**

Chair: Siobhan Griffin, PhD  
**Room: Laguna 1 & 2**

648 / Positive Affect Treatment Targets Physiological, Behavioral, And Experiential Reward Hyposensitivity: A Randomized-Controlled Trial  
**Alicia Meuret, PhD**

680 \ The 12-month Cost-effectiveness Of Telephone-delivered "Blended" Collaborative Care For Treating Heart Failure And Comorbid Depression  
**Bruce Rollman, MD, MPH**

682 \ To Avoid or not to Avoid: The Paradox of Pain-related Avoidance in Feeling Safe and Strategies to Prevent Relapse  
**Ann Meulders, PhD**

683 / Intergenerational Co-production to Increase Physical and Social Activity For Health in the GOALD project (Generating Older Active Lives Digitally)  
**Anna Whittaker, PhD**

**4:15pm – 5:45pm**

**Poster Session 3**

**Room: San Juan Ballroom 5-8**

Poster presenters can put posters up anytime during the day. Take down immediately following the session.

**6:00pm – 7:00pm**

**Council/Committee Chair/ SIG Chair Reception**

**Room: Bella Vista Terrace**

**7:00pm – 11:00pm**

**CLOSING BANQUET**

(ticket required)

**Room: San Juan Ballroom 1**



Continuing Education (CE) Language | American Psychosomatic Society 80th Annual Meeting | March 8-11, 2023 | Puerto Rico



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## 2023 Awards of the American Psychosomatic Society

**Distinguished Scientist Award:** Julian F. Thayer, PhD

**Patricia R. Barchas Award:** Mary-Francis O'Connor, PhD

**Herbert E. Weiner Early Career Award:** Martin Picard, PhD

**Paul D. MacLean Award:** Lisa Barnes, PhD

**Martica Hall Sleep Medicine Award:** Michael Irwin, MD

**Cousins Center Global Outreach Award:** Sagar Lavania, MD

### APS 2023 Young Investigator Colloquium

Stephanie Cook, DrPH, MPH

Maria Di Bello, PhD

Wilson Figueroa, PhD

Siobhán Griffin, PhD

Katrina Hamilton, PhD

Yanping Jiang, PhD

Emily Jones, PhD

Rachel Koffer, PhD

Thomas Kraynak, PhD

Lincoln Lo, PhD

Andrea Lopez-Cepero, PhD, MHSN

Rebecca (Becky) Salomon, PhD, MSN

### APS Scholar Awards

Anna Amirov, AAS

Christopher Crawford, BA

Katherine Knauff, PhD

Zachary Martin, PhD

Amy Mc Inerney, MSc

Josh Murillo, BA

Brianna Natale, MS

Jacqueline O'Brien, PhD

Matthew Schuiling, BA

Ashley Splain, BS

Alexandra Tyra, MA

#### Diversity Travel Award

Francisco Marquez, MSc

Praise Owoyemi, MA

Patricia Pedreira, MS

Jacqueline Rodriguez-Stanley, MA

Ivanova Veras de Jesus, BS

Cameron Wiley, MA

Michelle Williams, MS

Adrian Williams, MS

#### Hall Travel Award

Amit Shah, MD, MSCR

Delainey Wescott, MS

#### Travel Award for MacLean Scholars

Morgan Gianola, PhD

Hayley Ripperger, MS

#### LGBT Travel Award

Hyun-Ju Kim, PhD

Megan Strickland, MS

#### MD Travel Award

Ayesha Khan, BS

Palwasha Najeeb, MS

# APS Annual Scientific Meeting – March 8-11, 2023 – Puerto Rico

## APS 2023 FAPS Recipients

Michael Antoni, PhD  
Hugo Critchley, DPhil  
Hans-Christian Deter, MD  
Paige Green, PhD, MPH, FABMR  
Michael Irwin, MD  
Youngmee Kim, PhD  
Richard Lane, MD, PhD  
Tené Lewis, PhD

Joan Monin, PhD  
Urs Nater, PhD  
Mary-Francis O'Connor, PhD  
Daryl O'Connor, PhD  
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Sarah Pressman, PhD  
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Kristen Salomon, PhD  
Joseph E. Schwartz, PhD  
Andrew Steptoe, DSc  
Shari Waldstein, PhD  
Karen Weihs, MD  
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Gail Ironson, MD, PhD, Immediate Past President  
Peter Gianaros, PhD, President-Elect  
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Janet Tomiyama, PhD

Laura E. Degnon, CAE, Executive Director  
Connie Mackay, CAE, Associate Executive Director

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Nida Ali  
Christopher Celano  
Kimberly Dienes  
Stefanie Duijndam  
Allison Gaffey

Siobhan Griffin  
Youngmee Kim  
Harley Layman  
Nadia Liyanage-Don  
Andrea Lopez-Cepero  
Martin Picard

Jacqueline Rodriguez-Stanley  
Michael Stanton  
Agus Surachman  
Cora Weber  
Kristi White  
DeWayne Williams

# APS Annual Scientific Meeting – March 8-11, 2023 – Puerto Rico

## 2023 Abstract Reviewers

Amanda Acevedo	Katie Ehrlich	Yanping Jiang	Josh Murillo	Agus Surachman
Tiwaloluwa Ajibewa	Christopher Engeland	Jillian Johnson	Brianna Natale	Yvette Szabo
Mustafa al'Absi	Fernando Estevez-	Emily Jones	Urs Nater	Claudia Trudel-
Nida Ali	Lopez	Gaston Kapuku	Cristina Ottaviani	Fitzgerald
Kimberly Bell	test fields	Jacqueline Kim	Kristina Pagel	Julie Turner-Cobb
Julia Boehm	Kristen Fox	Youngmee Kim	Elizabeth Pantesco	Karina Van Bogart
Jennifer Boylan	Allison Gaffey	Erik Knight	Divyanka Pawaskar	Maaike Van Den
Ryan Brindle	Annie Ginty	Thomas Kraynak	Hollie Pellosmaa	Houte
Matthew Burg	Elana Gloger	Juliet Kroll	Deidre Pereira	Melissa M.
Mary Carson	Jennifer Graham-	Ian Kronish	Martin Picard	VanderKaay
Christopher Celano	Engeland	Ambar Kulshreshtha	Megan Renna	Tomasulo
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Iris Ka-Yi Chat	Jeff Greeson	Tamara Lacourt	Jacqueline Rodriguez-	Cora Weber
Diana Chirinos	Siobhán Griffin	Harley Layman	Stanley	Katja Weimer
Dalnim Cho	Tara Gruenewald	Sharon Lee	Kristen Salomon	Jin Wen
Stephanie Cook	Anne-Josée Guimond	Nadia Liyanage-Don	Timothy Sannes	Cheng Wen
Matt Cribbet	Misty Hawkins	Alejandra Lopez	David Schechter	Shannon White
Danielle Dalechek	Sari Holmes	Andrea Lopez-Cepero	Joseph Schwartz	DeWayne Williams
Andrea Decker	Zhenpeng Huang	Carissa Low	Kayla Marie Sizemore	Stephanie Wilson
Hans-Christian Deter	Alisa Huskey	Mark Lumley	Amanda Small	Dakota Witzel
Kristina Dickman	Angela Incollingo	Anna Marsland	Edie Sperling	Kazuhiro Yoshiuchi
Kimberly Dienes	Rodriguez	Naomi McKay	Michael Stanton	Robert Zachariae
Meaghan Donewar	Karen Jakubowski	Laura Meli	Jesse Stewart	Matthew Zawadzki
Veronica Dudarev	Larry Jamner	Thais Muratori	Brennan Streck	Samuele Zilioli
Stefanie Duijndam	Marc Jarczok	Holanda	Shaoyong Su	

### 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 Registration Desk.

**Funding for this conference** was made possible, in part by Grant Number: 1R13AG066393-01 from the National Institute on Aging. 'The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention by trade names, commercial practices, or organizations imply endorsement by the U.S. Government.

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