

# APS 79th Annual Scientific Meeting

## EMBRACING HETEROGENEITY: TOWARDS A MORE INCLUSIVE, AND PATIENT-TAILORED CLINICAL CARE

MARCH 23-26, 2022  
LONG BEACH, CALIFORNIA



## 2022 Program Book

### WEDNESDAY, MARCH 23

**7:30am – 7:00pm**      **Annual Meeting Registration**  
*International Ballroom Foyer*

**8:00am – 12:00pm**      **APS Council Meeting**  
*(invitation only)*  
**Room: Pacific II**

**8:30am – 12:30pm**      **Young Investigator Colloquium**  
**Diversity Travel Scholars Program**  
**MD Travel Scholars Program**  
*(invitation only)*  
**Room: International II**

**8:30am – 4:30pm**      **Full Day Workshop**  
*(pre-registration required)*  
**Psychophysiological Mechanisms Underlying**  
**Intersectionality and Structural Barriers to Health**  
Organizing Committee: Jenny Cundiff, PhD, DeWayne Williams, PhD, Cora Weber, MD, PhD, Jennifer Boylan, PhD  
Faculty: *Julian Thayer, PhD, Mike Stanton, PhD, Wizdom Powell, PhD, Tiffany Powell Wiley, MD, MPH*  
**Room: Atlantic I**

**8:30am – 12:00pm**      **Morning Workshop**  
*(pre-registration required)*  
**Strategies for Engaging Communities in Research**  
Organizing Committee: Thomas Kamarck, PhD, Youngmee Kim, PhD  
Faculty: *Hayley S. Thompson, PhD, Alison Herrmann, PhD, Carrie Leach, PhD, Voncile Brown-Miller*  
**Room: Pacific I**

**12:30pm – 4:30pm**      **Afternoon Workshop**  
*(pre-registration required)*  
**Systematic Review, Meta-analysis, and their Implications for Patient Care**  
Chair: Dr. Emily A. Hennessy  
Faculty: *Daryl O'Connor, PhD, Suzanne Segerstrom, PhD and Rona Moss-Morris, PhD*  
**Room: Pacific I**

**4:45pm – 5:15pm**      **Opening Session - Plenary**  
Welcome and 2022 Awards Recognition  
**Room: International III, IV, V**

**5:15pm – 6:05pm**      **Plenary**  
**Distinguished Scientist Award Lecture**  
Introduction: Suzanne Segerstrom, PhD & Julian Thayer, PhD  
Speaker: *Martica Hall, PhD*  
**Room: International III, IV, V**

**6:05pm – 6:45pm**      **Plenary**  
**Fellow of APS (FAPS) Recognition**  
Speaker: *Gail Ironson, MD*  
**Room: International III, IV, V**

**6:45pm – 8:15pm**      **Citation Poster Session**  
**Promenade and Foyer**  
Poster presenters can put posters up starting at 2:00pm. Take down immediately following the session.

**7:00am – 6:30pm**      **Annual Meeting Registration**  
*International Ballroom Foyer*

**7:00am – 8:00am**      **Continental Breakfast**  
*Promenade and Foyer*

**Wellness Activity:**  
**Morning walk to Espresso Bar**  
*with Stefanie Duijndam*  
**Meet in the hotel lobby**

**Travel & Diversity Scholars:**  
**How Behavioral Medicine and**  
**Epidemiology Together Can**  
**Enhance Your Science: Lessons**  
**from SWAN**  
**Room: Mediterranean I, II**

**First Time Attendee/New Member**  
**Welcome Breakfast**  
**Room: Catalina**

All new, prospective, and curious APS members and meeting attendees are encouraged to attend. 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 APS. This is a great opportunity to kick off the meeting by experiencing the welcoming culture of APS.

**8:15am – 9:15am**      **Concurrent Sessions**

**Paper Session 1: MECHANISMS IN PSYCHO-ONCOLOGY**  
Chair: Youngmee Kim, PhD  
**Room: International II**

1269 / Fatigue In Patients With Breast Cancer Is Associated With Leukocyte Metabolic Activity  
**Tamara E. Lacourt, PhD**

1253 / Effect Of Self-Regulation On Sleep In Colorectal Cancer Patients: The Mediating Role Of Negative Affect Recovery  
**Thomas C. Tsai, BS Psychology**

1557 / Physiological Benefits Of Breast Cancer Survivors' Satisfying Relationships Across Treatment: Implications For Aging  
**M. Rosie Shrout, PhD**

**Paper Session 2: MECHANISMS OF POSTPARTUM HEALTH OF MOTHER AND CHILD**  
Chair: Michele Okun, PhD  
**Room: Atlantic I, II**

1185 / Differential Contributions Of Prenatal Sociodemographic Stressors Versus Psychological Stress To Infant Telomere  
**Rebecca E. Salomon, PhD**

1192 / Relationships Between Maternal Early Life Stress Exposure, Parenting Behaviors, And Infant Heart Rate Variables  
**Corinne Sejourne, BA**

1361 / Child Hair Cortisol And Positive Parenting Behaviors In The Context Of Maternal Borderline Personality Disorder  
**Jacqueline R. O'Brien, MS**

**Paper Session 3: TECHNOLOGICAL INNOVATIONS IN STRESS AND TRAUMA RESEARCH**

Chair: Riley O'Neill, BS  
**Room: Catalina**

1519 / Effect Of Acute Psychosocial Stress On Body Movements  
**Nicolas Rohleder, PhD**

1398 / Digital Biomarkers For Predicting Ptsd, Depression, And Burnout In Emergency Department Clinicians  
**Katharina Schultebrucks, PhD**

1577 / Facial Emotion Expression And Psychological Background Factors As Related To The Inducibility Of Myocardial Ischemia During Cardiac Stress Testing  
**Willem J. Kop, PhD**

1516 / Exploring The Cold Face Test As A Mechanism For Reducing Acute Psychosocial Stress Responses  
**Robert Richer, MSc**

**Paper Session 4: TACKLING INDIVIDUAL DIFFERENCES IN MECHANISMS AND SYMPTOM PRESENTATION IN SEVERAL PSYCHIATRIC SAMPLES**

Chair: Ben Lee, MD  
**Room: International I**

1506 / The “Culture” Of Cuddling: Are Microbes Linked To Social Behavior?  
**Desiree Delgadillo, MA**

1120 / The Relevance Of Attachment In Social Anxiety Disorder With Comorbid Major Depression  
**Christina Elling, MSc Psychology**

1098 / Improvements In Cardiovascular Health Over The Perinatal Period Predicts Lower Postpartum Depressive Symptoms Among Women With Overweight And Obesity.  
**Shannon D. Donofry, PhD**

1171 / Effect Of Cannabis Use On Symptom Severity And Pain Sensitivity In Adolescent Patients With Non-Suicidal Self-Injury  
**Julian Koenig, Prof. Dr**

**Session 1: SEX AND DIFFERENCES**

Chair: Michael Stanton, PhD  
**Room: International III, IV, V**

1617 / Sex Differences In Human Mitochondria Are Heterogenous  
**Alex Junker, MPH**

1624 / Sex Differences In Stress And Body Mass Index Association With Kidney Disease In A Cohort Of African Americans  
**Thais Muratori Holanda, PhD**

1635 / Sex And Gender Correlates Of Sexually Polymorphic Cognition  
**Louis Cartier, BSc**

**9:15am – 9:30am***Transition***9:30am – 10:30am****Concurrent Sessions****Invited Symposium 1: Clinical Diversity in Treatment and Research: Understanding Heterogeneous Needs In Treatment**

Chair: Kimberly Dienes, PhD

Speakers: *Professor Rona Moss-Morris, Dr Betina Yanez, Dr Reginald Tucker-Seeley*Discussant: *Professor Rona Moss-Morris***Room: International III, IV, V****Symposium 1: 162 / THE ROLE OF DIAGNOSTIC UNCERTAINTY, UNPREDICTABILITY AND ASSOCIATED OVERPROTECTIVE BEHAVIOR IN CHRONIC PAIN DISABILITY**

Chair: Ann Meulders, PhD

**Room: International I**

1396 / Being Uncertain About Your Own Movement: Poor Proprioceptive Accuracy Is Associated With Overprotective Behavior

**Ann Meulders, PhD**

1395 / The Elephant in the Room: Diagnostic Uncertainty in Pediatric Chronic Pain

**Melanie Noel, PhD**

1397 / The Phenomenology Of (Un)Predictability In Complex Regional Pain Syndrome

**Emma E. Biggs, PhD****Paper Session 5: NEW INSIGHTS INTO ASSOCIATES OF BLUNTED CARDIOVASCULAR AND HORMONAL STRESS REACTIVITY**

Chair: Stefanie Duijndam, MSc

**Room: International II**

1022 / Cardiovascular Reactivity And The Emotional Salience Of Laboratory Stressors

**Kyle J. Bourassa, PhD**

1286 / Blunted Cardiovascular Reactivity To Psychological Stress And Prospective Health: A Systematic Review

**Adam O' Riordan, BA**

1080 / Is Depressed Mood Associated With Cortisol Trajectories In Response To Acute Laboratory Stressors?

**Gabrielle Decastro, BA**

1433 / Anxious And Depressive Symptoms, Social-Evaluative Threat, And Cortisol Reactivity

**Megan G. Strickland, MS****Paper Session 6: INDIVIDUAL DIFFERENCES IN RESPONSES TO VIRAL INFECTION AND VACCINATION**

Chair: Aric Prather, PhD

**Room: Atlantic I, II**

1417 / Adolescents' Perceived Stress, Disclosure Preferences, And Response To Vaccination

**Leah Cha, BS**

1384 / Friendship Quality And Response To Vaccination: Exploring The Moderating Effects Of Puberty And Sex

**Elizabeth R. Wiggins, BS**

1250 / Cytomegalovirus And Toxoplasma Gondii Serostatus Associated With Problems In Self-Regulation But Not Executive Function Among Older Adults

**Suzanne C. Segerstrom, PhD, MPH**

1408 / Lifetime Unfair Treatment And Antibody Response To Pertussis Vaccination In Pregnant Women

**Manuela L. Celia-Sanchez, BS****Paper Session 7: HEALTH EFFECTS OF STRUCTURAL ADVERSITY**

Chair: Jenny Cundiff, PhD

**Room: Catalina**

1104 / Daily Thoughts About Historical Loss Predicts Physical Activity Level, And Symptoms Of Anxiety, And Depression In American Indians From The Blackfeet Community

**Taylor D. Kampf, BS**

1431 / Composition Matters: Latent Classes Of Social Integration And 15-Year Mortality In Black, Indigenous, Older Adults Of Color

**Melissa A. Flores, PhD**

1233 / Mid-Life Depressive Symptoms And Cognitive Functioning: Cross-Sectional And Longitudinal Relationships Differ By Racial Minority Status

**Michael J. Persin, BS**

1511 / Towards Dimensional Understanding Of Adversity

**Maria Usacheva, MS****10:30am – 10:45am***Break***10:45am – 11:00am****Data Blitz***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: International III, IV, V****11:00am – 12:00pm****Plenary****Keynote Presentation: Neuroinflammatory Processes of Depression and Social Disconnection**Introduction: *Sue Everson-Rose, PhD*Speaker: *Naomi Eisenberger, PhD***Room: International III, IV, V**

Follow the meeting on Twitter:

**#aps2022longbeach**

**12:00pm – 12:45pm Plenary**

**TEDSTYLE: Whole Person Health: Fraud or Frontier? Implications for Psychosomatic Medicine**

Introduction: *Gail Ironson, MD*  
 Speaker: *Margaret Chesney, PhD*  
**Room: International III, IV, V**

**12:45pm – 1:45pm Round Table Luncheons**  
*(pre-registration required)*

**Or Lunch on your own**

**Roundtable Lunch: Climate Change and Health SIG**

Provide context to the latest understanding of the biggest climate change threats, and the role that behavior plays in both mitigation and adaptation; describe the (brief) history of the SIG; followed by open discussion.

Facilitators: *Kristi E. White, PhD, ABPP*  
**Room: Pacific I**

**Roundtable Lunch: Emerging Leaders Initiative Grant Writing (FOR TRAINEES)**

This event will provide a relatively informal setting for trainees to meet and talk with more senior APS members who are experienced in grant writing. We hope to represent several grant mechanisms, including US-based (i.e., NIH, NSF) and international funding sources, as well as general grant writing resources/tips.

Facilitators: *Iris Ka-Yi Chat, MA, Annie Ginty, PhD, Katrina Hamilton, PhD, Misty Hawkins, PhD, Robert-Paul Juster, PhD, Natalie Keirns, MS, Julian Koenig, DSc, Thomas Krainak, MA, Riley O'Neill, BS, Nancy Sin, PhD, Agus Surachman, PhD, Janet Tomiyama, PhD*  
**Room: Mediterranean I, II**

**1:15pm – 1:45pm Wellness Activity:**  
**Mindfulness with Sara Matovic & Florencia Trespalacios**  
**Room: Pacific II**

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

**Paper Session 8: BIOLOGICAL MECHANISMS LINKING STRUCTURAL ADVERSITY TO HEALTH OUTCOMES**

Chair: *Robert-Paul Juster, PhD*  
**Room: International I**

1490 / Racial Disparities In Longitudinal Changes In Metabolic Syndrome Severity Across Two Decades Between Black And White Women: Early Life Socioeconomic Status And Heightened Vigilance As Correlates  
**Agus Surachman, PhD**

1035 / Anticipatory Racism Threat, Racial Discrimination, And 'Weathering' Among African American Women  
**Amanda D. Perez, PHD**

1458 / Interactive Effects Of Childhood Socioeconomic Status, Family Environment, And Race On Systemic Inflammation In Adulthood  
**Brianna N. Natale, MS**

1028 / First-Generation College Students Have Greater Systemic Inflammation Than Continuing-Generation College Students Following The Initial College Transition  
**Emily J. Jones, PhD**

**Paper Session 9: SOMATIC AND SOCIAL HEALTH EFFECTS OF EMOTIONS, STRESS AND RUMINATION**

Chair: *Jenny Cundiff, PhD*  
**Room: International II**

1042 / Socioeconomic Status, Stress, Rumination, And Somatic Symptoms In Older African American Adults  
**Jacqueline Rodriguez-Stanley, MA, Psychology**

1546 / Discrimination Moderates The Effects Of Anger Expression On Social Interactions In The Moment  
**Elizabeth Brondolo, PhD**

1341 / Trait Anger Is Uniquely Associated With Six Year Change In Pulse Pressure  
**William D. Eckerle, BS**

1127 / Daily And Acute Emotion Reactivity To Social Stress  
**Danny Rahal, MA, Psychology**

**Paper Session 10: OUTCOMES FROM INTERVENTIONS ON PSYCHOLOGICAL HEALTH**

Chair: *Matthew Zawadzki, PhD*  
**Room: International III, IV, V**

1428 / Effects Of A Peri-Operative Multi-Modal Intervention On Stress, Pain, Sleep Disturbance, And Noise Perception In Patients Undergoing Coronary Artery Bypass Graft Surgery: Results From The Randomized-Controlled I-Cope Trial  
**Monika Sadlonova, MD**

1223 / Blended Collaborative Care For Treating Systolic Heart Failure And Comorbid Depression: An Update From The Hopeful Heart Trial  
**Bruce L. Rollman, MD**

1231 / The Effects Of Omega-3 Supplementation On Psychological Functioning Of Men Undergoing Radical Prostatectomy For Prostate Cancer: A Randomized Controlled Trial  
**Josée Savard, PhD**

1552 / Mindfulness-Based Stress Reduction Increases Stimulated IL-6 Production Among Lonely Older Adults: A Randomized Controlled Trial  
**Emily K. Lindsay, PhD**

**Paper Session 11: POSITIVE PSYCHOLOGY AND HEALTH**

Chair: *Jen Boylan, PhD*  
**Room: Atlantic I, II**

1584 / The Differential Influences Of Positive Psychological Factors On Upper Respiratory Infections In African And European Americans  
**Kennedy Blevins, MA**



1497 / Do Positive Life Experiences Moderate the Association Between Socioeconomic Status and Physiological Well-Being? Frequency Of Positive Experiences As A Greater Resilience Factor For The Less Advantaged

**Naomi Podber, PhD**

1308 / Sleep Quality, Duration, And Efficiency As Predictors Of Next-Morning Expectations For Stressors And Positive Events

**Jin H. Wen, MA**

1427 / The Effect Of Music On Stress Recovery

**Yichen Song, MA**

**Paper Session 12: CONSEQUENCES OF ADVERSITY AND CHRONIC STRESS ACROSS THE LIFESPAN**

Chair: Kyle Bourassa, PhD

**Room: Catalina**

1570 / Associations Between Lifespan Adverse Experiences And Later Life Chronic Stressors And Their Appraisals: An Analysis Of The Health And Retirement Study

**Boaz Injege, BA**

1236 / Socioeconomic Disadvantage, Chronic Stress, And Pro-Inflammatory Phenotype: An Integrative Analysis Across The Lifespan

**Phoebe H. Lam, MS**

1437 / Subjective Socioeconomic Status Across The Life Course And Age-Related Decrements In Kidney Function Among Black And White American Adults

**Agus Surachman, PhD**

1157 / Adverse Childhood Experiences And Severity Levels Of Inflammation And Depression From Childhood To Young Adulthood: A Longitudinal Cohort Study

**Eleonora Iob, PhD**

**2:45pm – 3:00pm**

**Break**

**3:00pm – 4:00pm**

**Concurrent Sessions**

**Paper Session 13: HOW PHYSIOLOGICAL AND PSYCHOLOGICAL STRESS RELATE TO BRAIN FUNCTION**

Chair: Jen Boylan, PhD

**Room: International I**

1283 / Aerobic Exercise Training And Dentate Gyrus Function In Healthy Older Adults

**Richard P. Sloan, PhD**

1213 / Cardioimmunometabolic Risk Is Associated With Brain-Age In Midlife

**Thomas E. Kraynak, MS**

**Paper Session 14: ECOLOGICAL MOMENTARY ASSESSMENT STUDIES ON PSYCHOSOMATIC HEALTH**

Chair: Tom Kamarck, PhD

**Room: International II**

1227 / Associations Among Salivary Cortisol, Sleep, And Headaches In Daily Life

**Sun Ah Lee, MA**

1244 / Daily Aches And Pains Of Stress: Compounding Effects Of Multi-Domain Cumulative Stress And Daily Stress On Daily Health

**Brook L. Haight, BA (Honours)**

1603 / Practice Effects On Cognitive Performance Are Attenuated By Higher Peripheral Inflammation: A Study In Midlife Adults

**Christopher G. Engeland, PhD**

**Paper Session 15: META-ANALYSES PROVIDING EVIDENCE FOR MECHANISMS UNDERLYING PSYCHOSOMATIC CONDITIONS**

Chair: Ali Weinstein, PhD

**Room: International III, IV, V**

1277 / The Associations Of Sleep Disturbance With Allostatic Load - A Systematic Review And Meta-Analysis

**Robert Zachariae, Dr.Med.Sci**

1088 / A Meta-Analysis Of Studies Using Common Measures Of Heart Rate Variability To Predict All-Cause And Cardiac Mortality In Clinical And Nonclinical Populations

**Marc N. Jarczok, Dr. sc. Hum**

1235 / Obesity And Individual Symptoms Of Depression: A Pooled Analysis Of 15 Population-Based Cohort Studies

**Philipp Frank, MSc**

**Paper Session 16: BRAIN MECHANISMS UNDERLYING PSYCHOSOMATIC HEALTH**

Chair: Annie Ginty, PhD

**Room: Atlantic I, II**

1438 / Brain Changes Underlying IBS Symptom Improvement In Response To Mindfulness-Based Treatment

**Guistinna Tun, BS**

1285 / Brain Mechanisms Underlying Negative Affect Induced Somatic Symptom Reporting In Functional Somatic Syndrome Patients

**Maike Van Den Houte, PhD**

1376 / Clinical Presentation And Resting State Functional Connectivity Differ Based On The Temporal Onset Of Symptoms In Provoked Vestibulodynia

**Talia C. Oughourlian, MS**

1081 / Clinical Benefits Of Self-Transcendence During Mindfulness Training: Results From Five Randomized Clinical Trials

**Adam W. Hanley, PhD**

**Paper Session 17: MECHANISMS OF VASCULAR HEALTH**

Chair: Yvette Szabo, PhD

**Room: Catalina**

1139 / Dietary Quality Predicts Inflammation, Cardiovascular Risk Biomarkers, Gut Leakiness, And Depressive Symptoms

**Annelise A. Madison, MA**

1537 / Acute Stress Disorder Symptoms And Sleep Disturbance Following Stroke

**Alison Trainor, MS**

1502 / Longitudinal Associations Between Depression, Stress, And Physical Activity In Patients With Peripheral Artery Disease: A Path Analysis

**Idil Yazgan, BS**

1579 / Racial Differences In Resting Total Peripheral Resistance: A Systematic Review And Meta-Analysis

**Briana N. Brownlow, MA**

4:00pm – 4:15pm

*Transition*

4:15pm – 5:30pm

**Concurrent Sessions**

**Symposium 2: S157 / PROMOTING WELL-BEING IN CANCER SURVIVORSHIP: RANDOMIZED CONTROLLED TRIALS ACROSS THE TRANSLATIONAL CONTINUUM**

Chair: *Julienne Bower, PhD*

**Room: International III, IV, V**

1289 / Development of tailored Acceptance and Commitment Therapy (ACT) intervention to optimize quality of life in women living with metastatic breast cancer: A pilot randomized controlled trial

**Patricia I. Moreno, PhD**

1290 / A Goal-Focused Intervention to Reduce the Adverse Impact of Testicular Cancer in Young Adulthood: A Randomized Trial

**Michael A. Hoyt, PhD**

1291 / The AYA Writing Project: A randomized controlled trial testing the benefits of an online prosocial intervention in young adult cancer survivors

**Marcie D. Haydon, PhD**

1293 / Promoting Adherence to Endocrine Therapy through Leveraging Breast Cancer Survivors' Values: The REACH trial

**Annette L. Stanton, PhD**

1295 / Psychological and Immune Effects of Mindfulness Meditation and Survivorship Education for Younger Breast Cancer Survivors: The Pathways to Wellness Randomized Controlled Trial

**Julienne Bower, PhD**

**Paper Session 18: INDIVIDUAL DIFFERENCES IN SLEEP AND THEIR ASSOCIATION WITH HEALTH**

Chair: Marc Jarczog, DSc

**Room: International I**

1105 / Actigraphic Sleep Regularity As A Mechanism Linking Social Integration And Systemic Inflammation In Midlife Adults

**Brian N. Chin, PhD**

1131 / Inflammation And Sleep Variability In Older Adult Women

**Elana M. Gloger, MS**

1415 / The Impact Of Actor And Partner Overnight Movement On Sleep Quality Metrics In Military Couples

**Steven E. Carlson, BS**

1003 / Self-Reported Sleep Efficiency And Sleep Duration Are Associated With Mitochondrial Bioenergetic Function In Peripheral Blood Mononuclear Cells Of Adults

**H. Matthew Lehrer, PhD**

**Paper Session 19: NEW INSIGHTS FROM TRANSCRIPTOMICS, METABOLOMICS AND EPIGENETICS REGARDING INDIVIDUAL DIFFERENCES IN HEALTH**

Chair: Agus Surachman, PhD

**Room: International II**

1279 / Using Transcriptomics To Investigate The Effects Of Mild Inflammation In Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) And Fibromyalgia (FM)

**Marisa L. Amato, MSc**

1476 / Metabolomics Profiling Of Type D Personality Traits

**Nina Kupper, PhD**

1475 / Prospective Associations Between Social Relationship Factors And Epigenetic Age

**Abby R. Hillmann, BS**

1245 / Chronic Glucocorticoid Stress Increases Energy Expenditure And Accelerates Aging Trajectories In Human Fibroblasts

**Natalia Bobba-Alves, MSc**

**Symposium 3: S144 / TOWARDS A BIOPSYCHOSOCIAL UNDERSTANDING OF ASTHMA: NEW AVENUES OF INQUIRY**

Chair: *Thomas Ritz, PhD*

**Room: Catalina**

1142 / Asthma, Airway Inflammation And PTSD Association: Relevant Models And A Role Of IL17A

**Renu Sah, PhD**

1137 / Airway Inflammation Impacts On Salience Network Function: Cellular And Molecular Pathways Linking Asthma And Emotion

**Melissa A. Rosenkranz, PhD**

1211 / Anxiety And Disgust Reactivity In Asthma: The Role Of Hippocampal Volume And Hippocampal Metabolite Levels

**Hannah O. Nordberg, MA**

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1151 / The Psychological Impact Of Living With Asthma During The COVID-19 Pandemic  
**Margot L. Salsman, MSc**

1187 / The Relationship between Change in Caregiver Depression and Child's Asthma Control and Spirometry  
**E. Sherwood Brown, MD, PhD**

**Paper Session 20: CLINICAL TRIAL FINDINGS OF FOUR PSYCHOLOGICAL INTERVENTIONS**

Chair: Chris Celano, MD  
**Room: Atlantic I, II**

1297 / Effect Of Modernized Collaborative Care For Depression On Depressive Symptoms And Cardiovascular Disease Risk Markers: Primary Results Of The Eimpact Randomized Controlled Trial  
**Jesse C. Stewart, PhD**

1580 / Cognitive Function In Acceptance-Based Vs Standard Behavioral Treatment For Obesity: Results From The Cosmos Trial  
**Misty Hawkins, PhD**

1100 / Video-Conferenced Stress Management And Relaxation Training (Vsmart) Improves Psychological Adaptation And Influenza Vaccine Response In Distressed Older Women During Breast Cancer Treatment  
**Michael H. Antoni, PhD**

1389 / Hormetic Stress Interventions And Mindfulness Effects On Compulsive Eating  
**Rebecca Dileo, BA**

**5:30pm – 5:45pm**      *Transition*

**5:45pm – 6:45pm**      **Special Events**

**APS Bookclub with Joel Dimsdale, MD and Susan Levenstein, MD**

Host: David Krantz, PhD  
 Joel Dimsdale, MD, will talk about his recent book Dark Persuasion. Susan Levenstein, MD, who works as an internist in Rome will talk about her experiences which she portrayed in her book, Dottoressa.  
**Room: Mediterranean I, II**

**Sexual Minority Health SIG**

Chair: Robert-Paul Juster, PhD  
**Room: Pacific II**

**Wellness Activity:**

**Yoga with Marie Cross**  
**Room: Pacific I**

**6:45pm – 7:30pm**

**Poster Session 1  
 Promenade and Foyer**

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

**7:30pm – 8:30pm**

**FAPS Reception**  
**Room: Pool Deck (Weather back-up Loft)**

**Emerging Leaders Social Event**  
 Open to Students/Postdoc Trainees  
**Room: Enclave**

**Mid-Career Happy Hour**  
**Room: Pacific II**

## FRIDAY, MARCH 25

**7:00am – 6:30pm**      **Annual Meeting Registration**  
*International Ballroom Foyer*

**7:00am – 8:00am**      **Continental Breakfast**  
*Promenade and Foyer*

**Wellness Activity:**  
**Morning Run with Sara Matovic & Florencia Trespalacios**  
*Meet in the lobby*

**APS SIG Meeting: Affect Science**  
**Room: Mediterranean I**

**8:00am – 8:15am**      **Data Blitz**  
**Room: International III, IV, V**

*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!*

**8:15am – 9:00am**      **Plenary**

**Award Lecture: Martica Hall Award in Sleep Medicine: Multidimensional Sleep Health: From Concept to Clinic**  
 Introduction: *Martica Hall, PhD*  
 Speaker: *Daniel Buysse, MD*  
**Room: International III, IV, V**

**9:10am – 10:10am**      **Plenary**  
**Presidential Address: Gail Ironson, MD, PhD**  
**Transformations with a focus on Positive Psychology**  
 Introduction: *Bruce Rollman, MD*  
**Room: International III, IV, V**

**10:15am – 10:30am**      **Break**

**10:30am – 11:30am Plenary****Obesity, Sugar, and Compulsive Eating: Possible Mechanisms and Interventions**Introduction: *Paige Green, PhD*Speaker: *Elissa Epel, PhD*Room: *International III, IV, V***11:30am – 11:45am Transition****11:45am – 12:45pm Concurrent Sessions****Invited Symposium 2: SOCIETAL STRESSORS AND THEIR IMPACTS ON HEALTH AND HEALTH INEQUALITIES**Chair: *Kyle Bourassa, PhD*Speakers: *Maria Llabre, PhD, Tené Lewis, PhD,**Tonia Poteat, PhD*Room: *International III, IV, V***Invited Symposium 3: The Why of It All: Presenting Innovative Methods for Testing Mediation and Explanatory Models**Chair: *Matt Zawadzki, PhD*Speakers: *Melissa Flores, PhD, Joshua Smyth, PhD,**David Sbarra, PhD*Room: *International I***Symposium 4: S146 / THE ROLE OF BIOBEHAVIORAL FACTORS IN BIOLOGICAL AGING: ADVANCING THE FIELD OF GEROSCIENCE**Chair: *Rebecca G. Reed, PhD*Discussant: *Elissa Epel, PhD*Room: *International II*

1493 / Psychosocial Stress is Associated With Cellular Senescence Marker p16INK4a in Humans and Mice

**Kelly E. Rentscher, PhD**

1495 / Accelerated Telomere Shortening in Breast Cancer Survivors with Depression History: A Two-Year Longitudinal Cohort Study

**Judith E. Carroll, PhD**

1148 / Probing the Mind-Mitochondria Connection in Greying Hairs and in Saliva

**Rachel Haahr, HS**

1149 / Epigenetic Aging and Cognitive Decline in a Longitudinal Sample of Midlife Adults

**Rebecca G. Reed, PhD****Paper Session 21: INDIVIDUAL DIFFERENCES IN HOW STRESS AFFECTS HEALTH ACROSS THE LIFESPAN**Chair: *Robert-Paul Juster, PhD*Room: *Atlantic I, II*

1102 / A Long And Resilient Life: The Role Of Coping Strategies And Variability In Their Use In Lifespan

**Claudia Trudel-Fitzgerald, PhD**

1562 / Depression Moderates The Lifespan Trajectory Of Early Life Adversity Induced Inflammation: An Exploratory Time-Varying Effect Model

**Francisco D. Marquez, ScM**

1573 / High Stressor Exposure And Low Stressor Diversity Are Linked To Higher Blood Pressure: Findings Across Age And SES

**Rachel E. Koffer, PhD**

1287 / Effects Of Childhood Trauma On Sleep Quality And Stress-Related Variables In Adulthood: Evidence From Two Multilevel Studies

**Daryl B. O'Connor, PhD****Paper Session 22: PSYCHOSOCIAL MECHANISMS IN CANCER**Chair: *Katja Weimer, PhD*Room: *Catalina*

1071 / The Effects Of Spirituality And Hispanic Ethnicity On Neuroendocrine Functioning Among Colorectal Cancer Patients

**Elizabeth Cruz, AA**

1465 / Interpersonal Characteristics Predict Dyadic Neuroendocrine Regulation In Colorectal Cancer Patients And Their Spousal Caregivers

**Amanda Ting, MS**

1565 / Effects Of Social Constraint And Gender On Colorectal Cancer Caregiver's Sleep

**Nirvi B. Ajmera, BS**

1274 / Association Of Depression Symptoms, Severity, And Symptom Profiles With Referral/Treatment Of Depression In Cancer Outpatients: A Retrospective Cohort Study

**Peter A. Shapiro, MD****12:45pm – 1:45pm****Lunch***International Foyer***Roundtable Luncheons***Pick up lunch in International Foyer**(pre-registration required)***Roundtable Lunch: Telemedicine and Digital Health: New Clinical and Revenue Models for Psychosomatic Medicine**

Features clinical researchers and academic leaders who have experience adapting clinical protocols for delivery via telehealth and other innovative technologies; using cases that illustrate how these partnerships can lead to improvements in care and expansion of access to treatment without having to use grant support to grow a successful program.

Facilitators: *Steven Locke, MD, Michael Antoni, PhD,**Eva Szigethy, MD, PhD, Robert Zachariae, MSc, Dr.Med.Sci*Room: *Mediterranean II***Wellness Activity: Art with Johanna Czamanski-Cohen**Room: *Pacific I***Psychosomatic Medicine – Associate Editors Meeting Luncheon (invitation only)**Room: *Loft*



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

**COVID Invited Symposium: BIOBEHAVIORAL AND PSYCHOLOGICAL PROCESSES DURING COVID-19: WHAT HAVE WE LEARNED?**

Chair: Rory O'Connor, PhD

Discussant: Rory O'Connor, PhD

Speakers: *Daryl O'Connor, PhD, Anna Marsland, PhD, Michele Okun, PhD, Andrew Steptoe, DSc***Room: International III, IV, V**

Effects of COVID-19-related worry and rumination on mental health and loneliness during the pandemic: Longitudinal analyses of adults in the UK COVID-19 Mental Health & Wellbeing study

**Daryl O'Connor, PhD**

Biobehavioral Processes and Emotional Responses among Older Men and Women during the COVID-19 pandemic

**Andrew Steptoe, DSc**

Factors that relate to susceptibility to respiratory infection: What did we know before the pandemic?

**Anna Marsland, PhD**

The International COVID-19 Awareness and Responses Evaluation Study (iCARE): Latest findings

**Michele Okun, PhD****Symposium 5: S153 / DYADIC AFFECTIVE PROCESSES IN MENTAL HEALTH ACROSS THE LIFESPAN**

Chair: Elizabeth Necka, PhD

**Room: International I**

1197 / Emotion Regulation and Mental Health: A Longitudinal Study of Long-Term Married Couple

**Claudia Haase, PhD**

1198 / Findings from the Self Other Overlap fMRI (SOOf) Study: Neural Sensitivity to Social Feedback is Associated with Perceived Social Support in the Laboratory

**Andrea Coppola, MA**

1535 / Empathic Accuracy and Shared Depressive Symptoms in Aging Dyads

**Casey L. Brown, PhD**

1547 / Dyadic Effects of Loneliness and Depressive Symptomatology in Older Adult Couples Across Five Years

**Alaina I. Gold, BA****Paper Session 23: ADVERSITY AND STRESS IN CARDIOVASCULAR DISEASE**

Chair: Chris Celano, MD

**Room: International II**

1167 / Chronic Stress, Coronary Artery Calcification, And The Moderating Role Of Social Support And Physical Activity In The Coronary Artery Risk Development In Young Adults (Cardia) Study

**Tiwaluwa Ajibewa, PhD**

1326 / The Effect Of Health Insurance Status On Threat Perceptions And The Development Of Posttraumatic Stress Symptoms In Patients After Suspected Acute Coronary Syndrome

**Gaspar J. Cruz, BA**

1004 / Prospective Association Between Pro-Inflammatory State On Admission And Posttraumatic Stress Following Acute Coronary Syndrome

**Roland von Känel, MD**

1472 / The Influence Of Socioeconomic Status And Sex In A Network Analysis On Risk Factors In Cad Patients: The Thoresci Study

**Sophie van den Houdt, MSc****Paper Session 24: CURRENT STATE OF THE ART: STRESS REACTIVITY**

Chair: Tom Kamarck, PhD

**Room: Catalina**

1124 / Predicting Cortisol Stress Response Trajectories: A Mega-Analytic Person-Centered Approach

**Peggy Zoccola, PhD**

1602 / Multivariate Clusters Of Heart Rate And Blood Pressure Reactivity To Psychological Stress In Young And Midlife Adults: Descriptive Findings Using A Latent Profile Approach In Two Samples

**Katherine A. Duggan, PhD**

1329 / Adverse Childhood Experiences (ACES) Relate To Blunted Cardiovascular And Cortisol Reactivity To Acute Laboratory Stress: A Systematic Review And Meta-Analysis

**Ryan C. Brindle, PhD**

1357 / Type D Personality And Cardiovascular Reactivity To Acute Psychological Stress: A Systematic Review And Meta-Analysis

**Adam O' Riordan, BA**

## 2:45pm – 3:00pm

**Break**

## 3:00pm – 3:45pm

**Concurrent Sessions****RESEARCH METHODS IN TIMES OF COVID: OPEN PODIUM**

Chair: Nina Kupper, PhD

**Room: International I****Paper Session 25: BE AMAZED! NON-TOPICAL, BUT HIGHLY RECOMMENDED**

Chair: John Ruiz, PhD

**Room: International III, IV, V**

1404 / Losing My Religion: The Health Associations Of Religious Deidentification

**Amy J. Osterbaan, BA forthcoming**

1528 / Neurocognitive Function In Adults Who Lived And Grew Up In Air-Pollution: The 4HAIE Study

**Vera K. Jandackova, PhD**

1049 / Short-Term Trajectories Of Depressive Symptoms In The Course Of Bereavement, Their Biopsychosocial Risk Factors And Risk Of Prolonged Grief  
**Marzieh Majd, PhD**

**Paper Session 26: ADVERSITY & STRESS IN DIABETES**

Chair: Agus Surachman, PhD

**Room: Atlantic I, II**

1117 / Inflammatory Stress Responses And Mental Health Outcomes In People With Type 2 Diabetes: A Follow-Up Study  
**Laura Panagi, PhD**

1014 / Discrimination, Acculturation, And Incident Type 2 Diabetes: Evidence From The Multi-Ethnic Study Of Atherosclerosis  
**Loretta Hsueh, PhD**

1103 / The Association Between Acculturation And Accuracy Of Type 2 Diabetes Risk Perception: Analysis Of 2011-2016 National Health And Nutrition Examination Study (NHANES) Data  
**Ashley Splain, BS**

**Paper Session 27: STUDIES ON ACUTE AND CHRONIC PAIN**

Chair: Amanda Acevedo

**Room: International II**

1405 / Heart Metrics From Wearable Sensors At Night Predict Next-Day Pain Reports: A Study Of Primary Chronic Pain  
**Veronica Dudarev, PhD**

1452 / The Change Of Work-Family-Social Support Interface Among Workers With Chronic Pain: A Latent Transition Analysis  
**Nguyen Nguyen, MA**

1560 / Endogenous Opioid System Regulation Of Pain And Stress Responses Is Disrupted By Nicotine Withdrawal: Implications For Understanding The Role Of Stress In Addiction  
**Mustafa al'Absi, PhD**

**LATE BREAKING Paper Session 2: STUDIES ON ASTHMA**

Chair: Bruce Miller, MD

**Room: Catalina**

1623 / Anticholinergic Treatment For Asthma In Children With Co-Morbid Depression: An Approach To Targeting A Vulnerable Population  
**Bruce D. Miller, MD**

1620 / Mother-Child Relational Insecurity As A Target For Intervention To Improve Childhood Asthma In Socio-Economically Disadvantaged Families  
**Beatrice Wood, PhD**

3:45pm – 4:00pm

*Transition*

4:00pm – 5:15pm

**Concurrent Sessions**

**Paper Session 28: INDIVIDUAL DIFFERENCES IN TREATMENT EFFECTIVENESS**

Chair: Matthew Zawadzki, PhD

**Room: International I**

1012 / Sleep, Fatigue, Depression, And Pain Following Breast Cancer Surgery: Lumpectomy Versus Mastectomy  
**Arielle S. Radin, MA**

1183 / Predictors Of Treatment Non- Response For Depressive Symptoms In A Sample Of Adolescents With Risk-Taking Behavior - A One Year Follow-Up  
**Julian Koenig, Prof. Dr.**

1482 / The Trigemino-Cardiac Reflex As Parasympathetic Marker After Psychosomatic Inpatient Therapy  
**Katja Weimer, PhD**

1318 / Prevalence And Biobehavioral Predictors Of Early And Long-Term Fatigue Following Hematopoietic Stem Cell Transplantation  
**Erin S. Costanzo, PhD**

**LATE BREAKING Paper Session 3: PILOT INTERVENTION RESULTS**

Chair: Janet Tomiyama, PhD

**Room: Catalina**

1609 / Prefrontal Cortex Oxygenation And Autonomic Nervous System Activity Under Transcutaneous Auricular Vagus Nerve Stimulation In Adolescents  
**Christine Sigrist, Dr**

1633 / Depressive Rumination And Heart Rate Variability: A Pilot Study On The Effect Of Biofeedback On Rumination And Its Physiological Concomitants  
**Andy Schumann, PhD**

1618 / A Pilot Mindfulness-Based Self-Compassion Intervention Targeting Body Dissatisfaction  
**Alejandra Lopez, BA**

1622 / Personalizing Tobacco Cessation With Underserved Communities: Identifying Training Needs Of CHW To Develop A Tailored Facilitator Curriculum  
**Clarissa Huard, MPH**

**Symposium 6: S158 / BIOLOGICAL EMBEDDING OF EARLY LIFE ADVERSITY: A MECHANISM-FOCUSED LIFESPAN APPROACH**

Chair: Jennifer A. Sumner, PhD

Discussant: Shakira Suglia, ScD

**Room: Catalina**

1339 / Early Life Adversity, Life Stress, and Accelerated Epigenetic Aging in Youth: Predictors of Change Over Time  
**Jennifer A. Sumner, PhD**

1364 / Dimensions of Early Life Adversity and Sexual Behavior in a U.S. Population-representative Sample of Adolescents  
**Jordan L. Thomas, MA**

1413 / Higher Hair Cortisol Concentrations Are Associated With Shorter Leukocyte Telomere Length in Young Adults With a History of Early Life Adversity  
**Aoife O'Donovan, PhD**

1412 / Association of Early Life Adversity With Epigenetic Age Acceleration in Adulthood  
**Elizabeth S. Clausing, PhD**

**Paper Session 29: MAPPING INDIVIDUAL DIFFERENCES IN HEALTH CARE PERSECTIVES USING A QUALITATIVE APPROACH**

Chair: Stefanie Duijndam, MSc

**Room: International II**

1234 / Narratives Of Change In Recovery From Severe Fatigue - A Qualitative Study Of Stories Of Healing From Severe Chronic Fatigue Syndrom/ Myalgic Encephalomyelitis  
**Anne Karen Bakken, MD**

1451 / Language And Cultural Barriers In Pain Communication: Experiences Of Healthcare Providers  
**Nguyen Nguyen, MA**

1078 / Shareheart: Using Patient Journey Mapping For Health Care Optimization In Patients With Ischemia And Non-Obstructive Coronary Arteries (Inoca)  
**Dinah L. van Schalkwijk, Msc**

**Paper Session 30: MECHANISMS OF ADVERSITY**

Chair: Kimberly Dienes, PhD

**Room: Atlantic I, II**

1017 / Acculturative Stress, Telomere Length, And Postpartum Depression In Latinx Mothers  
**Angela C. Incollingo Rodriguez, PhD**

1075 / Residence In High-Crime Neighborhoods Moderates The Association Of Interleukin-6 With Social And Non-Social Reward Brain Function  
**Iris Ka-Yi Chat, MA**

1241 / Experiences Of Deprivation, But Not Threat, Are Associated With Differences In Network Connectivity During Affective Processing  
**Gabriella Alvarez, MA**

1243 / Examining The Relationship Between Perceived Discrimination And Allostatic Load Among A Sample Of First-Generation, Minority College Students  
**Lorena Reynaga, MPH(c)**

**5:15pm – 5:30pm**      *Transition*

**5:30pm – 6:30pm**      **Plenary**

**A Conversation about Modern Leadership and Research in Current Societies with Past Presidents**

*Speakers: Paige Green, PhD, MPH, FABMR & Sue Everson-Rose, PhD, MPH*

**Room: International III, IV, V**

**6:30pm – 7:30pm**      **Poster Session 2  
Promenade and Foyer**

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

**7:30pm – 9:30pm**

**Mentor/Mentee Reception**

Hosts: Riley O'Neil, BS and Agus Surachman, PhD

**Room: Catalina**

Pre-registration required. Please check at APS Registration Desk for availability.

**7:45pm**

**Past Leaders Dinner**

Offsite (*invitation only*)

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

**SATURDAY, MARCH 26**

**7:00am – 6:00pm**      **Annual Meeting Registration**  
*International Ballroom Foyer*

**8:30am – 9:30am**      **APS Members Meeting**  
*Room: International III, IV, V*

**7:00am – 8:00am**      **Continental Breakfast**  
*Promenade and Foyer*

**9:30am – 9:45am**      **Break**

**Wellness Activity:**  
**Yoga with Monika Sadlonova**  
**Room: Pacific**

**8:00am – 8:15am**      **Data Blitz**  
**Room: International III, IV, V**

*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!*

**7:30am – 8:30am**      **Wellness Activity:**  
**Morning walk to Espresso Bar**  
**With Marc Jarczok**  
**Meet in the hotel lobby**

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

**Herbert E. Weiner Early Career Award Lecture**  
**Traumatic Stress and Cardiovascular Risk in Women**  
 Introduction: Janet Tomiyama, PhD  
 Awardee: **Jennifer Sumner, PhD**  
 Room: **International III, IV, V**

**Paul D. McLean Award Lecture**  
**Bodies, brains, and boroughs: A Pittsburgh story**  
 Introduction: *Hugo D. Critchley, DPhil, FRCPs*  
 Awardee: **Peter Gianaros, PhD**  
 Room: **International III, IV, V**

## 11:30am – 11:45am Break

## 11:45am – 12:45pm Plenary

**Structural Racism: Connecting the Institutions that Create Inequalities**  
 Introduction: *DeWayne P Williams, PhD*  
 Speaker: **Gilbert Gee, PhD**  
 Room: **International III, IV, V**

12:45pm – 1:45pm Lunch  
International Foyer

**Round Table Luncheons**  
*(pre-registration required)*  
**Pick up lunch in International Foyer**

**Roundtable Lunch: Psychosocial Well-being and Health**  
 Facilitators: Julia Boehm, PhD, Jennifer Boylan, PhD  
 Room: **Pacific II**

**Roundtable Lunch: Antiracism Task Force**  
 Agenda: task force short-term goals/objectives; activities of the ARTF to date; resource sharing/tools related to anti-racism teaching and research; Q&A on activities and opportunities for connection.  
 Facilitators: Michael Stanton, PhD, Briana Mezuk, PhD  
 Room: **Mediterranean I, II**

**Awards Committee: Navigating the Academy- Gaining Honors As An Early Career Researcher**  
 Room: **Pacific I**

## 1:45pm – 2:15pm Plenary

**TEDSTYLE: Publishing in Psychosomatic Medicine: How To Make It Happen**  
 Introduction: Julian Thayer, PhD  
 Speaker: **Willem Kop, PhD**  
 Room: **International III, IV, V**

## 2:15pm – 2:30pm Break

## 2:30pm – 3:30pm Concurrent Sessions

**Symposium 7: S166 / HETEROGENEITY IN MARKERS OF SUBCLINICAL CARDIOVASCULAR DISEASE: UNDERSTANDING THE INFLUENCE OF AGE SEX AND RACE IN EARLY RISK**  
 Chair: Kristie M. Harris, PhD  
 Discussant: Julian Thayer, PhD  
 Room: **International I**

1564 / Sex Differences in the Association between Age and Left Ventricular Mass in Adolescents  
**DeWayne P. Williams, PhD**

1572 / Heart Rate Variability Predicting Blood Pressure and Total Peripheral Resistance Over Six Years: The Intersection of Race and Sex  
**Cameron Wiley, MA**

1578 / Acute Psychological Stress-Induced Changes in Arterial Stiffness in Healthy Adults: Examining the Effects of Age and Sex  
**Kristie M. Harris, PhD**

1586 / Ecologically Assessed Sleep Duration and Arterial Stiffness among Men and Women  
**Allison E. Gaffey, PhD**

**LATE BREAKING Paper Session 4: STRESS AND PSYCHOSOMATIC SYMPTOMS**  
 Chair: Ali Weinstein, PhD  
 Room: **Atlantic I, II**

1621 / Heterogeneous Distribution Of Psychological Stress Hormone Receptors Across Major Human Organ Systems: A Map For Stress Transduction  
**Sophie Basarrate, BA**

1616 / Neurodevelopmental Complexity: Inflammation Mediates The Link Between Neurodivergence And Chronic Fatigue  
**Lisa Quadt, PhD**

1636 / Are Adverse Childhood Experiences (ACES) Associated With Weight Trajectories In Hispanics/Latinos In The Us? Results From The Hispanic Community Health Study/Study Of Latinos (HCHS/SOL) Sociocultural Ancillary Study  
**Manuela Jaramillo, BS**

1553 / Longer Maternity Leave Policy Reduces Postpartum Health Risks Among Military Mothers  
**Stacy A. Hawkins, PhD**

**Paper Session 31: DISCRIMINATION AND EARLY LIFE STRESS EFFECTS ON HEALTH IN MINORITISED ETHNIC POPULATIONS**  
 Chair: Janet Tomiyama, PhD  
 Room: **International II**

1501 / Acknowledgement And Long-Term Experiences Of Discrimination Impacts Chronic Health Conditions  
**Brittany Price, MA**



1107 / The Influence Of Discrimination On Affective Factors Relevant To The Experience Of Pain  
**Amanda Acevedo, PhD**

1030 / Discrimination And Health: The Mediating Role Of Daily Stress Processes  
**Elana M. Gloger, MS**

**Paper Session 32: WHAT WORKS FOR WHOM? INDIVIDUAL DIFFERENCES IN TRIAL OUTCOMES**  
 Chair: Brooke Jenkins, PhD  
**Room: International III, IV, V**

1090 / Effect Of Modernized Collaborative Care For Depression On Overlapping Psychological Risk And Protective Factors For Cardiovascular Disease: Data From The eIMPACT Trial  
**Michelle K. Williams, BS**

1252 / Effect Of Depression Treatment On Subjective Sleep Parameters Among Primary Care Patients: Data From The eIMPACT Trial  
**Matthew D. Schuiling, BA**

1512 / eHealth To Improve Psychological Distress And Self-Management Of Chronic Kidney Disease: A Randomized Controlled Trial  
**Cinderella K. Cardol, MSc**

1284 / Videoconferenced Group Cognitive Behavioral Stress Management Improves Symptoms In ME/CFS Patients Presenting With Elevated Post-Exertional Malaise  
**Marcella May, MA**

**3:30pm – 3:45pm Transition**

**3:45pm – 4:45pm Concurrent Sessions**

**Symposium 8: S160 / TRAUMA AND HEALTH AMONG MIDLIFE AND AGING WOMEN**  
 Chair: Rebecca C. Thurston, PhD  
 Discussant: Rebecca C. Thurston, PhD  
**Room: International III, IV, V**

1436 / Military Sexual Trauma And Menopause Symptoms Among Midlife Women Veterans  
**Carolyn Gibson, PhD, MPH**

1439 / Traumatic Experiences And Hormone Concentrations Among Midlife Women  
**Mary Y. Carson, MS**

1445 / Interpersonal Trauma And Risk Of Incident CVD In The Study Of Women's Health Across The Nation  
**Rebecca C. Thurston, PhD**

**Paper Session 33: MODERATORS OF THE STRESS RESPONSE**

Chair: DeWayne P Williams, PhD  
**Room: International II**

1541 / Addiction And The Stress Response: Does Physical Activity Enhance Resilience Against Early Adversity In Tobacco And Cannabis Users?  
**Mark Fiecas, PhD**

1454 / Differential Immune Responses To Acute Stress In Bereaved And Nonbereaved Adults  
**E-Lim L. Wu-Chung, BS**

1324 / Emotion Suppression And Physiological Stress Reactivity: A Systematic Review And Meta-Analysis  
**Alexandra T. Tyra, MA**

1583 / At The Heart Of The Matter: Discrimination, Acculturation And Cardiovascular Reactivity To Psychosocial Stress  
**Vida Pourmand, MS**

**Paper Session 34: CURRENT STATE OF THE ART OF COVID-19 RESEARCH**

Chair: Kimberly Dienes, PhD  
**Room: International II**

1352 / Mental Health Before And During The Covid-19 Pandemic And The Role Of Physical Activity: Results From The 4HAIE Study In The Czech Republic  
**Vera K. Jandackova, PhD**

1178 / Therapeutic Alliance And Well-Being From Use Of A Global Digital Mental Health Benefit During The Covid-19 Pandemic  
**Sara Sagui-Henson, PhD**

1328 / Improving Patient Engagement And Experience: Lessons Learned From Long Covid  
**Julie Walsh-Messinger, PhD**

1038 / A Slow Paced Breathing Intervention To Reduce IL-6 In Patients With Covid-19-Pneumonia - A Randomized Controlled Trial  
**Marc N. Jarczok, Dr. sc. Hum**

**4:45pm – 6:00pm**

**Poster Session 3 Promenade and Foyer**

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

**6:30pm – 10:30pm**

**CLOSING BANQUET (Ticket Required) Room: Catalina**



## 2022 Awards of the American Psychosomatic Society

**Donald Oken Fellowship: Hochang Ben Lee, MD**

**Distinguished Scientist Award: Martica Hall, PhD**

**Patricia R. Barchas Award: Greg Miller, PhD**

**Herbert E. Weiner Early Career Award: Jennifer Sumner, PhD**

**Paul D. MacLean Award: Peter Gianaros, PhD**

**Martica Hall Sleep Medicine Award: Daniel Buysse, MD**

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### APS 2022 Young Investigator Colloquium

Nida Ali, PhD	Matthew Lehrer, PhD
Chloe Boyle, PhD	Nadia Liyanage-Don, MD
Brian Chin, PhD	Clare McCormack, PhD
Heather Derry, PhD	Jessica McCurley, MPH, PhD
Shannon Donofry, PhD	Megan Miller, PhD
Elenora Iob, PhD	Karly Murphy, PhD
Karen Jakubowski, PhD	Jennifer Nicoloso-Santa Barbara, PhD
Dusti Jones, PhD	Megan Renna, PhD
Anne-Josée Guimond, PhD	Agus Surachman, PhD
Harold Lee, PhD	Timothy Williamson, MPH, PhD

### APS Scholar Awards

Tiwaloluwa Ajibewa, PhD	Michael Mangold, MD, MPH
Gabriella Alvarez, MA	Sara Matovic, MS
Julie Brisson, BA	Adam O'Riordan, BA
Cara Dochat, MS	Anna Parenteau, BS
Veronica Dudarev, PhD	Jacqueline Rodriguez-Stanley, MA
Philipp Frank, MSc	Monika Sadlonova, MD
Elana Gloger, MS	Rebecca Salomon, PhD
Yeon Sik Jang, MA	Chrystal Spencer, BS
Elissa Kim, BA	Amanda Small, BA
Phoebe Lam, MS	Rachel Telles, BA
Rosa Maidhof, MSc	Florencia Trespacios, BA

### Diversity Travel Award

Jason Ashe, MA  
Karina Barragan, BS  
Kennedy Blevins, MA  
Sumaiya DeLane, BA  
Melissa Flores, PhD  
Luz Garcini, PhD  
Angelina Majeno, MPH

### MD Travel Award

Sasha Correia, BSc  
Victor Ekuta, BS  
Nadia Liyanage-Don, MD  
Ekaterina Protsenko, BS  
Jasper Voechel, MD

### Hall Travel Award

Thomas Tsai, BS  
Amanda Ting, MS  
Jin-Hui Wen, MA

### Travel Award for MacLean Scholars

Iris Ka-Yi Chat, MA  
Peiyi Wang, BA

### LGBT Travel Award

Courtney Taylor, MA  
Silke Jacmin-Park, BSc  
Christopher Crawford, BA

# APS Annual Scientific Meeting – March 23-26, 2022 – Long Beach, CA

## APS 2022 FAPS Recipients

Mustafa al'Absi, PhD  
Julia Boehm, PhD  
Margaret Chesney, PhD  
Lisa Christian, PhD  
Richard Contrada, PhD  
Erin Costanzo, PhD  
Joel Dimsdale, MD  
Donald Edmondson, PhD  
Sue Everson-Rose, PhD  
Kenneth Freedland, PhD  
Pete Gianaros, PhD

Tara Gruenewald, MPH, PhD  
Christoph Herrmann-Lingen, MD  
Gail Ironson, MD  
Natara Joseph, PhD  
Thomas Kamarck, PhD  
Gaston Kapuku, MD  
David Krantz, PhD  
Ian Kronish, MD  
Nina Kupper, PhD  
Mark Lumley, PhD  
Stephen Manuck, PhD

Anna Marsland, PhD  
Bruce Rollman, MD, MPH  
John Ruiz, PhD  
Suzanne Segerstrom, PhD  
Jesse Stewart, PhD  
Julian Thayer, PhD  
Rebecca Thurston, PhD  
A. Janet Tomiyama, PhD  
Julie Turner-Cobb, PhD  
Roland von Känel, MD  
Anna Whittaker, PhD

## 2021-2022 APS Council

Gail Ironson, MD, PhD, President  
Paige Green, PhD, MPH, FABMR, Immediate Past President  
Tené T. Lewis, PhD, President-Elect  
Tara Gruenewald, PhD, MPH, Secretary-Treasurer

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

### Council Members:

Charles R. Jonassaint, PhD, MHS  
Ian Kronish, MD, MPH  
Keely A. Muscatell, PhD  
Janet Tomiyama, PhD  
Anna Catriona Whittaker, PhD

## 2022 APS Annual Meeting Program Committee

Nina Kupper, Program Chair

Kyle Bourassa  
Jennifer Boylan  
Christopher Celano  
Jenny Cundiff  
Kimberly Dienes  
Stefanie Duijndam

Allison Farrell  
Siobhan Griffin  
James Halbert  
Robert Paul Juster  
Thomas Kamarck  
Youngmee Kim

Riley O'Neill  
Timothy Smith  
Agus Surachman  
Cora Weber  
DeWayne Williams  
Matthew Zawadzki

# APS Annual Scientific Meeting – March 23-26, 2022 – Long Beach, CA

## 2022 Abstract Reviewers

Mustafa al'Absi	Allison Gaffey	Youngmee Kim	Jennifer Nicoloro-	Jesse Stewart
Julia Boehm	James Garcia	Julie Kirsch	Santa Barbara	Anna Strahm
Jennifer Boylan	Annie Ginty	Erik Knight	Michael Noll-Hussong	Shaoyong Su
Ryan Brindle	Elana Gloger	Julian Koenig	Cristina Ottaviani	Jennifer Sumner
Elizabeth Brondolo	Paige Green	Marja Koski	Avelina Padin	Agus Surachman
Matthew Burg	Jeffrey Greeson	Ian Kronish	Hollie Pellosmaa	Yvette Szabo
Garrett Byron	Siobhán Griffin	Tamara Lacourt	Deidre Pereira	Lydia Temoshok
Christopher Celano	Tara Gruenewald	Sun Ah Lee	Martin Picard	Claudia Trudel-
Iris Ka-Yi Chat	Melissa Hagan	Sharon Lee	Lisa Quadt	Fitzgerald
Diana Chirinos	Katrina Hamilton	Susan Levenstein	Farah Qureshi	Julie Turner-Cobb
Lisa Christian	Misty Hawkins	Emily Lindsay	Rebecca Reed	Karina Van Bogart
Matthew Cribbet	Abby Hillmann	William Lovallo	Nicolas Rohleder	Jasper Voeckel
Ainslea Cross	Sari Holmes	Mark Lumley	Marzio Sabbioni	Marta Walentynowicz
Jenny Cundiff	Emily Hooker	Constance Mackay	Monika Sadlonova	Cora Weber
Samuel Cyr	Angela Incollingo	Annelise Madison	Kristen Salomon	Katja Weimer
Johanna Czamanski	Rodriguez	Anna Marsland	Timothy Sannes	Ali Weinstein
Hans-Christian Deter	Karen Jakubowski	Sarah Martinq	Ulrich Schweiger	Jin Wen
Kristina Dickman	Marc Jarczok	Ann Maxwell Eward	Lisa Shank	Christopher Wendel
Meaghan Donewar	Frank Jenkins	Jeanne McCaffery	Peter Shapiro	Kamila White
Veronica Dudarev	Yanping Jiang	Pamela Miller	David Sheffield	Kerry Whittaker
Stefanie Duijndam	Jillian Johnson	Karissa Miller	Christine Sigrist	Anise M.S. Wu
Katherine Ehrlich	Emily Jones	Paula Mommersteeg	Nancy Sin	Kazuhiro Yoshiuchi
Marc D. Ferger	Krystal Jovel	Matthew Muldoon	Timothy Smith	Robert Zachariae
Susanne Fischer	Tom Kamarck	Motohiro Nakajima	Michael Stanton	Matthew Zawadzki
Guillaume Foldes-	Kakota Gaston	Urs Nater	Stephen Stern	Peggy Zoccola
Busque	Kapuku			

### 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.

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