

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

Paper Session 6: INDIVIDUAL DIFFERENCES IN RESPONSES TO VIRAL INFECTION AND VACCINATION

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

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

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

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 InequalitiesIntroduction: *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

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 Megan
Shannon Donofry, PhD	Miller, PhD
Elenora Iob, PhD	Karly Murphy, PhD
Karen Jakubowski, PhD	Jennifer Nicoloso-Santa Barbara, PhD
Dusti Jones, PhD	Kristin Nishimi, PhD, MPH
Anne-Josée Guimond, PhD	Megan Renna, PhD
Harold Lee, PhD	Agus Surachman, 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

Georgia Saldanha, BSc

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

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

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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
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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
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Hans-Christian Deter	Karen Jakubowski	Sarah Marting	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.

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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