

American Psychosomatic Society



81st Annual Scientific Meeting

BIOPSYCHOSOCIAL HEALTH IN CONTEXT

March 20-23, 2024
Brighton UK



2024 Program Book

WEDNESDAY, MARCH 20

7:30am – 5:30pm

**Annual Meeting Registration
Reception 2**

4:45pm – 5:40pm

**Opening Session – Plenary
Room: Oxford**

Welcome and 2024 Awards Recognition

8:00am – 12:00pm

**Young Investigator Colloquium
(invitation only)
Room: Ambassador**

5:45pm – 6:30pm

**Plenary
Room: Oxford**

**Distinguished Scientist Award Lecture
Speaker: Richard Lane, MD, PhD**

8:30am – 12:00pm

**APS Council Meeting
(invitation only)
Room: Chartwell Suite**

6:30pm – 8:00pm

**Citation Poster Session
Room: Durham**

Poster presenters can put posters up starting at 2:00pm. Take down immediately following the session.

1:00pm – 4:30pm

**Half Day Workshop – Equity,
Diversity, and Inclusion in
Mentorship: Systemic,
Interpersonal, and Intrapersonal
Approaches
(pre-registration required)
Room: Kennsington**

8:00pm – 9:00pm

**Fellow of APS (FAPS) Reception
Room: Cambridge**

Organizer: Nancy Sin, PhD

Workshop Leaders: Briana Mezuk, PhD, Janet Tomiyama,
PhD, Becky Salomon, PhD, RN, PMHNP-BC

Panelists: Iris Chat, MA, Cameron Wiley, MA, Anita Adams,
MS, Ryan Brown, PhD

7:00am – 6:00pm **Annual Meeting Registration Reception 2**

8:00am – 9:00am **First Time Attendee/New Member Welcome Breakfast**
Room: Balmoral

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

8:00am – 8:30am **Coffee Break**
Room: Durham

8:00am – 9:00am **Workshop – Bees and Refugees**
Room: Clarence

Organizer: Layla Banihashemi
Presenters: Heidi Sarah Affi & Ali Alzein

8:00am – 9:00am **Workshop – The Value of Longitudinal Aging Studies in Biobehavioral Research**
Room: Kensington

Chair: Janet Tomiyama, PhD
Presenter: Andrew Steptoe, DSc

9:00am – 10:00am **Plenary**
Room: Oxford

Keynote Presentation: Future Directions in Racial Health Inequities and Biosocial Research

Speaker: *Bridget Goosby*

10:00am – 10:15am **Coffee Break**
Room: Durham

10:15am – 11:15am **Concurrent Sessions**

Symposium 801 / Neurodiversity As a Central Theme in Psychosomatic Medicine

Room: Kensington
Chair and Moderator: Lisa Quadt, PhD

1199
Understanding and Overcoming Barriers to Healthcare for Autistic People
Sebastian Shaw, PhD, MD

1202
The impact of unconscious bias and stigma in research and healthcare on neurodivergent wellbeing
Mary Doherty, MD

1205
Understanding complexity: connective tissue variants (hypermobility) link neurodivergence to bipolar disorder
Emily Bucknill, BSc

1206
ADHD and emotion processing
Sarah Garfinkel, PhD

Paper Session 21 (Trainee Spotlight): Caregiver Health
Room: Buckingham

Chair: *Anna Whittaker, PhD*

1017 / Psychosocial-spiritual outcomes in parents of children with type 1 diabetes from the Middle East and North Africa region: a systematic review
Mariam Asaad, MRes

1230 / The Cardiovascular Effects of Caregiving on Young People: The Role of Coping
Aoife Bowman Grangel, BSc

795 / Perceived Partner Responsiveness Moderates the Association Between Relationship Dissatisfaction and Well-Being in Dementia Spousal Caregivers
Vincent Lai, BA

970 / Mitochondrial function, physical functioning, and daily affect: Bioenergetic mechanisms of dementia caregiver well-being
E. Lydia Wu-Chung, MA

Paper Session 3: Health Impacts of COVID

Room: Dukes
Chair: *Ali Weinstein, PhD*

855 / Exploring the associations between long-COVID and mental health in Irish adults
Aundria Cameron, BSc, MSc

1222 / Longitudinal investigation of predictors of symptom burden in patients under investigation for Postural Tachycardia Syndrome (POTS)
Iris Knoop, PhD

1328 / Prevalence of Mental Health Conditions and Brain Fog in people with long COVID.
Christina Van der Feltz-Cornelis, MD, PhD

Paper Session 11: PTSD Symptoms & Health

Room: Balmoral
Chair: *Nadia Liyanage-Don, MD, MS*

1128 / Associations of post-traumatic stress related symptoms with cannabis use: Cross-Sectional and Prospective observations.
Arwa Ben Salah, MD

930 / Posttraumatic Stress Disorder, Community Disadvantage, and Coronary Artery Disease: A 20-year Retrospective Cohort Study of Younger Men and Women Veterans
Allison Gaffey, PhD

828 / Qualitative Analysis of PTSD-related Factors in an In-hospital Trauma Interview of Patients following a Stroke
Corinne Meinhausen, MA

1080 / Cardiac-Induced PTSD Symptoms Predict Shorter Sleep and Worse Sleep Quality a Month After Acute Coronary Syndrome Evaluation
Maia ten Brink, PhD

Paper Session 15: Mind-Body Interventions & Biopsychosocial Health**Room: Oxford**

Chair: Sally Dickerson, PhD

987 / Adapted behavioral sleep and yoga interventions for adults in low-income and racial/ethnic minority communities
Suzanne Bertisch, MD, MPH

760 / White and Black patients' differential responses to a mindfulness-based group medical visit intervention for chronic pain
Angela Incollingo Rodriguez, PhD

1044 / Different yoga styles and stress
Kate Edwards, PhD

1248 / Enhancing Stress Recovery Through the Integration of Transcranial Direct Current Stimulation and Slow-Paced Breathing: A Multimodal Investigation
Emmanuelle Schoonjans, MSc

11:15am – 11:30am Transition**11:30am – 12:30pm Concurrent Sessions****Symposium 3: 840 / Equity and Antiracism: A Panel on Bridging Theory to Practice Across Academia and Healthcare****Room: Kensington**

Chair: Yvette Szabo, PhD

Moderator: Yvette Szabo, PhD on behalf of the Antiracism Task Force

1191 / Antiracist Practice in Medical Education: An institutional intervention
Gaurish Chawla, PhD

1193 / Community Considerations for Health Equity and Research: Chronicles from Asian American and Pacific Islander Projects
Melanie Sabado-Liwag, PhD, MPH

1192 / Disciplinary Intersections as Forums for Minority Health and Health Equity Research
Briana Mezuk, PhD

1194 / Racialised Impediments to Providing and Receiving Specialist Maternal Health Care in England
Ulla McKnight, PhD

LATE BREAKING 1: Navigating Life Experiences & Health**Room: Buckingham**

Chair: Amber Johnson, PhD, MPH

1418 \ Discrimination as a Moderator for the Relationship between Physical Activity and Monocyte Subsets: Data from the Step It Up Physical Activity Intervention
Dana Sandler, BA

1367 / State Rumination Links Stressful Life Events to Cortisol Response during an Acute Stressor
Jacqueline Rodriguez-Stanley, MA

1370 \ Natural Killer Cell Function is Impaired among African American Women Experiencing Discrimination Residing in the Socioeconomically Under-resourced Neighborhood: Data from a Pilot Study of the Step It Up Physical Activity Intervention
Abhinav Saurabh, PhD

1045 / The moderating effect of aggregate health and inequality indicators on the relationship between hobby engagement and depressive symptoms: meta-regressions from 16 countries
Daisy Fancourt, PhD

Paper Session 19: Biological and Psychological Mediators**Room: Dukes**

Chair: Daryl O'Connor, PhD

1168 / Anxiety mediates the association between adverse childhood experiences and blunted cardiovascular reactivity to acute psychological stress
Aisling Costello, PhD

1197 / Does Cortisol Mediate The Effects of Minority Stress on Mental Health in Gender and Sexual Minorities?
Susanne Fischer, PhD

1022 / Greater social media use is associated with higher levels of the intestinal permeability ("leaky gut") marker Lipopolysaccharide Binding Protein, which statistically mediates the relationship between social media use and the inflammatory marker C-Reactive Protein.
Jijeong Jeong, MA

1273 / Emotion suppression and loneliness mediate the relation between intolerance of uncertainty and depressive symptoms throughout the first 10 months of the COVID-19 pandemic
Florencia Trespalacios, MA

Paper Session 7: Positive Factors in Aging Populations**Room: Balmoral**

Chair: Marie Cross, PhD

835 / Discrimination, Positive Reappraisal, and Hypertension among Older Black Adults
Heather R. Farmer, PhD

1096 / Maintaining purpose in life predicts less cognitive decline in older adults
Elliot Friedman, PhD

1247 / The negative affect and pain connection in older adults: The role of social interactions and enjoyment
Jennifer Graham-Engeland, PhD

1116 / Positive Experiences are More Strongly Linked to Biological Aging in the Least Advantaged
Tara Gruenewald, PhD, MPH

Paper Session 6: Personality Factors & Health**Room: Oxford**

Chair: Charlse Jonassaint, PhD

1139 / Type D personality, psychosocial factors, and health status as predictors for major adverse cardiovascular events in non-obstructive coronary artery disease.
Paula M.C. Mommersteeg, PhD

1239 / The Impact of Speaking During Social Conflict on Blood Pressure in Hostile Individuals
Eli Rice, BA

1187 / Can we use loneliness, personality traits, major depression disorder, and social deprivation polygenic scores to predict loneliness rate of change? Results from the English Longitudinal Study of Ageing.
Thamara Tapia-Munoz, MSc

1278 / Personality Matters: Examining How Trait Anger Moderates the Association between Momentary Anger and Ambulatory Blood Pressure
Matthew Zawadzki, PhD

12:30pm – 1:45pm **Lunch & Networking**
Room: Cambridge

Roundtable Lunch
Room: Lancaster
The Global Future of Psychosomatic Medicine: Collaborating with Other Organizations to Enhance Value to Members and Impact on the Field
Organizer: Christopher Celano, MD
(pre-registration required)

Roundtable Lunch
Neurodivergence & Biopsychosocial Health
Organizers: Lisa Quadt, PhD, Stephanie Cook, MPH, DrPH
(pre-registration required)
Room: Sandingham

Roundtable Lunch:
Room: Clarence
Get to Know the NIH
Organizers: Emily Hooker, PhD Amanda Acevedo, PhD, Elizabeth Necka, PhD
(pre-registration required)

SIG Meeting:
Room: Ambassador
Digital and Telemental Health
Chair: Stephen Locke, MD
(pre-registration required)

Roundtable Lunch:
Room: Surrey 2
Asthma - Disease a Year (DAY) Symposium 2023
Organizers, Thomas Ritz, PhD, Melissa Rosenkrantz, PhD
(pre-registration required)

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

Invited Symposium 951 / Complex Chronic Stress and Traumatic Exposures of Middle Eastern and North African (MENA) Populations: From Health Systems to Refugee and Immigrant Biological and Mental Health Outcomes
Room: Kensington
 Chair and Moderator: Layla Banihashemi, PhD

1012
 Physiological and Immune Processes Impacting Mental and Physical Health in Adults and Youth Resettled as Refugees
Lana Grasser, PhD

1018
 Conflict Affected Populations in Syria: from Displacement, Utilisation of Health Services, Attacks on Healthcare, and Physical and Mental Health Outcomes to Locally Informed Health System Interventions
Abdulkarim Ekzayez, MD, PhD

1083
 Psychosocial Factors and Telomere Length among Parents and Infants of immigrant Middle Eastern and North African (MENA) Families
Dalia Khalil, PhD

Paper Session 23: Biological Measurements Considerations

Room: Buckingham
 Chair: Aric Prather, PhD

1107 / Habituation of cardiometabolic uncoupling during consecutive mental stress exposures
Ryan Brindle, PhD

1279 / Ethical and psychological challenges with smartwatch-based cardiac monitoring: a systematic review
Marijn Eversdijk, MA

1229 / Towards a Novel Contactless Health Biomarker: investigating the relationship between heart rate variability and facial temperature
Maria Serena Panasiti, Psychology

1281 / Extracellular free water content in white matter is significantly correlated with interindividual differences in peripheral inflammation
Cristina Pinheiro, BS

Paper Session 8: Positive Factors & Well-Being

Room: Dukes
 Chair: Christopher Celano, MD

1284 / Purpose in Life Is Positively and Prospectively Associated with Physical Recovery After Cardiac Arrest
Jeffrey Birk, PhD

1272 / Sources of psychological well-being and their associations with cardiovascular health: A mixed methods investigation in the Midlife in the United States Study
Marie Cross, PhD

768 / Association between optimism and incident stroke among stroke survivors: findings from the English Longitudinal Study of Ageing (ELSA).
Joseph Chilcot, PhD

941 / The Longitudinal Relationship among Gratitude, Health Anxiety, Physical Health, and Well-Being During the COVID-19 Pandemic
Amy Senger, MA

Paper Session 1: Cancer and Improved Quality of Life**Room: Balmoral**

Chair: Ali Weinstein, PhD

1070 / Digital Cognitive Behavioral Stress Management Improves Anxiety, Depression, Distress Symptoms and HRQoL in Persons with Stage I – III Cancer: A Decentralized Randomized Controlled Trial

Michael Antoni, PhD

805 / A Comprehensive Lifestyle Randomized Clinical Trial for Women with Breast Cancer (BCa) Undergoing Radiotherapy

Lorenzo Cohen, PhD

923 / Psychosocial Interventions to Improve Quality of Life in Hispanic/Latino Cancer Survivors: A Meta-Analysis

Patricia B. Pedreira, MS

1405 / Higher Emotional Awareness Predicts Longer Survival after Breast Cancer Diagnosis

Karen Weihs, MD**Paper Session 16: Connections Between Past & Future Health****Room: Oxford**

Chair: Iris Chat, MA

1082 / A Longitudinal Investigation of Weight Loss Behaviors in Emerging Adulthood and Inflammatory Health at 14-year Follow-up

Harley Layman, MS

1166 / Childhood family environment and lifelong inflammatory and cardiometabolic health: A systematic review

Brianna Natale, MS

959 / A history of past obesity increases risk of future mental ill health and early mortality: evidence from two longitudinal studies

Eric Robinson, PhD**2:45pm – 3:00pm****Coffee Break****Room: Durham****3:00pm – 4:00pm****Concurrent Sessions****Symposium 1: 799 / Biological, Psychosocial, and Contextual Factors Influencing the Link between Discrimination and Well-Being Across Adulthood****Room: Kensington**

Chair: Carrington C. Merritt, MA

Moderator: Keely A. Muscatell, PhD

800 / Managing Adversity: Do Neighborhood and Social Factors Affect the Relationship between Racial Discrimination and Multidimensional Schizotypy?

Mahogany A. Monette, MS

1005 / Black Americans' Perceptions of Control Protect Against Inflammation-Mediated Link between Discrimination and Chronic Disease

Carrington C. Merritt, MA

1184 / Everyday Discrimination and Atherosclerotic Plaque in African-American Women with and without Systemic Lupus Erythematosus

Tené T. Lewis, PhD

1186 / Black Women's Experiences of Intersectional Discrimination Across the Lifespan and Implications for Psychological Health

Christy L. Erving, PhD**Symposium 5: 780 / Methodological and Measurement Considerations and Innovations in Aging Biomarkers****Room: Buckingham**

Chair: Rebecca G. Reed, PhD

Moderator: Anna L. Marsland, PhD

784 / Inflammatory Biomarkers in Older Adults: Stability, Correlations, and Components

Christopher G. Engeland, PhD

788 / Adapting Epigenetic Clocks for Longitudinal and Interventional Studies

Albert Higgins-Chen, PhD

967 / Mapping Age-related Changes in Human Mitochondrial Psychobiology

Caroline Trumpff, PhD

971 / Inflammatory Cytokines in Older Adults' Dried Blood Spots: Reliability, Validity, and Acceptability of Remote vs. In-Person Data Collection

Rebecca G. Reed, PhD**Symposium 7: 829 / Getting The Right Treatments To The Right Patients At The Right Time: Biopsychosocial Approaches To Postsurgical Pain Management Across The Lifespan****Room: Dukes**

Chair: Max Slepian, PhD

Moderator: Nils Niederstrasser, PhD

1015 / The link between psychological profiles and chronic postsurgical pain in older adults - evidence and challenges

Nils Niederstrasser, PhD

1251 / New developments and overcoming barriers in psychological and multidisciplinary management of postsurgical pain

Max Slepian, PhD

1253 / Evaluating risk factors and treatment targets of pediatric perioperative pain

Brittany Rosenbloom, PhD

Paper Session 20: Social Processes**Room: Balmoral**

Chair: Jackie Rodriguez-Stanley, MA

1204 / Anxious minds or broken hearts: the consequences of witness social stress in rats are sex-specific

Luca Carnevali, PhD

1220 / Multiple Group Membership reduces Mortality: Findings from the MIDUS Data Series

Grace McMahan, PhD

1304 / Lagging Behind: Examining How Variations in Typical Controls Alter the Association between Interpersonal Mistreatment and Subsequent Negative Mood

Matthew Zawadzki PhD**Paper Session 5: Biological, Psychological, Social, & Environmental Factors in Gastrointestinal Health**

Chair: Maaïke Van Den Houte, PhD

Room: Oxford

1188 / Biological, Environmental, and Psychological Stress and the Human Gut Microbiome

Desiree Delgadillo, PhD

927 / Discrimination Exposure Impacts Brain and Gut Microbiome Interactions

Arpana Gupta, PhD

1238 / A randomized controlled trial of a supported digital cognitive behavioural self-management programme versus care as usual for symptoms of fatigue, pain and urgency/incontinence in adults with inflammatory bowel disease (IBD-BOOST).

Rona Moss-Morris, PhD

907 / Do interventions for mood improve inflammatory biomarkers in Inflammatory Bowel Disease?: A Systematic Review and Meta-Analysis

Natasha Seaton, MSc**4:15pm – 5:30pm****Poster Session 1****Room: Durham**

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

5:30pm – 6:30pm**Mentor/Mentee Reception****Room: Clarence****FRIDAY, MARCH 22****8:30am – 5:00pm****Registration Open****8:30am – 9:00am****Coffee Break**
Room: Durham**9:00am – 10:00am****Plenary****Presidential Address: Peter Gianaros, PhD****Room: Oxford****10:00am – 10:30am****Coffee Break**
Room: Durham**10:30am – 11:30am****Plenary****Healthy Green Cities for Whom? From Green Spaces For All to Socio-environmental Justice Considerations**Introduction: *Kristi White, PhD*Speakers: *Margarita Triguero-Mas, MPH, PhD***Room: Oxford****11:30am – 11:45am****Transition****11:45am – 12:45pm****Concurrent Sessions****Paper Session 14: Environmental Influences on Health**

Chair: Layla Banihashemi, PhD

Room: Kensington

1283 / Association between neighborhood-level socioeconomic disadvantage and multiple cognitive domains in a community sample of older adults

Abby Hillmann, MS

1244 / Heart Rate Variability and Long-term Exposure to Air Pollution: A Cross Sectional Analysis of the Healthy Aging in Industrial Environment (4HAIE) Study

Vera Kr. Jandackova, PhD

955 / Neighborhood, Sociodemographic, and Biopsychological Predictors of Metabolic Syndrome Development among Middle-aged and Older Adults

Yanping Jiang, PhD

854 / Understanding the role of neighbourhood characteristics in explaining socioeconomic inequalities in child mental health: Evidence from the Growing Up in Ireland Study

I Gusti Ngurah Edi Putra, PhD

Paper Session 10: Sleep and Health

Chair: Alison Gaffey, PhD

Room: Buckingham

830 / The Effects of Dyadic Stress Regulation on Daily Sleep Health among Adult Patients with Cancer and their Sleep-partner Caregivers

Youngmee Kim, PhD

1276 / Effects of Sleep Deprivation and Recovery Sleep on Serum Biomarkers of Alzheimer's Disease in Retired Adults

Matthew Lehrer, PhD

1117 / Impact of sleep and circadian timing on antibody responses to the COVID-19 vaccine

Aric Prather, PhD

1316 / Impact of Sleep Quality on Prenatal Cognitive Behavioral Stress Management Intervention Effects on Pre- and Postnatal Cortisol Patterns

Guido Urizar, PhD**Paper Session 13: Racialized Stress & Biopsychosocial Health**

Chair: Michael Stanton, PhD

Room: Dukes

1263 / Emotion Regulation Effectiveness, Race-Based Trauma, and the COVID-19 Pandemic: The Role of Social Media Exposure

Melissa Hagan, PhD, MPH

814 / Historical Structural Racism in the Built Environment and Physical Health in Allegheny County, Pennsylvania

Elizabeth Votruba-Drzal, PhD

1169 / Central Hemodynamics in African American Women: Examining the Role of Superwoman Schema Endorsement

Zachary Martin, PhD

892 / Investigating How Rejection Sensitivity Shapes the Link Between Discrimination and Telomere Length in African American Women

Amanda Perez, PhD**Symposium 10: 1181 / Experimental Investigations of Low-Cost Interventions To Enhance Coping: Impact On Psychological And Biological Responses To Stress**

Chair: Sarah Williams, PhD

Moderator: Mark Wetherell, PhD

Room: Balmoral

1241 / A Comparison of Guided Imagery and Positive Expressive Writing for Alleviating Acute Anxiety

Michael Smith, PhD

1249 / Investigating Unique Profiles of Positive and Negative Imagery Ability with Psychological Responses to Stress-Inducing Imagery

Alexandra Tyra, MSc

1250 / Layered Stimulus Response Training Increases Imagery Ability and Alters Stress Appraisals

Sarah Williams, PhD

1252 / Psychological Flexibility and Cardiovascular Stress-Response Adaptation to Recurrent Stress Demands

Siobhán Howard, PhD**Symposium 2: 978 / The Body As Context: Interoception In Health And Disease**

Chair: Adrienne Bonar, MA

Moderator: Hugo Critchley, PhD

Room: Oxford

1122 / Neural substrates of interoceptive dysfunction in anxiety, depression, and eating disorders

Sahib Khalsa, MD, PhD

1136 / I can control my body even when stressed: An RCT testing the efficacy of a biofeedback-assisted psychological intervention for interoceptive awareness.

Aikaterini Fotopoulou, PhD

1137 / Aging bodies and emotions: Testing the physiological hypothesis of emotional aging

Mallory Feldman, MA

1138 / Prior discrimination and current affective context modulate Black individuals' neural representations of social cues in the allostatic interoceptive network

Gabriella Alvarez, PhD**12:30pm – 1:45pm****Lunch & Networking****Room: Cambridge****Past Leaders Luncheon***(invitation only)***Room: Lancaster****APS SIG Meeting: Early Career Network****Room: Sandingham**

Chairs: Tasneem Khambaty, PhD, Rebecca Reed, PhD

APS SIG Meeting: Psychosocial Wellbeing & Health**Room: Clarence**

Chairs: Marie Cross, PhD, Farah Qureshi, PhD

*(pre-registration required)***APS SIG Meeting: Affect Science****Room: Ambassador**

Chair: Karl Jurgen Bar, MD

*(pre-registration required)***Clinical Research Task Force****Room: Surrey 2**

Chair: Christopher Celano, MD

2:00pm – 3:00pm Concurrent Sessions**Paper Session 9: Sleep, Cognition, & Psychological Processes**Chair: *Nancy Sin, PhD***Room: Kensington**

893 / The Interrelationship of Racism-related Worry, Racial Discrimination, and Sleep Disturbance Among African American Women

Amanda Perez1095 / The daily dynamics of sleep and subjective cognition
Nicole Stuart

1235 / A mechanistic look at how headspace improves sleep quality through perseverative cognitions

Zoltan Torok

1052 / The quantitative cost of racial sleep disparities for daily memory processing

Lauren Whitehurst**Symposium 9: 1097 / Childhood Contextual Antecedents Of Adult Cardiometabolic Health: Preliminary Findings From A Prospective Study Of Men Born Into Low-Income Circumstances**Chair: *Elizabeth Votruba-Drzal*Moderator: *Keely Muscatell, PhD***Room: Buckingham**1099 / Childhood family environment and adult cardiometabolic health: Comparing prospective and retrospective assessments
Brianna Natale, MS

1098 / Childhood Socioeconomic Circumstances at the Family and Neighborhood Level in Relation to Cardiovascular Health in Adulthood

Emily Jones, PhD

1100 / Childhood income, Food Insecurity, and Cardiometabolic Risk in a High-Risk Sample of Young Adults

Sydney Damon, BS**Paper Session 22 (Trainee Spotlight): Psychoneuroimmunology**Chair: *Tara Gruenwald, PhD, MPH***Room: Dukes**1007 / Inflammation and reward processing: a meta-analysis
Iris Ka-Yi Chat, MA

922 / Immune-Neuroendocrine Patterning and Response to Stress. A Latent Profile Analysis in Elsa

Odessa S. Hamilton, MSc

1141 / The relationship between physical activity intensity and leukocyte changes during psychological stress

Victoria Linsley, MSc

1144 / Examining the relationship between acute psychological stress, habitual sedentary time and leukocyte counts

Victoria Linsley, MSc**Paper Session 12: Trauma Exposure & Health**Chair: *Ruth A Hackett, PhD***Room: Balmoral**

918 / Patterns of trauma exposure, contextual stress, and PTSD in diverse, low-income women

Yasmin Kofman, PhD

1113 / Childhood Trauma and Hair Cortisol Response over the Year following Onset of a Chronic Life Event Stressor

Anna L. Marsland, PhD

1268 / Effects of childhood trauma on stress-related vulnerability factors: an ecological momentary assessment study

Daryl O'Connor, PhD

885 / Intervening after trauma to improve child health: Child-Parent Psychotherapy participation associates with lower pediatric epigenetic age acceleration after treatment

Alexandra Sullivan, PhD**Symposium 13: 1289 / Exploring The Impact Of Positive Psychosocial Factors In Diverse Populations: Who Benefits And How?**Chair and Moderator: *Farah Qureshi, ScD***Room: Oxford**

1292 / Racial differences in teens' feelings of connection to school and cardiovascular health during the transition to adulthood

Farah Qureshi, ScD

1308 / Associations between positive childhood experiences and emotion regulation skills among young adults in Mainland China

Effy Yu, PhD

1311 / Same Smiles, Different Trials: Ethnicity Moderates the Association of Social Well-Being with Cardiovascular Health

Cameron Wiley, MA

1314 / Purpose in life and its Association to Parkinsonism

Hayami Koga, PhD**3:00pm – 3:15pm****Coffee Break
Durham****3:15pm – 4:15pm****Concurrent Sessions****Invited Symposium 1077 / Climate Change and Health****Room: Kensington**Chair: *Vera Kr. Jandackova, PhD*Moderators: *Vera Kr. Jandackova, PhD, E. Alison Holman, PhD*

1078

Embracing the opportunity: Tackling climate change to enable a thriving future for all

Marina Romanello, PhD

1091
A Biopsychosocial-Ecological Risk Pathways Approach to Address Climate Change Mental Health Impacts
Kelton Minor, PhD

1092
Unequal effects of climate change on mental health
Shuo Zhang, MA, MBBS, Msc, MRCPsych

Paper Session 2: Psychosocial Factors & Cancer

Room: Buckingham

Chair: *Charles Jonassaint, PhD*

984 / Association Between Social Determinants of Health and Self-Reported Medication Nonadherence in an Outpatient Breast Cancer Clinic
Nadia Liyanage-Don, MD, MS

1357 / The Buffering Effect of Social Support on Serum Cortisol in Breast Cancer Patients Living in Disadvantaged Neighborhoods
Milan Kanaya

853 / Depressive symptoms, socioeconomic position and mortality in older people living with and beyond cancer
Natalie Miller, MSc

839 / Dyadic Associations of Self-regulation with Cardiovascular Stress Responses Among Patients with Cancer and their Caregivers
Thomas Tsai, MS

Paper Session 17: Facilitative Factors & Weight Management

Room: Dukes

Chair: *Janet Tomiyama, PhD*

1306 / A Mixed Methods Study of Barriers and Facilitators to Mindfulness-Based Weight Loss among Latina Women
Triniti Gistand, BA

1036 / Comparing the Predictive Utility of Bariatric Presurgical Evaluation Components
Tim Hoyt, PhD

950 / Promoting Latino Physical Activity and Health Through Community-led Environmental Advocacy
Wendy Troxel, PhD

796 / A Weight Bias Intervention Changes Obesity Medicine Behaviors Among Healthcare Providers
A. Janet Tomiyama, PhD

Paper Session 18: Health Disparities

Room: Balmoral

Chair: *Cameron R. Wiley, MA*

917 / Short-Term Smoking Abstinence After an Acute Coronary Event in a Diverse Sample
Andrew M. Busch, PhD

979 / Social Class Bias in Patient Perceptions and Investment in Care
Sierra Semko Krouse, BA

1121 / Facets of neuroticism and risk of dementia in older African Americans
Emily Serman, PhD

1004 / Association of Household Wealth and Inflammation among Adults in the Midlife in the United States (MIDUS) Study
Jingxin Yao, MSc

Late Breaking 2: Biosychosocial Factors & Health

Chair: *Kuan-Hua Chen, PhD*

Room: Oxford

1455 / Allostatic Load, Coronary Heart Disease and Dementia: Evidence from a nationally representative sample
Dorina Cadar, PhD

1349 / Investigating Protective Pathways: Do Positive Experiences Buffer Genetic Risk for Depression?
Selin O. Goktas, MS

4:15pm – 5:45pm

Poster Session 2

Room: Durham

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

5:45pm – 7:15pm

Emerging Leaders Social Hour

Room: Metropole Bar

Open to *all* students and trainees.

5:45pm – 7:15pm

Mid-Senior Mentor-Mentee Event

Room: Clarence

7:15am – 5:30pm **Annual Meeting Registration**
Reception 2

7:45am – 8:45am **Wellness Activity: Dive into**
Tranquility: Beachside
Mindfulness Walk & Meditation
Workshop (meet in hotel lobby)
Organizer: *Josh Murillo, BA*

SIG Meeting:
Sexual Minority Health
Room: Surrey 2
Chair: *Chris Crawford*

8:15am – 8:45am **Coffee Break**
Room: Durham

8:45am – 9:45am **APS Members Meeting**
Room: Oxford

9:45am – 10:00am **Coffee Break**
Room: Durham

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

Herbert E. Weiner Early Career Award Lecture
Room: Oxford
Awardee: *Dayna Johnson, PhD*

Paul D. McLean Award Lecture
Room: Oxford
Awardee: *Lisa Barrett, PhD*

11:45am – 12:30pm **Plenary**

Award Lecture: Martica Hall Award in Sleep Medicine:
Room: Oxford
Speaker: *Janet Mullington, PhD*

12:30pm – 1:45pm **Lunch & Networking**
Room: Cambridge

Psychosomatic Medicine
Associate Editors Meeting
Room: Surrey 2
(invitation only)

SIG Meeting:
Climate Change Sustainability & Health
Room: Clarence
Chairs: *Alison Holman, PhD, Karl Maier, PhD*
(pre-registration required)

Roundtable Lunch
Dyadic and Interpersonal Health Research
Room: Lancaster
Organizer: *Joan Monin, PhD*
(pre-registration required)

Roundtable Lunch:
Awards Committee – Early Career Research
Room: Ambassador
Organizer: *Aric Prather, PhD*
(pre-registration required)

Roundtable Lunch:
Discussion with MacLean Awardee
Room: Sandingham
Organizers: *Richard Lane, MD, PhD Hugo Critchley, DPhil*
(pre-registration required)

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

Special Paper Session: Stress, Sleep, and Health:
Highlights from the Special Issue Honoring Martica Hall
Room: Kensington
Chair: *Wendy Troxel, PhD*

1456 / Dyadic Investigation of Post-traumatic Stress Symptoms and Daily Sleep Health in Patients with Cancer and their Caregivers
Thomas C. Tsai, MS

1457 / Behavioral-social rhythms and cardiovascular disease risk in retired night shift workers and retired day workers
Eunjin Lee Tracy, PhD

1459 / Bidirectional Associations between Loneliness, Emotional Support, and Sleep in Daily Life
Kristina D. Dickman, MS

1458 / Financial Hardship and Sleep Quality among Black American Women with and without Systemic Lupus Erythematosus
Khadijah E. Abdallah, MPH

Paper Session 24: Treating & Addressing Psychological Distress
Room: Buckingham
Chair: *Lisa Quadt, PhD*

1266 / The role of skin-mediated signals in body awareness: From the lab to the clinic
Laura Crucianelli, PhD

1288 \ Effect of Modernized Collaborative Care for Depression on Individual Depressive Symptoms: Data from the eIMPACT Trial
Christopher A. Crawford, MS

1032 / Relations between subjective stress measurements and core symptomatology in chronic fatigue syndrome patients versus healthy controls
Ynse Doods, MSc

1450 / Optimizing a self-directed mobile mindfulness intervention for improving critical illness survivors' psychological distress: the Lift 2 factorial trial
Jeffrey Greeson, PhD

Symposium 12: 896 / Pain, Stress, and War: Situating Autonomic and Interoceptive Interventions in Biopsychosocial Health Contexts

Chair: *Sahib Khalsa, MD, PhD*

Moderator: *Giuseppina Porciello, PhD*

Room: Dukes

897 / Examining the role of interoceptive abilities in blood pressure-related hypoalgesia

Cristina Ottaviani, PhD, PsyD

905 / Fatigue as a disturbance of interoceptive prediction: How does the theoretical formulation match clinical research?

Hugo Critchley, DPhil, FRCPsych

914 / The interaction between stress and pain in Ukrainian women

Sarah Nicola Garfinkel, PhD

919 / Beyond stress reduction: evaluating the role of floatation-REST in managing psychiatric and psychosomatic symptoms

Sahib Khalsa, MD, PhD

Symposium 8: 1014 / The Social Nature of Physiology: Lessons from Diverse Dyads across the Adult Lifespan

Room: Balmoral

Chair: *Stephanie J. Wilson, PhD*

Moderator: *Discussant: Youngmee Kim, PhD*

1087 / Default Mode Network Neurodegeneration in Persons with Alzheimer's Disease is Associated with Their Reduced Physiological Linkage to Family/Friend Caregivers

Kuan-Hua Chen, PhD

1042 / Attachment Security and Systolic Blood Pressure during Positive and Stress-inducing Conversations Among Parents Living with Early-Stage Dementia and Adult Children

Joan K. Monin, PhD

1041 / A Tale of Two Marital Stressors: Comparing Proinflammatory Responses to Partner Distress and Marital Conflict

Stephanie J. Wilson, PhD

Symposium 11: 1211 / Understanding The Social Determinants Of Mental And Physical Health: From Structural Inequalities To Discrimination.

Room: Oxford

Chair and Moderator: *Lydia Poole, PhD*

1212 / Changes in the prevalence of perceived discrimination and associations with probable mental health problems in the UK from 2015 to 2020: A repeated cross-sectional study.

Rosanna Maletta, MSc

1214 / Neighborhood Quality is Positively Associated with Depression Risk in US Adolescents

Danielle Kroboth, PhD

1216 / The interplay between polygenic susceptibility and perceived discrimination on depressive symptoms: a prospective cohort study

Toslina Khatun, PhD

1219 / The relationship between weight discrimination and cardiometabolic risk factors in diabetes: Findings from the English Longitudinal Study of Ageing.

Lydia Poole, PhD

3:00pm – 3:15pm

Coffee Break

Room: Durham

3:15pm – 4:15pm

Concurrent Sessions

Symposium 4: 860 / Using Community-oriented and Strength-based Approaches to Address the Opioid, Pain, and Suicide Crises among American Indian and Alaska Native People

Room: Kensington

Chair & Moderator: *Elizabeth D'Amico, PhD*

891 / Translating culture into effective community health interventions for Indigenous youth in rural Alaska contexts at highest global risk for suicide

Stacy Rasmus, PhD

899 / Development and implementation of a virtual culturally appropriate suicide prevention program for Alaska Native young people

Elizabeth D'Amico, PhD

901 / Pain among urban Native American emerging adults: Exploring socioeconomic and cultural factors

Anthony Rodriguez, PhD

900 / Perspectives of opioid use disorder treatment in American Indian and Alaska Native communities: A qualitative study

Kamilla Venner, PhD

Paper Session 4: Early Life Experiences

Room: Buckingham

Chair: *Meanne Chan, PhD*

889 / Adverse childhood experiences, functional impairment, and depressive symptoms in older adults: examining longitudinal pathways in a prospective cohort study

Amy McInerney, MSc

1269 / Mothers' Prenatal Distress Accelerates Adrenal Pubertal Development in Daughters

Molly Fox, PhD

1267 / The Role of Early Life Unpredictability in Reward Processing: A Cross-Species Study

Laura M. Glynn, PhD

1178 / Adverse Childhood Experiences as Predictors of Changes in Diurnal Cortisol Secretion during Adolescence

Tamara Lorenz, MSc

Paper Session 25: Adversity & Health

Room: Oxford

Chair: *Becky Salomon, PhD*

1160 / Associations Between Discrimination and Markers of Systemic Inflammation: A Systematic Review and Meta-Analysis

Megan Cardenas, BS

961 / The Association of Stress, Lifestyle and Environmental Exposures with Appetite Hormone Levels in Children and Adolescents.

Nathalie Michels, PhD

1119 / Accelerated Cellular Aging as a Path to Greater Mortality Risk in Those with Greater Life Course Socioeconomic Disadvantage

Tara Gruenewald, PhD, MPH

Symposium 6: 825 / The Future of Psychosomatic Medicine: How Could our Field Become Fully Integrated into the Routine Practice of Medicine? A joint APS, EAPM and ICPM symposium

Room: Balmoral

Chair and Moderator: *Christopher Celano, MD*

964 / Evolving Application of the Biopsychosocial Model at University of Rochester Medical Center

Hochang Benjamin Lee, MD

1461 / Can team-based care deliver our goal of biopsychosocial care in the context of modern medicine?

Christoph Herrmann-Lingen, MD

969 / Mechanistically Targeted Approaches for Stronger, More Efficient Interventions to Prevent Disease and Advance Wellbeing Using Mobile Health

Karen Weihs, MD

966 / The importance of neuroscience in 21st century psychosomatic science

Richard D. Lane, MD, PhD

Symposium 14: 906 / Hypertension And Autonomic Reactivity To Stress: Measuring And Managing Risk

Room: Dukes

Chair and Moderator: Hugo Critchley, MBChB DPhil

908 / Hypertension -- pathogenesis and optimum management in the elderly

Chakravarthi Rajkumar, MBBS, MD, PhD, FRCP, FBHS

909 / Hemodynamic profile of differing patterns of cardiovascular stress response adaptation

Siobhán Howard, PhD

1039 Early life stress and attachment trauma and their roles on essential hypertension

Eva Roder, MD

1043 / Microneurographic Assessment of Sympathetic Nerve Reactivity to Laboratory Mental Stress

Bigalke Jeremy A, PhD

4:15pm – 5:45pm

Poster Session 3

Room: Durham

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

6:00pm – 7:00pm

Council/ Committee Chair/ SIG Chair/ Program Committee/ Task Force Leaders Reception

(Invitation Only)

Room: Clarence

7:00pm – 11:00pm

CLOSING BANQUET

(ticket required)

Room: Oxford

SUNDAY, MARCH 24

9:00am – 5:00pm

LUGGAGE STORAGE

Room: Surrey 1

Luggage storage is available for meeting attendees. If storage is needed outside these hours, please see hotel registration desk.



2024 Awards of the American Psychosomatic Society

Distinguished Scientist Award: Richard D. Lane, MD, PhD

Patricia R. Barchas Award: Elissa Epel, PhD

Herbert E. Weiner Early Career Award: Dayna Johnson, PhD, MPH

Paul D. MacLean Award: Lisa Feldman Barrett, PhD

Martica Hall Sleep Medicine Award: Janet Mullington, PhD

Donald Oken Fellowship Award: Stephen Zipfel, MD

APS 2024 Young Investigator Colloquium

Gabriella Alvarez, PhD
Jeremy Bigalke, PhD
Desiree Delgadillo-Chase, PhD
Stephanie Duijndam, PhD
Victor Ekuta, MD
Kayla Johnson, PhD

Katherine Knauff, PhD
Anna Markser, MD
Zachery Martin, PhD
Alexandra Sullivan,
Juan del Toro, PhD
Megan Ware, PhD

APS Scholar Awards

Natalie Antenucci, BS
Ryan Brown, PhD
Megan Cardenas, BS
Ashley Forbes, BS
I Gusti Ngurah Edi Putra, PhD
Odessa S. Hamilton, MSc
Mason Krueger, BA
Harley Layman, MS

Rey Paolo Ernesto Roca III, MSN, RN
Madeline Plummer
Nicole Stuart, MA
Thomas Tsai, MS
Monica Vaillancourt, MSc
Kendra Wilson, MS
E-Lim Wu-Chung, MA
Jingxin Yao, MS

I2EyE Scholar Cohort

Nadia Liyanage-Don, MD, MS
Carrington C. Merritt, MA
Lilian G. Perez, PhD
Dante Anthony Tolentino, PhD

LGBT Travel Award

Daniel Argueta, BA
Iris Ka-Yi Chat, MA

Hall Travel Award

Zoltan Torok, PhD

MD Travel Award

Tesiya Franklin, BS
Jennifer Jolivert, MD
Lola Ortiz-Whittingham, BS
Jayson Wild, BS

MacLean Travel Award

Cristina Pinheiro, BS

APS 2024 FAPS Recipient

Elliot Friedman, PhD

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APS Annual Scientific Meeting – March 20 - 23, 2024 – Brighton

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Lisa Christian	Abby Hillmann	Peter Maclver	Hannah Schreier	Lawson Wulsin
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Nathan Deichert		Josh Murillo		
Sonya Deschenes				

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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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