



2020 Annual Meeting Achieving Health Equity: Opportunities for Psychosomatic Science

March 11 – 14, 2020 – Long Beach, California

WEDNESDAY, MARCH 11

7:00am – 7:00pm Annual Meeting Registration

International Ballroom Foyer

7:30am – 12:30pm Young Investigator Colloquium

Diversity Travel Scholars Program MD Travel Scholars Program

(invitation only)

Room: International II

8:00am - 12:00pm APS Council Meeting

(invitation only)

Room: International I

8:30am – 12:00pm Morning Workshop

MC, MD Open Science

Chairs: Janet Tomiyama, PhD, Peggy Zoccola, PhD Matthew Zawadzki, PhD, LaBarron Hill, PhD

Faculty: Neil Lewis Jr., PhD, Maryann Martone, PhD

Aidan G. C. Wright, PhD Room: Pacific I, II

Please note focused programming as marked:

MC = Mid-Career programming

MD = MD Programming

DIV = Diversity Programming

12:30pm – 4:00pm Afternoon Workshop

MC, MD, DIV Dataset Diversity

Chair: Manisha Sawhney, PhD

Faculty: Rebecca Campo, PhD, Deborah Jones Weiss, PhD,

MEd, Kimberly Hollabaugh, MS, Maria Llabre, PhD

Room: Pacific I, II

4:30pm – 5:00pm Opening Session

Recipients of the 2020 APS awards will be recognized.

Room: International III, IV, V

5:00pm - 6:00pm Plenary

Patricia R. Barchas Award Lecture: Biological Pathways

of Psychological Stress in the Context of Health

Introduction: Keely A. Muscatell, PhD Speaker: Anna Marsland, PhD, RN Room: International III, IV, V

6:00pm - 7:00pm Plenary

2020 Presidential Address

Introduction: Téne Lewis. PhD

Speaker: Susan Everson-Rose, PhD, MPH

Room: International III, IV, V

7:15pm – 9:00pm Welcome Reception

Welcome to the APS 2020 Annual Meeting!

Room: World Trade Center Plaza (outdoors- permitting)

7:00am - 6:30pm

Annual Meeting Registration International Ballroom Foyer

7:15am - 8:15am

Continental Breakfast Promenade and Foyer

First Time Attendee/New Member Welcome Breakfast

Room: Gallerie Rooms

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.

NIA/RCMAR Scholar Training: Health and Health Disparities of Minority Elders

Faculty: Steven P. Wallace, PhD Room: Mediterranean I, II

Dr. Wallace will present information on the National Institute of Aging (NIA) initiative to enhance the diversity of the aging research workforce in priority areas of social, behavioral, and economic research on aging, and to develop infrastructure to increase the number of researchers focused on health disparities, and the health of minority elders.

8:15am - 9:15am

Plenary

DIV Keynote Presentation

Introduction: Paige Green, PhD, MPH Speaker: Wizdom Powell, PhD, MPH

Room: International III, IV, V

9:15am - 10:30am

Citation Poster Session
Posters #1-34 will be presented
Promenade and Foyer

Poster presenters should put up their posters by 7:15am and remove posters no later than 11:45am or they will be taken down and stored. The integrity of posters left up after 11:45 am cannot be guaranteed.

10:30am - 11:30am

Concurrent Sessions

Invited Symposium: Environmental Disparities

Chair: Ted Robles, PhD

Speakers: Rachel Morello-Frosch, PhD, MPH,

Malo Andre Hutson, PhD, MCP Room: International III

Symposium 1566 / STRESS, COPING AND CARDIOMETABOLIC HEALTH RISK FACTORS AMONG

LATINX POPULATIONS Chair: Shakira F. Suglia, ScD Discussant: Carmen Isasi, PhD

Room: International II

1688 / Stress, Effortful Coping And Adiposity Among Puerto

Rican Youth

Shakira F. Suglia, ScD

1710 / The Bidirectional Relationships Between Sleep and Psychological Stress in Daily Life: Results from an Ecological Study of Healthy Latina/o/x Adults

Carmela Alcantara, PhD

1741 / Perinatal Exposure To Maternal Sociocultural Stressors In Obesity-Related Factors In Mother Child/Dyads Of Mexican Descent

Kimberly D'Anna-Hernandez, PhD

Paper Session: METHODOLOGICAL ADVANCES ACROSS THE BIOMARKER SPECTRUM

Chair: Anna Marsland, PhD, RN Room: International IV, V

1791 / Using Over 140,000 Moments Of Negative Emotion And Ambulatory Blood Pressure To Advance The Field: A Systematic Review And Meta-Analysis

Nataria T. Joseph, PhD

1189 / The Emperor Has No Cortisol: Frequency Of Estimation Errors In Biomarker Studies

Suzanne C. Segerstrom, PhD

1684 / Systemic Inflammation Covaries With The Local Structural Connectome Within Suspected Interoceptive Pathways

Thomas E. Kraynak, MS

1804 / Distinct Brain-Gut Microbiome Alterations In Female IBS Subjects: An Analysis Of Functional Brain Networks And Fecal Amino-Acid Metabolites

Vadim Osadchiy, BS

Paper Session: AFFECT, COGNITION, AND THE HEART

Chair: Richard D. Lane, MD, PhD

Room: International I

1627 / Prospective Validation Of A Biopsychosocial Model Explaining Persistent NCCP-Related Disability Guillaume Foldes-Busque, PsyD, PhD

1756 / Psychological Factors And Non-Cardiac Chest Pain Cases At Cardiac Emergency Department: Link With Type D Personality And Adverse Mental Health Status Erla Svansdottir, PhD

1625 / Emotion Expression In Response To Myocardial Ischemia And Cardiac Symptoms: Analysis Of Digitized Video Recordings Of The Face During Cardiac Stress Testing Willem J. Kop, PhD

1352 / How To Assess A Type D Personality Effect Paul Lodder, MSc

Paper Session: CAREGIVING, BEREAVEMENT, AND INFLAMMATION

Chair: Mary-Frances O'Connor, PhD

Room: Pacific I, II

1419 / Loneliness Of Cancer Caregiving Gets Under The Skin Through Increased Expression Of Proinflammatory Genes Youngmee Kim, PhD

1184 / Effects of Psychosocial Interventions and Caregiving Stress on Cardiovascular Biomarkers in Family Dementia Caregivers: The UCSD Pleasant Events Project (PEP) Randomized Controlled Trial Roland von Känel, MD

1713 / Sleep Patterns, Inflammation, Grief Coping, And Sex Differences Throughout The First Year Of Bereavement **E-Lim L. Wu, BS**

1665 / Spousal Bereavement After Dementia Caregiving: A Turning Point For Immune Health Stephanie J. Wilson, PhD

Paper Session: CURRENT DIRECTIONS IN HIV RESEARCH

Chair: Gail Ironson, MD, PhD

Room: Atlantic I, II

1456 / Increasing Uptake Of Voluntary Medical Male Circumcision In Zambia: Preliminary Regional Uptake Deborah L. Jones, PhD

1471 / Effect Of Cumulative Burden Of Mental Health Factors On Engagement In HIV Care In Argentina Deborah L. Jones, PhD

1106 / Aging With HIV: Inflammation Is Associated With Pain, Poorer Physical Function, And Frailty **Heather Derry, PhD**

1565 / Attitudes Towards Treatment, Racial Disparities, And Survival In HIV Over 17 Years

Gail Ironson, MD, PhD

MD Special Session: Clinical Grand Rounds

Chair: Bruce Rollman, MD Speaker: Hochang Ben Lee, MD

Room: Gallerie II, III

DIV Paper Session: SOCIOECONOMIC STATUS

AND HEALTH

Chair: Aric A. Prather, PhD

Room: Gallerie I

1331 / Subjective Social Status And Differences In Affective Responses To Academic And Interpersonal Stress In Adolescence

Danny Rahal, MA

1167 / Is The Association Between Purpose In Life And Mortality Modified By Key Social Structural Factors? **Koichiro Shiba, MPH**

1819 / Less of the Good Life: Do Variations in Positive Life Experiences Contribute to Socioeconomic Disparities in Health? **Tara Gruenewald, PhD**

1345 / The Relationship Between Reciprocal Social Support And Metabolic And Inflammatory Outcomes Depends On Socioeconomic Context Makeda Austin, MS 11:45am – 12:45pm Concurrent Sessions

Generations:

Symposium 1552 / BIOPSYCHOSOCIAL PROGRESS IN MATERNAL CHILD HEALTH: STRESS, ANXIETY, BIRTH AND CHILD OUTCOMES

Chair: Christine Dunkel Schetter, PhD

Room: International III

1553 / Findings from the Stress and Reproduction (STAR) Lab: From Past to Present Marci Lobel, PhD

1717 / Stress Processes in Maternal Child Health: Insights from the Community Child Health Network Study

Christine Guardino, PhD

1723 / Biopsychosocial Mediators And Moderators In The Association Between Pregnancy Anxiety And Length Of Gestation In Latina And NHW Women Isabel F. Ramos, MA

Symposium 1349 / NOVEL DEVELOPMENTS IN PAIN-RELATED FEAR, AVOIDANCE, AND MEMORY BIASES AND THEIR ROLE IN CHRONIC PAIN DISABILITY

Chair: Ann Meulders, PhD Room: International II

1447 / To Avoid or Not to Avoid: Safety Behaviors and Avoidance Maintain Threat Beliefs and Pain-related Fear **Ann Meulders, PhD**

1449 / The Exploration-Exploitation Dilemma In Pain $\bf Angelos\ Krypotos,\ PhD$

1448 / A Cognitive Underpinning of Pain Avoidance: Memory for Pain Melanie Noel, PhD

Symposium 1667 / NEW INSIGHTS INTO THE ROLE OF PERSONALITY PROCESSES FOR SLEEP

Co-Chairs: Katherine A. Duggan, PhD, Zlatan Krizan, PhD Room: Pacific I, II

1670 / The Dynamics Between Personality States And Sleep Garrett Hisler, PhD

1672 / Beyond The Mean: Personality, Social Jetlag, And Night-To-Night Variability In Sleep **Danica Slavish, PhD**

1675 / Associations Between Personality Traits And Sleep In The Baltimore Longitudinal Study Of Aging Darlynn M. Rojo-Wissar, MPH

Download the APS Meeting APP from your APP store:

- 1. search for and download the app: **Eventsential**
- 2. once in the Evensential app, search: American Psychosomatic Society

Paper Session: DEPRESSIVE SYMPTOMS AND

CARDIOMETABOLIC RISK Chair: Rebecca C. Thurston, PhD

Room: International I

1451 / Synergistic Associations Of Depressive Symptoms And Executive Functions With Longitudinal Trajectories Of Diabetes Biomarkers Among Urban Dwelling Adults Without Diabetes

Tasneem Khambaty, PhD

1691 / Depressive Symptoms are Associated with Cardiac Function Among Hispanics: Results from the Prevencion Study **Diana A. Chirinos, PhD**

1494 / Cardiometabolic Risk Associated with Lifetime PTSD and Depression in the Health of Vietnam Era Women's Study (Healthviews)

Brian N. Smith, PhD

1492 / Depressive Symptoms Mediate the Relationship Between Dispositional Mindfulness and Diet Quality Among Healthy Midlife Adults Shannon D. Donofry, PhD

Paper Session: IMPACT OF INTERPERSONAL CHALLENGES ON PHYSIOLOGY AND HEALTH

Chair: Timothy W. Smith, PhD Room: International IV, V

1614 / The Role Of Childhood Maltreatment And Regulatory Processes On Inflammation During Spousal Bereavement Michelle A. Chen, BA

1398 / Intimate Partner Violence And Lower Relationship Quality Predict Faster Biological Aging

Kyle J. Bourassa, PhD

1115 / Naturalistically Observed Interpersonal Problems And Health Outcomes In A Racially Diverse Sample Of Emerging Adults With Type 1 Diabetes

Jacqueline Rodriguez-Stanley, BS

1519 / Intergenerational Transmission Of Orientation To Bodily Signals: The Transgenerational Implications Of Trauma Within The Mother-Daughter Dyad

Noga Tsur, PhD

MD, DIV Paper Session: PATIENT-PROVIDER EFFECTS

Chair: Jeff Huffman, MD Room: Gallerie II, III

1678 / Beliefs About Patient's Emotions Attenuate The Diagnosis Of Coronary Artery Disease

Matthew J. Zawadzki, PhD

1780 / Differing Perceptions of Healthcare Services Between Medical Providers and Transgender Women in Miami-Dade County, Florida

Andrew J. Wawrzyniak, PhD

1586 / Influence of Patient Immigrant Status on Provider Diabetes Treatment Decisions: A Virtual Patient Experimental Study **Loretta Hsueh, MA** 1401 / Does Health Anxiety Identify Primary Care Patients With A High Likelihood Of Experiencing Health Consequences Of Childhood Adversity? A Proof Of Concept

Robert G. Maunder, MD

DIV Paper Session: ECONOMICS AND HEALTH

Chair: Nataria Joseph, PhD

Room: Atlantic I, II

1174 / Prevalence of Unmet Basic Needs and Association with Diabetes Control and Care Utilization Among Insured Persons with Diabetes

Stephanie L. Fitzpatrick, PhD

1653 / Financial Strain Moderates The Relationship Between Ema-Assessed Positive And Negative Emotions And II-6 In Healthy Midlife Women

Megan M. Fritz, PhD

1624 / How Cost Effective are Therapist Delivered and Web-Delivered Versions of Cognitive Behavioural Therapy When Compared to Treatment-As-Usual for Irritable Bowel Syndrome? Rona Moss-Morris, PhD

1241 / Race, Socioeconomic Status, And Inflammation Across

The Lifespan: A Mega-Analysis

Phoebe H. Lam, MS

MC, DIV Panel Session: From Ideas to Initiatives: Sustaining the APS Commitment to Culturally Inclusive Biobehavioral Research

Speakers: Danielle L. Beatty Moody, PhD, LaBarron Hill, PhD,

Liz Brondolo, PhD, Wizdom Powell, PhD, MPH

Room: Gallerie I

12:45pm - 1:45pm

Special Sessions or Lunch on your own

APS Committee Meeting: Professional Education Room: Mediterranean I

APS Committee Meeting:

Membership

Room: Mediterranean II

Psychosomatic Medicine Editorial Board Luncheon

(invitation only)
Room: Board Room

Speed Networking Room: The Loft

Appointments with Drs. Robert Kaplan, Karen Matthews, Elizabeth Brondolo and Christopher Fagundes were offered via email prior to the meeting – check with the APS Registration Desk for current availability.

1:45pm - 2:45pm Plenary

DIV LGBTQ+ Health: State-of-the-Science and Emerging

Opportunities

Chair: Robert-Paul Juster, PhD Speakers: David Huebner, PhD, MPH

Susan Cochran, PhD, MS, Mark Hatzenbuehler, PhD

Room: International III, IV, V

2:45pm - 3:00pm Break

3:00pm - 4:00pm Plenary

MD, DIV Evaluating New Treatments: Can They Work?

Do They Work? Are They Worth It? Introduction: Mustafa al'Absi, PhD Speaker: Robert M. Kaplan, PhD Room: International III, IV, V

4:15pm – 5:30pm Concurrent Sessions

Generations:

Symposium 1268 / HINDSIGHT AND FORESIGHT IN 2020: 4 GENERATIONS OF APS RESEARCHERS EXAMINING STRESS FACTORS, BIOBEHAVIORAL PROCESSES AND CANCER

Chair: Michael H. Antoni, PhD Room: International I

1402 / PNI in the Tropics: Using Stress Management Interventions to Probe Links Among Stress, Biobehavioral

Processes and Disease Michael H. Antoni, PhD

1404 / From Palm Trees to the Heartland: Expanding

Biobehavioral Themes and Overtones

Susan Lutgendorf, PhD

1405 / From Gynecologic to Hematologic Cancers and Hawkeyes to Badgers: A Clinical Scientist's Journey Applying the Family Bioebehavioral Legacy to Improve Recovery After Stem Cell Transplantation

Erin Costanzo, PhD

1406 / Midwest to Miami and Back Again: A Journey Along the Translational Pathway Toward Implementation

Lisa Gudenkauf, PhD

DIV Symposium 1629 / DIMENSIONS OF DISCRIMINATION AND HEALTH: EXAMINING EFFECTS ACROSS AGE AND SOCIAL CONTEXT

Chair: Elizabeth Brondolo, PhD

Room: International II

1647 / Exposure to Personal and Vicarious Racism-Related Traumas and Poor Sleep in African-American Women

Tené T. Lewis, PhD

1669 / Discrimination and Sleep Impairment Among American Indians and Alaska Natives

Chad Danyluck, PhD

1704 / Historical Trauma and Allostatic Load in American Indians and Alaska Natives

Irene V. Blair, PhD

1751 / Multiple Dimensions of Individual-Level Discrimination and Amygdala Volume Among Urban-Dwelling African

Americans

Danielle L. Beatty Moody, PhD

Symposium 1334 / OBSERVING NEGATIVE EMOTIONS THROUGH THE LENS OF HEART RATE VARIABILITY

Chair: Cristina Ottaviani. PhD

Discussant: Hugo Critchley MBChB, DPhil, FRCPsych

Room: Pacific I, II

1348 / Autonomic Correlates Of Social Stress Transmission

In Rodents

Luca Carnevali, PhD

1358 / The Compassionate Vagus: A Meta-Analysis On The Connection Between Compassion And Vagally-Mediated Heart Rate Variability

Nicola Petrocchi, PhD, PsvD

1513 / Resting Heart Rate Variability Moderates the Association between Racial Identification and Social Dominance Orientation in European Americans

DeWayne P. Williams, PhD

1621 / Altered HRV In Clinical Disorders and Links to Affective

Style

Sarah N. Garfinkel, PhD

Paper Session: PRENATAL STRESS AND BIOMARKERS

Chair: Marci Lobel, PhD Room: Gallerie II, III

1472 / Prenatal Maternal Distress And Inflammatory Marker Trajectories From Mid-Pregnancy To A Year After Birth

Kharah M. Ross, PhD

1484 / Maternal Prenatal Hypothalamic-Pituitary-Adrenal Axis Function Predicts Unique Postpartum Depressive Symptom Profiles

Jessica L. Irwin, PhD

1783 / Perinatal Depressive And Anxiety Disorders And Prenatal And Postpartum Cytokine Changes

Roberta A. Mancuso, PhD

1417 / Prenatal Traumatic Stress And Offspring Hair Cortisol Concentration: A Nine Year Follow Up To The Red River Flood Pregnancy Study

Anna M. Strahm, MS

1618 / Stress Management Intervention Effects On Birth Outcomes: The Role Of Prenatal Maternal Biomarkers

Guido Urizar, PhD

Paper Session: DEPRESSIVE SYMPTOMS AND

INFLAMMATION Chair: Peter Shapiro, MD Room: Atlantic I, III

1581 / Age, Depressive Symptoms, And Antibody Production

Following Influenza Vaccination

Sarah M. Lyle, MS

1272 / Peripheral Inflammatory Signaling Is Associated With Distinct Reward-Related Brain Function In Individuals With VS. Without A Depression History

Iris Ka-Yi Chat, MA

1801 / Parental Depressive Symptoms And Child Antibody Response To Influenza Vaccination

Aishat Sadiq, BA

1300 / Depressive Symptoms, Daily Positive Events, And Inflammation: Tests Of Buffering Versus Blunting Hypotheses **Jin H. Wen, BA**

1171 / Is Wellbeing Related To Inflammation Independently Of Depression? Longitudinal Analyses Of The Relationship Between Changes In Hedonia, Eudemonia And Changes In Different Inflammatory Markers Over Time

Daisy Fancourt, PhD

Paper Session: MODERATORS OF ACUTE STRESS RESPONSES IN THE LAB

Chair: Kristen Salomon, PhD

Room: Gallerie I

1784 / Frontostriatal Brain Activation During Mental Stress

Predicts Progression Of Cardiometabolic Risk

Ben Allen, PhD

1380 / Self-Control During And After Couples' Discussions: Does High-Frequency Heart Rate Variability Index Self-Regulatory Capacity In A Dyadic Context?

Theodore Robles, PhD

1152 / The Relationship Between Perseverance And Cardiovascular Reactivity To Acute Psychological Stress Anna C. Whittaker, PhD

1489 / Do Trait Indicators of Well-Being Associate with Physiological Reactivity and Recovery to Acute Laboratory Stressors in Healthy Adults? A Systematic Review and Meta-Analysis

Caitlin M. Dupont, MS

1344 / A Test Of The Independent And Interatcive Effects Of Acceptance Manipulations On Cardiovascular Responses To Acute Stress

Andrew W. Manigault, MS

5:45pm – 6:45pm Special Events and Meetings

MD Perfect Pairings: Book Reading and California Wines

featuring Richard Lane, MD, PhD Chair: Karen L. Weihs, MD Room: Gallerie II. III

Dr. Lane will read excerpts from his book, Neuroscience of

Enduring Change: Implications for Psychotherapy

MC Mid Career Happy Hour 1: Being a Mid at Different Points in the Career Spectrum

Panel: Tara Gruenwald, PhD, MPH, and Anna Marsland, PhD, RN Moderators: Matthew Zawadski, PhD, and Peggy Zoccola, PhD

Room: Gallerie I

This will be an open discussion about the general experiences of being a 'mid' including what is 'mid-career'.

See full description of Happy Hours below.

APS SIG: LGBTQ+ Health Reception

Room: Mediterranean I, II

APS SIG Meeting: Emerging Leaders

Room: Board Room

6:45pm – 8:00pm Poster Session 1

Posters #35-125 will be presented.

Promenade and Foyer

Poster presenters should put up their posters between 2:45pm and 5:45pm and remove posters no later than 9:30pm or they will be taken down and stored. The integrity of posters left up after 9:30pm cannot be guaranteed.

8:00pm – 9:00pm MC Mentor/Mentee Reception Room: Catalina

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

New for 2020: Mid - Career Happy Hours!

As part of the effort to grow and nurture a diverse membership balanced by disciplines and career stages, APS is providing a moderated discussion forum for attendees whose career stages span from tenure (or the equivalent) to pre-retirement. To address the experiences of this broad group we are hosting a series of casual "Mid-Career Happy Hours" that will each feature a panel sharing brief remarks to start the discussion, followed by moderators and attendees sharing their experiences with one another, which will be summarized at the end of the event. Career Spectrum (Thursday), Bandwidth (Friday), Staying Relevant (Saturday). Cash bar for beer and wine or use the complimentary drink ticket in your registration material.

7:00am – 6:30pm Annual Meeting Registration

International Ballroom Foyer

7:00am – 8:00am Continental Breakfast

Promenade and Foyer

APS SIG Meeting: Affect Science

in Medicine

Room: Mediterranean I

Awards Committee Meeting

Room: Mediterranean II

APS SIG Meeting: Diversity

Initiative

Room: Board Room

8:15am – 9:15am Plenary

MD, DIV Minority Health and Health Disparities Science in Psychosomatic Medicine

Introduction: Susan Everson-Rose, PhD, MPH

Speaker: Eliseo J. Pérez-Stable, MD

Room: International III, IV, V

9:30am - 10:30am Plenary

2020 APS Distinguished Scientist Award Lecture: Looking Back, Looking Forward: A Lifespan Approach To Cardiovascular Disease

Introduction: Susan Everson-Rose, PhD, MPH

Speaker: *Karen Matthews, PhD Room: International III, IV, V*

10:30am - 10:45am Break

10:45am - 12:00pm Concurrent Sessions

Symposium 1124 / STRESS, HEALTH, AND SALIVARY MARKERS OF INFLAMMATION: AN UPDATE AND OPPORTUNITIES FOR FUTURE RESEARCH

Chair: Yvette Z. Szabo, PhD, Danica Slavish, PhD

Discussant: Christopher Engeland, PhD

Room: International II

1128 / The Effect Of Acute Stress On Salivary Markers Of Inflammation: A Systematic Review And Meta-Analysis

Danica C. Slavish, PhD

 $1129\ /\ Examining$ The Psychological Correlates Of Changes In A Salivary Marker Of Inflammation: Increases In Negative Affect Predict Increases In Salivary Interleukin-1 β

Grant S. Shields, PhD

1130 / Covariation in Salivary Cortisol and IL-6: Between- and Within-Person Associations

Rebecca G. Reed, PhD

1127 / Stress, Non-Invasive Measures of Inflammation, and

Health - From the Laboratory to the Field

Nicolas Rohleder, PhD

MD, DIV Symposium 1206 / IMPROVING HEALTH EQUITY WITH MOBILE TECHNOLOGY

Chair: John F. Hunter, PhD Discussant: Carissa, Low, PhD

Room: International I

1369 / Use of Digital Mental Health for Marginalized and

Underserved Populations **John Hunter, PhD**

1367 / Mood Text: Automated Texting As An Adjunct To

CBT For Depression Among Latinos

Adrian Aguilera, PhD

1368 / Evaluating A Novel Technology-Based Tool For Assessing Central Sensitization In Adults With Chronic

Pancreatitis

Charles R. Jonassaint, PhD

1371 / Brief Culturally Informed Smartphone Intervention Decreases Breast Cancer Symptom Burden among Latina

Breast Cancer Survivors
Betina Yanez, PhD

Symposium 1375 / ASTHMA: CENTRAL NERVOUS SYSTEM, COGNITIVE, AND EMOTIONAL SEQUELAE AND THEIR IMPLICATIONS FOR DISEASE MANAGEMENT

Co-Chairs: Jonathan Feldman, PhD, Thomas Ritz, PhD

Discussant: Paul Lehrer, PhD

Room: Gallerie I

1424 / Compromised White Matter Microstructure and

Cognitive Performance in Asthma Melissa A. Rosenkranz, PhD

1773 / Anxiety and Disgust Reactivity in Asthma: The Role of Hippocampal Volume and Hippocampal Metabolite Levels

Hannah Nordberg, BA

1420 / Cognitive Functioning And Self-Management Behaviors

Among Older Adults With Asthma

Jacqueline H. Becker, PhD

1391 / Asthma Symptom Perception, Depressive Symptoms, and Self-Management Behaviors Among Older Adults with Asthma

Jonathan Feldman, PhD

MD Panel Session: Stress in Clinical Care

Chair: Lawson R. Wulsin, MD

Panel: Ken Freedland, PhD, Ian Kronish, MD, MPH,

Jeff Huffman, MD, Elizabeth Brondolo, PhD

Room: Catalina

MD Paper Session: CLINICAL CARDIOLOGY

Chair: Matthew F. Muldoon, MD

Room: Atlantic I, II

1677 / The Predictive Value Of Emergency Department Crowdedness For PTSD In Acute Coronary Syndrome: A Machine Learning Approach Using Quantile Random Forests

Katharina Schultebraucks, PhD

1706 / Social Support, Physical Activity And Type A Predict Survival 15 - 25 Years After First Coronary Event In Women With Coronary Artery Disease - Results From The Stockholm Female Coronary Risk Study

Hans-Christian Deter, MD

1734 / Association Of Psychological Factors With Non-Cardiac Chest Pain Presentations To The Cardiac Emergency Department And Emergency Centre In Iceland: Implications For Primary Health Care Utilization

Erla Svansdottir, PhD

1720 / Investigation Of C-Reactive Protein Cut-Off Levels Predictive Of Cognitive Decrements In Patients With Stage B Heart Failure

Laura S. Redwine, PhD

1384 / Adoption And Effectiveness Of An Ehealth Intervention For Hypertension In Older Adults: A Pilot Clinical Trial **Matthew F. Muldoon, MD**

12:00pm - 1:15pm

Poster Session 2
Posters #126-213 will be presented.
Promenade and Foyer

Attendees are invited to enjoy a lite lunch while viewing the posters during this session.

Poster presenters should put up their posters between 7:00am and 10:45am and remove posters no later than 1:30pm or they will be taken down and stored. The integrity of posters left up after 1:30pm cannot be guaranteed.

1:30pm - 2:30pm

Concurrent Sessions

DIV Symposium 1655 / SUPERWOMAN SCHEMA: UNDERSTANDING STRESS AND HEALTH IN AFRICAN AMERICAN WOMEN

Chair: Tené T. Lewis, PhD

Discussant: Tammie Denyse, M.Div, MA

Room: International IV, V

1661 / No Complaining, No Crying: The Strong Black Woman Schema In The Breast Cancer Context

Tammie Denyse, M.Div, MA

1693 / Superwoman Schema and Poor Sleep in African American Women

Tené T. Lewis, PhD

1698 / Superwoman Schema, Stress, and Health Disparities Experienced by African American Women

Cheryl Woods-Giscombe, PhD, RN, PMHNP, FAAN

Symposium 1059 / NEUROSCIENCE IN PSYCHOSOMATIC MEDICINE: LINKING BRAIN AND BODY TO UNDERSTAND HEALTH

Chair: Keely A. Muscatell, PhD Discussant: Anna Marsland, PhD

Room: International II

1479 / Wired For Stress: Structural Connectome Correlates Of

Stressor-Evoked Cardiovascular Reactivity

Thomas E. Kraynak, MS

1637 / Associations Between Low-Grade Inflammation and Neural Reactivity to Affective Information

Keely A. Muscatell, PhD

1319 / Socioeconomic Status, Dorsolateral Prefrontal Cortical Volume, And Insulin Resistance During Early Adolescence **Jessica J. Chiang, PhD**

Symposium 1427 / #METOO, SEXUAL TRAUMA, AND WOMEN'S CARDIOVASCULAR HEALTH ACROSS THE LIFESPAN

Chair: Rebecca C. Thurston. PhD

Room: Catalina

1682 / Sexual Assault and Carotid Plaque Over Midlife in Women

Rebecca C. Thurston, PhD

1683 / Forced or Coerced Sexual Initiation is Associated With Elevated Blood Pressure Among Older Community-Dwelling Women

Carolyn J. Gibson, PhD, MPH

1478 / Dating Violence Before Age 18 is Associated With Poor Subjective Sleep Among College-Aged Women

Karen P. Jakubowski, PhD

Paper Session: EARLY LIFE EXPERIENCES AND BIOBEHAVIORAL IMPRINTING

Chair: Laura Glynn, PhD Room: International I

1545 / Prospective Associations Between Lipid Profiles At Birth And Mental Health At School Entry

Erika Manczak, PhD

1724 / The Relationship Between Coping Styles And Prenatal Salivary Alpha-Amylase Among Low-Income Mothers Janet Tran, Pre-BA

1327 / How Early Life And Recent Life Stress Exposure Shapes Cortisol Reactivity And Decision Making In Midlife-To-Older Adulthood

Sara D. McMullin, MS

1455 / Intranasal Oxytocin Enhances Stress-Protective Effects Of Social Support In Women With Negative Childhood Experiences During A Virtual Trier Social Stress Test Madelon Riem, PhD Paper Session: AFFECTIVE MODULATION OF PATHWAYS

AND OUTCOMES

Chair: Peter Gianaros, PhD Room: Atlantic I, II

1314 / Dispositional Empathy And Autonomic Reactivity During

A Comfort Interaction Alaina G. Tiani, MS

1790 / Cross-Cultural Differences In Emotional Inhibition Among Preschool-Aged Children

Elizabeth Ochoa Sierra, BA

1789 / Adult Attachment Anxiety Moderates The Association Between Race And Carotid Intima-Media Thickness Among Sexual Minority Men

Stephanie H. Cook, DrPH

1482 / Sleep And Fear Extinction Recall In PTSD Improves With Morning Blue Light Exposure Therapy

John R. Vanuk, MA

Paper Session: THINKING OUTSIDE THE PSYCHOSOMATIC MEDICINE BOX

Chair: Julian F. Thayer, PhD Room: International III

1290 / A Social Analgesic? Acetaminophen Increases

Aggressive Behavior

Dominik Mischkowski, PhD

1809 / Beetroot Juice Attenuates Blood Pressure Elevations: A Review Of Findings And A Proof-Of-Concept Trial Of Blood

Pressure In Sustained Acute Stress **Thomas Ritz, PhD**

1400 / Are People With Greater

1400 / Are People With Greater Cardiovascular Reactivity Smarter, Happier, And Healthier? Counterintuitive Findings In The Dunedin And Midus Studies

Kyle J. Bourassa, PhD

1757 / Strategies To Support Minority Women In Health Sciences: Results From Two Roundtables Between The APA Society For Health Psychology (Division 38) Diversity Council With APS And APA Members

Patricia I. Moreno, PhD

Paper Session: GENETIC SUSCEPTIBILITY, DEPRESSIVE SYMPTOMS, AND PHYSIOLOGICAL PATHWAYS

Chair: Andrew Steptoe, DSc

Room: Gallerie I

1265 / Genetic Susceptibility, Inflammation And Specific Types Of Depressive Symptoms: Evidence From The English

Longitudinal Study Of Ageing

Philipp Frank, MSc

1339 / Gene Signatures Related To Insulin Signaling And Tyrosine Metabolism Define A Sub-Type Of Depression With Anhedonia And High CRP

Mandakh Bekhbat, PhD

1524 / Adverse Childhood Experiences And Polygenic Risk: Gene-Environment Interplay In Longitudinal Trajectories Of Depressive Symptoms

Eleonora lob, MSc

1250 / Chronic Life Stress Predicts Depressive Outcomes In The First Year Of Invasive Breast Cancer: Moderation By The Serotonin-Transporter Polymorphism

Jacqueline H. Kim, PhD

Paper Session: LIFECOURSE TRANSITIONS AND

BIOMARKERS

Chair: Anna Whittaker, PhD Room: Gallerie II, III

1764 / Lifetime Trauma Exposure And Hormonal Sensitivity In

The Menopause Transition Ashley A. Balsom, BSc

1685 / The Relationship Between Vasomotor Symptoms And The Cortisol Awakening Response During The Menopause Transition

Tianna Sauer, BSc

1330 / The Testosterone-To-Estradiol Ratio And Depressive Symptoms During The Menopause Transition

Bethany Sander, current BSc honours student

1140 / Sexual Satisfaction, Relationship Satisfaction, And The Role Of Testosterone Across The Transition To Parenthood **Hannah Khoddam, MSc**

2:30pm – 2:45pm Break

2:45pm – 4:00pm Concurrent Sessions

Generations

Symposium 1498 / HEALTH PROTECTIVE FACTORS IN THE CONTEXT OF GROWING INEQUALITIES: CAROL RYFF "GENERATIONS" SYMPOSIUM

Chair: Jennifer Boylan, PhD Room: International III

1573 / Generational Reflections the Interplay of Well-Being,

Inequality, and Health Carol D. Ryff, PhD

1535 / The Two Continua Model Of Health And Illness Corey M. Keyes, PhD



1574 / Childhood Socioeconomic Status and Depression and Cardiovascular Health in Black and White Americans **Jennifer M. Boylan, PhD**

1548 / The 2008 Great Recession, Health Inequity, and Hedonic versus Eudaimonic Well-being as Moderators of Vulnerability

Julie A. Kirsch, MA

Symposium 1095 / WHEN DO PSYCHOLOGICAL RESOURCES MITIGATE SOCIAL DISPARITIES IN HEALTH, AND FOR WHOM?

Chair: Lewina O. Lee, PhD Discussant: Laura Kubzansky, PhD

Room: International II

1569 / Optimism and Mortality Among African Americans: The Jackson Heart Study Harold H. Lee, PhD

1474 / Optimism, Ikigai, And Lifespan Among Japanese Older Adults

Sakurako S. Okuzono, MPH

1247 / Psychological Resilience From Early Adversity Predicting Cardiometabolic Disease Outcomes In Adulthood In The MIDUS Study

Kristen M. Nishimi, MPH

1815 / Childhood Emotional Abuse And Adulthood Cardiovascular Acute Stress Response: Do Psychological Resources Make A Difference?

Lewina O. Lee, PhD

MD, DIV Symposium 1740 / GENDERED ADRENALS AND GUTS?: SEX & GENDER-ROLES IN RELATION TO CORTISOL REACTIVTY AND MICROBIOME HEALTH Co-Chairs: Robert-Paul Juster, PhD, Peggy Zoccola, PhD

Room: Gallerie I

1747 / Masculinity, Femininity And Repeated Stressors: Are Gender Roles Associated With Cortisol Habituation?

Andrew W. Manigault, MS

1755 / Gender-Roles Modulate Cortisol Stress Reactivity Robert-Paul Juster, PhD

1827 / Gender Differences In The Link Between Depressive Symptoms And Ex Vivo Inflammatory Responses Are Associated With Markers Of Endotoxemia

Erik L. Knight, PhD

1833 / Stress And The 'Micro-Sexome': Allostatic Load And Sex/Gender Considerations Robert-Paul Juster, PhD

DIV Symposium 1364 / CULTURALLY-CENTERED APPROACHES TO ADDRESSING HEALTH INEQUITIES IN AMERICAN INDIAN/ ALASKAN NATIVES

Chair: Wendy M. Troxel, PhD

Room: Catalina

1365 / Integration of Drumming in Substance Use Treatment Intervention for American Indians/Alaska Natives **Daniel Dickerson, DO**

1372 / Achieving Health Equity Through Development and Delivery of a Culturally Centered Program Carrie Johnson, PhD

1373 / Psychosocial and Cultural Influences on Sleep Health in Urban American Indian/ Alaskan Native Adolescents: Preliminary Results from the NAYSHAW Study

Wendy M. Troxel, PhD

1389 / Statewide Collaborative Partnerships Among American Indian and Alaska Native (Al/AN) Communities in California to Target the Opioid Epidemic Claradina Soto, PhD

DIV Paper Session: SOCIAL EXPOSURE AND HEALTH VULNERABILITIES

Chair: Shakira F. Suglia, ScD Room: Gallerie II, III

1546 / When It Rains, It Pours--And Sex Matters: Differences In Patterns Of Cumulative Life Adversity And Health In A US Nationally Representative Sample Yasmin Barrientos Kofman, MA

1202 / Community Violence Exposure And Cortisol Awakening Responses In Overweight/Obese Adolescents Jacob Wexler, High School Student

1649 / Exposure To Police Killings In One's Community And Cortisol Levels Among Urban Black Male Youth Baldwin Way, PhD

1769 / High Stressor Exposure And Low Stressor Diversity Linked To Higher Blood Pressure: Findings Across Age And SES

Rachel E. Koffer, PhD

1709 / American Indian Young Adults Display Diminished Cardiovascular And Cortisol Responses To Acute Psychological Stress

Cory J. Counts, BS



Symposium 1036 / BIOBEHAVIORAL INFLUENCES ON **EPIGENETIC AGING**

Chair: Kelly E. Rentscher, PhD Discussant: Judith Carroll, PhD

Room: Atlantic I, II

1465 / Links Between Perceived Stress And Epigenetic Aging In The Context Of Midlife Parents' Relationship Quality

Kelly E. Rentscher, PhD

1048 / Epigenetic Age Acceleration Following Marital Separation and Divorce: A Critical Role for Daily Social Behaviors?

David A. Sbarra, PhD

1183 / Synergistic Effects of Klotho and Traumatic Stress on Accelerated Cellular Aging

Erika J. Wolf, PhD

1504 / Healthy Sleep Quality Protects From Accelerated Phenotypic Epigenetic Aging in Breast Cancer Survivors Judith E. Carroll, PhD

Paper Session: ADVANCES IN HEART RATE VARIABILITY

Chair: J. Richard Jennings, PhD

Room: International I

1728 / Long-Term Non-Invasive Vagus Nerve Stimulation And Cognitive Changes: Preliminary Results From A Randomized

Placebo Waitlist Controlled Trial Vera K. Jandackova, PhD

1185 / Heart Rate Variability Biofeedback Promotes General Resilience

Paul Lehrer, PhD

1377 / Heart Rate Variability Moderates The Relationship Between Trait Anxiety And Biased Attention To Threat Aaron E. Miller, MBA

1749 / Resting High Frequency Heart Rate Variability In Veterans With Ptsd: Effects Of Respiration, Role In Elevated Heart Rate, And Extension To Spouses

Timothy W. Smith, PhD

1798 / Properties Of Three Common Time Domain Indices Of Heart Rate Variability: Effects Of Detrending

Julian F. Thayer, PhD

Paper Session: SLEEP EPIDEMIOLOGY AND **MODERATION OF HEALTH PATHWAYS**

Chair: Daniel Taylor, PhD Room: International IV, V

1702 / Individual Differences In Habitual Short Sleep Duration: Examination Of Self-Rated Health Versus Objective

Cardiovascular Disease Risk In NHANES

Paula G. Williams, PhD

1173 / Relationships Between Adverse Childhood Experiences And Sleep Health In Young Adults: Does Vigilance For Threat Plav A Role?

Karen P. Jakubowski, PhD

1697 / Adult Attachment Predicts Daily Sleep Variation In Colorectal Cancer Patients

Amanda Ting, MS

1248 / Sleep Quality Mediates And Tobacco Addiction Moderates The Relationship Between Early Life Adversities And Depression

Arwa Ben Salah, MD

1631 / Associations Of Insomnia Symptoms And Markers Of Monocyte Activation, Systemic Inflammation, And Coagulation In HIV: Data From The Veterans Aging Cohort Study

Brittanny M. Polanka, MS

4:15pm - 5:30pm

Concurrent Sessions

Generations:

Symposium 1221 / PSYCHOSOCIAL FACTORS, BIOLOGY AND HEALTH OUTCOMES

Chair: Andrew Steptoe, DSc Room: International IV, V

1225 / Low Socioeconomic Status and the Acceleration of Aging

Andrew Steptoe, DSc

1236 / Social Engagement, Loneliness and Neuro-Immune Markers Amongst Individuals with and Without Depression: Longitudinal Analyses of Time-Varying Associations in Older Age

Daisy Fancourt, PhD

1224 / Assessing Cognitive Visualisation Of Social Support: Implications For Stress And Health

Julie Turner-Cobb, PhD

1235 / Adverse Childhood Experiences And Polygenic Risk: Gene-Environment Interplay In Longitudinal Trajectories Of C-Reactive Protein

Eleonora lob, MSc

MD Symposium 1090 / PROVIDING QUALITY PAIN CARE TO UNITED STATES MILITARY VETERANS: REACHING THE MARGINALIZED AND UNDER-SERVED

Chair: Katie Hadlandsmyth, PhD

Room: Gallerie I

1229 / Pain Self-Management for Women Veterans with Chronic Pain: The Project CONNECT Pilot

Mary Driscoll, PhD

1230 / Tailoring Behavioral Interventions For African American And Women Veterans With Pain

Diana J. Burgess, PhD

1231 / An Accessible Psychological Intervention to Promote Post-Surgical Pain Self-Management among Rural Veterans Katie Hadlandsmyth, PhD

1232 / Understanding Suicide Risks among LGBT Veterans in VA Care

Joseph L. Goulet, PhD

Symposium 1253 / INTEGRATING ANIMAL AND HUMAN EXPERIMENTAL MODELS OF ANXIETY AND DEPRESSION

Chair: Joshua H. Cho, MD, PhD

Room: Atlantic I, II

1258 / Divergent Inflammatory and Behavioral Manifestation of Chronic Adolescent Stress Effects in Males and Females Mandy Bekhbat, PhD

1257 / Microglia Are Necessary for Recall of Anxiety-Like Behavior

John F. Sheridan, PhD

1601 / Neural Circuitry Underlying Interoceptive Fear Across the Anxiety Disorders
Sahib Khalsa, MD, PhD

1256 / Human Experimental Model of Inflammation-Induced Depression and Anxiety **Joshua H. Cho, MD, PhD**

DIV Symposium 1806 / UNDERSTANDING DISCRIMINATION IN THE CONTEXT OF THE GENERALIZED UNSAFETY THEORY OF STRESS

Chair: Amanda M. Acevedo, PhD Discussant: Julian Thayer, PhD

Room: Gallerie II, III

1808 / Examining Cardiovascular Reactivity In Black Americans When Recalling Experiences Of Racial Discrimination Christopher K. Marshburn, PhD

1813 / Sex and Trait Rumination Moderate the Association between Resting Heart Rate Variability and Perceived Ethnic Discrimination

Josiah Sweeting, MA

1818 / Navigating an Unsafe World: Resting Heart Rate Variability and Perceived Ethnic Discrimination in African Americans

DeWayne P. Williams, PhD

1822 / Generalized Unsafety and Heart Rate Variability in a Sample of Latinos

Amanda M. Acevedo, PhD

Paper Session: STRESS AND BIOBEHAVIORAL PATHWAYS IN CANCER

Chair: Michael H. Antoni, PhD Room: International II

1668 / Relationship Satisfaction, Stress, And Inflammation In Breast Cancer Survivors

M. Rosie Shrout, PhD

1251 / Biobehavioral Predictors And Prevalence Of Early And Long-Term Fatigue Following Hematopoietic Stem Cell Transplantation

Erin S. Costanzo, PhD

1069 / A Dyadic Analysis Of Fear Of Recurrence And Daily Sleep Disturbance Among Recently Diagnosed Breast Cancer Patients And Their Intimate Partners

Emily C. Soriano, MA

1534 / Effects Of Brief Stress Management Interventions On Leukocyte Nuclear NFKB Expression During Primary Treatment For Breast Cancer

Chloe Taub, MA

1388 / Results Of A Pilot Randomized Controlled Trial A Couple-Based Meditation Intervention For Patients With Metastatic Lung Cancer And Their Partners **Kathrin Milbury, PhD**

MD Paper Session: LATE BREAKING CLINICAL TRIALS

Chair: *Ian Kronish, MD, MPH Room: International III*

1867 / Neural Correlates Of The Health Benefits Of Gratitude Laura I. Hazlett, BA

1897/ Effect Of A Stress Management Intervention On 24h-HRV - Results From The Man-Go Randomized Controlled Trial **Elisabeth M. Balint, MD**

1908 / Mindfulness-Based Cognitive Therapy In Pregnancy On Sleep Quality: Secondary Analysis From A Randomized Controlled Trial

Lianne M. Tomfohr-Madsen, PhD

1922 / Feasibility And Acceptability Of A Mindfulness-Based Intervention To Address PTSD In Trauma-Exposed, Homeless Women

Dana Rose Garfin, PhD

1907 / A Digital Approach to Workplace Mental Health: A Randomized Controlled Trial Examining The Effectiveness of A Smartphone-Based Personalised Intervention

Megan Chor Kwan Lam, MRes

Panel Session: Behavioral Medicine Editor's Panel

Chair: Christopher R. France, PhD

Panelists: Willem J. Kop, PhD, Psychosomatic Medicine; Kenneth E. Freedland, PhD, Journal of Health Psychology; Michael Hoyt, PhD, International Journal of Behavioral Medicine:

Alan J. Christensen, PhD, Journal of Behavioral Medicine; Tracey Revenson, PhD, Annals of Behavioral Medicine

Room: Catalina

Paper Session: SOCIAL CAPITAL AND BIOMARKER CORRELATES ACROSS THE LIFESPAN

Room: International I

1423 / Classes Of Social Capital, Race-Ethnicity, And Associations With CVD Risk And Distal Survival In The Women's Health Initiative: A Latent Class Analysis **Melissa A. Flores, PhD**

1558 / Daily Life Social Support Exchange Is Associated With Enhanced Glucocorticoid Receptor Sensitivity In Healthy

Middle-Aged Adults
Thomas W. Kamarck, PhD

1802 / Lonely Days: The Unique Role Of Day-To-Day Loneliness In Biomarkers Of Aging And Physical Function

Stephanie J. Wilson, PhD

1692 / Late-Life Psychosocial Exposures And The Human Brain Mitochondrial Proteome

Caroline Trumpff, PhD

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

MD Perfect Pairings: Book Reading and California Wines

featuring Susan Levenstein, MD Chair: Joel Dimsdale, MD Room: Gallerie II. III

Dr. Levenstein will read excerpts from her memoir Dottoressa:

An American Doctor in Rome.

MC Mid-Career Happy Hour 2: Bandwidth

Panel: Elisabeth Balint, MD and Jesse Stewart, PhD Moderators: Janet Tomiyama, PhD and Carissa Low, PhD The second Happy Hour will focus on the number of demands on mids and the experiences, including successes and challenges in dealing with 'bandwidth' issues. See full description of Happy Hours on page 6.

Room: Gallerie I

Young Investigator Colloquium / **Diversity and MD Scholars Reception**

(invitation only)

Room: Mediterranean I, II

6:45pm - 8:00pm

Poster Session 3 Posters #214-299 will be presented.

Promenade and Foyer

Poster presenters should put up their posters between 4:00pm and 6:00pm and remove posters no later than 8:30pm or they will be taken down and stored. The integrity of posters left up after 8:30pm cannot be guaranteed.

7:45pm

Past Leaders Dinner Offsite (invitation only) Meet in lobby at 7:30pm or pick up details at APS Registration Desk

SATURDAY, MARCH 14

7:00am - 6:00pm **Annual Meeting Registration**

International Ballroom Foyer

7:00am - 8:00am **Goat Yoga**

Pool

Pre-registration required. Check with APS Registration Desk for availability.

Continental Breakfast Promenade and Foyer

8:00am - 8:45am **APS Members Meeting**

Room: International III, IV, V

9:00am - 10:00am **Plenary**

DIV Epigenetic Clocks and Predictors Of Lifespan

In Humans

Introduction: Dave Sbarra, PhD Speaker: Steve Horvath, PhD, ScD Room: International III, IV, V

10:00am - 10:15am **Break**

10:15am - 11:15am **Plenary**

MD Paul D. McLean Award Lecture:

Development of Emotion Regulation Neurobiology and the Role of Early Experiences

Introduction: Hugo D. Critchley, DPhil, FRCPs

Speaker: Nim Tottenham, PhD Room: International III, IV, V

11:30am - 12:30pm **Plenary**

MC Herbert E. Weiner Early Career Award Lecture:

Matters of the Heart

Introduction: Janice Kiecolt-Glaser, PhD Speaker: Christopher Fagundes, PhD

Room: International III, IV, V

12:30pm - 1:45pm **Poster Session 4**

Posters #300-379 will be presented.

Promenade and Foyer

Attendees are invited to enjoy a lite lunch while viewing the posters

during this session.

Poster presenters should put up their posters between 7:00am and 11:30am and remove posters no later than 3:00pm or they will be taken down and stored. The integrity of posters left up after 3:00pm cannot be guaranteed.

2:00pm - 3:00pm

Concurrent Sessions

2:00pm - 3:30pm**

Paper Session: PSYCHOLOGICAL MODERATION OF

METABOLIC PATHWAYS Chair: Tasneem Khambaty, PhD

Room: International I

1817 / The Effects Of Positive Affect And Episodic Future Thinking On Temporal Discounting, And Healthy Food Demand And Choice Among Overweight And Obese Individuals: A Pilot 2x2 Factorial Randomized Controlled Study

Sara M. Levens, PhD

1570 / Coping Moderates The Associations Between Weight Stigma And Physical And Psychological Quality Of Life Alyssa K. Choi, BA

1659 / Assessing The Roles Of Executive Functioning And Anxiety-Associated Inflammation In Predicting BMI Olga M. Herren, PhD

1555 / Acute Glycemic Response To Different Strategies Of Breaking Up Sedentary Time

Meynard John L. Toledo, PhD

Symposium 1466 / DIABETES AND METABOLIC RISK: Systematic Review Of Findings, Longitudinal Changes Over 6 Years, And Relation To Neighborhood Environments From The Hispanic Community Health Study / Study Of Latinos (HCHS/SOL)

Co-Chairs: Carmen R. Isasi, MD, PhD, Maria Llabre, MD, PhD

Discussant: Jeffrey Gonzalez, PhD

Room: International II

1470 / Systematic Review of Diabetes Findings from the Hispanic Community Health Study / Study of Latinos (HCHS/SOL)

Gladys Crespo-Ramos, PhD

1527 / Longitudinal Change in Diabetes Status, Treatment, Glycemic Control and Cardiovascular Disease in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) Christina M. Cordero, PhD, MPH

1469 / Neighborhood Environments and 6-year change in Metabolic Risk among Hispanics/Latinos living in San Diego: The HCHS/SOL Community and Surrounding areas (SOL CASAS) Study

Kimberly L. Savin, BA

Symposium 1434 / AFFECT DYNAMICS AND HEALTH: How Changes in Affect Predict and Account for Behavioral, Physiological, and Physical Health Outcomes

Co-Chairs: Brooke N. Jenkins, PhD, Kate Leger, PhD

Discussant: Sarah Pressman, PhD

Room: Atlantic I, II

1438 / Bidirectional Relationships Between Sleep Duration And Affective Responsiveness To Daily Positive Events

Nancy L. Sin, PhD

1437 / Affect Reactivity To Daily Stressors Partially Mediates The Relationship Between Personality Traits And Future Physical Health Outcomes

Kate A. Leger, PhD

1436 / When Is Affect Variability Bad? Examining The Associations Between Affect Variability And Mental, Physiological, And Physical Health Outcomes

Brooke N. Jenkins, PhD

Paper Session: NEUROCOGNITIVE FUNCTIONING, INTEROCEPTION, AND FUNCTIONAL CORRELATES

Chair: Misty Hawkins, PhD

Room: Catalina

1712 / Neurocognitive Functioning In Patients With Functional Neurological Symptom Disorder

Willem J. Kop, PhD

1805 / Can You Feel The Beat? Neural and Behavioral Correlates of Interoception In Post-Menopausal Women Living With HIV

Roger McIntosh, PhD

1468 / Impact Of Interoceptive Training On Anxiety In Autistic Adults: The 'Aligning Dimensions Of Interoceptive Experience' (ADIE) Trial

Lisa Quadt, PhD

1644 / Mindfulness-Based College: A Stage 1 Randomized Controlled Trial For Emerging Adult Well-Being Eric B. Loucks, PhD

Paper Session: DEPRESSION, CARDIOVASCULAR DISEASE MORBIDITY, AND INTERVENTION PATHWAYS

Chair: Kenneth E. Freedland, PhD

Room: International III

1299 / 8-Year Depressive Symptom Trajectories And Risk Of Incident Stroke: A 10-Year Follow-Up Of The Health And Retirement Study (HRS)

Yenee Soh, SM

1730 / Illness Severity And Depression In Hospitalized Patients With Heart Failure

Kenneth E. Freedland, PhD

1288 / Differences In The Prevalence Of Screen-Detected Depression After Acute Coronary Syndrome Across 4 Health Systems In The United States: Findings From The CODIACS-QOL Trial

lan M. Kronish, MD, MPH

1634 / Effect Of Modernized Collaborative Care For Depression On Depressive Symptoms And Cardiovascular Disease Risk: Primary Results Of The Eimpact Randomized Controlled Trial Jesse C. Stewart, PhD

Paper Session: A LOOK ON THE BRIGHT SIDE: POSITIVITY AND HEALTH RESILIENCE

Chair: Julia Boehm, PhD Room: Gallerie I

1031 / Does Optimism And Religious Identity Moderate The Association Between Socioeconomic Mobility And Depressive Symptoms Among White And Black Adults?

Agus Surachman, MS

1105 / Enjoyment Of Life Predicts Type 2 Diabetes Incidence Over 12 Years Of Follow-Up: Findings From The English Longitudinal Study Of Ageing

Laura Panagi, MSc

1696 / Perceived Stress, Psychological Resilience, Hair Cortisol Concentration, And Metabolic Syndrome Severity: A Moderated Mediation Model

H. Matthew Lehrer, PhD

1285 / A Positive Psychology-Motivational Interviewing Intervention To Promote Physical Activity In Type 2 Diabetes: The Behold Randomized Controlled Trials

Jeff C. Huffman, MD

**Invited Symposium: A YEAR IN SPACE, THE NASA TWINS STUDY

Chair: Joel Dimsdale, MD

Speakers: Michael Ziegler, MD, Susan M. Bailey, PhD,

Ruben C. Gur, PhD Room: International IV, V

3:00pm - 3:15pm Break

3:15pm – 4:30pm Concurrent Sessions

Generations:

Symposium 1557 / A GENERATION SYMPOSIUM ON CANCER SURVIVORSHIP: DR. ANNETTE STANTON

Chair: Patricia I. Moreno, PhD Room: International I

1559 / Establishing the Usability of the OncoTool Platform for

Monitoring Patient-Reported Adverse Events

Betina I. Yanez, PhD

1560 / Passive Mobile Sensing of Depressive Symptoms in

Pancreatic Cancer Surgery Patients

Carissa A. Low, PhD

1561 / Effects Of Web-Based Behavioral Interventions On Cortisol And Inflammatory Markers In Men With Advanced

Prostate Cancer: A Randomized Controlled Trial

Patricia I. Moreno, PhD

1562 / Field to Lab and Back: Adventures in Coping Research

Annette L. Stanton, PhD

DIV Symposium 1176 / HARDSHIPS AND ASSETS IN CHILDHOOD: ASSOCIATIONS WITH HEALTH OUTCOMES ACROSS THE LIFESPAN

Chair: Julia K. Boehm, PhD Discussant: Shakira Suglia, ScD

Room: Gallerie II, III

1308 / Exposure to Early Experiences of Threat, and Not

Deprivation, Are Associated with Greater Physiological

Dysregulation in Youth **Jennifer A. Sumner, PhD**

1520 / Social Assets In Youth Are Associated With Trajectories

Of Well-Being During The Transition To Adulthood

Farah Qureshi, ScD

1577 / Positive Childhood Experiences and Cognitive Function

in Late Life

Ruijia H. Chen, MS

1303 / Psychosocial Strengths in Childhood and Lipid Profiles Thirty Years Later: Findings from the 1958 British Birth Cohort

Julia K. Boehm, PhD

Symposium 1103 / HIGH QUALITY ROMANTIC RELATIONSHIPS AND GOOD HEALTH: AN IN-DEPTH LOOK AT PHYSIOLOGICAL PATHWAYS

Chair: Sohyun C. Han, MA Discussant: Darby Saxbe, PhD

Room: International II

1278 / Romantic Partner Presence and Physiological

Regulation in Daily Life Sohyun C. Han, MA

1279 / The Physiology of Dyadic Meaning-Making in Couples' Discussions About Loss

Geoffrey Corner, MA

1110 / Links Between Discrimination and Sleep Quality Examined Within a Romantic Relationship Context

Yehsong Kim, MA

1277 / Family-Of-Origin Aggression And Inflammation In Young Adulthood: Romantic Relationships As Buffers Of Risky Health

Trajectories

Kelly F. Kazmierski, PhD

Symposium 1243 / BIOPSYCHOSOCIAL CORRELATES AND TEMPORAL PATTERNS OF FATIGUE IN PATIENTS WITH RECURRENT ACUTE OR CHRONIC PAIN CONDITIONS

Chair: Ian A. Boggero, PhD

Room: Pacific I, II

1544 / Biopsychosocial Correlates And Temporal Patterns Of

Fatigue In Temporomandibular Joint Disorder

lan A. Boggero, PhD

1537 / The Relationship Of Fatigue And Quality Of Life In Youth

With Sickle Cell Disease Who Experience Pain

Krystal Morgan, PhD

1563 / Autonomic Function Testing: Relevance To Inflammation And Autonomic Induced Pain And Fatigue In

Fibromyalgia And ME/CFS **Kristy Themelis, PhD**

1564 / After The Pain Is Gone: A Longitudinal Investigation Into How Fatigue Changes After Chronic Orofacial Pain Resolves

Marcia V. Rojas Ramirez, DDS

Symposium 1745 / EFFECTS OF COMMUNAL COPING ON HEALTH ACROSS STRESSFUL CONTEXTS: Causal Links And Boundary Conditions

Chair: Melissa Zajdel, MS Discussant: Vicki Helgeson, PhD

Room: Atlantic I, II

1748 / An Experimental Approach to Communal Coping Melissa Zajdel, MS

1752 / Using Family Consultation (FAMCON) to Prevent Type 2 Diabetes: A Pilot Study to Alter Communal Coping

David Sbarra, PhD

1759 / An Experimental Manipulation of Communal Appraisal and Coping Intentions in Young Adults

Emma Bright, PhD

1760 / Couples' We-Ness Buffers The Effects Of Perceived Stress On Physical Health Functioning In Midlife Parents **Kelly Rentscher, PhD**

DIV Paper Session: EFFECTS OF PERCEIVED DISCRIMINATION ON HEALTH PATHWAYS AMONG UNDERREPRESENTED POPULATIONS

Chair: LaBarron Hill, PhD

Room: Gallerie I

1255 / Health Behaviors And Perceived Discrimination Among

Latinxs

Carlos E. Rosas, MA

1381 / Daily Diary Assessments Of Perceived Discrimination And Self-Reported Sleep In A Community Sample Of Black And White Adults

Kimberly G. Lockwood, PhD

1707 / Examining Discrimination, Crp Levels, And Associated Cvd Risk Among Young Gay And Bisexual Men Laura Scarimbolo, BS

1211 / Race, Threat Bias, And Heart Rate Variability In High Trait Anxious Individuals

Raimy T. Jamal

1540 / Racial And Ethnic Disparities In Cortisol Reactivity And The Moderating Role Of Discrimination

Kimberly A. Dienes, PhD

Paper Session: CHRONIC AND DAILY STRESS MEASUREMENT AND OUTCOMES

Chair: Joshua M. Smyth, PhD Room: International III

1415 / Chronic Neighborhood Safety Concerns And Daily Well-

Being: A National Diary Study Jennifer Robinette, PhD

1796 / The Stress Of The Day: A Systematic Review Of Everyday Stress And Cardiovascular Outcomes

Amanda K. Small, BA

1366 / A Novel Approach To Capturing Within-Person Fluctuations In Everyday Stress Responses

Meynard John L. Toledo, PhD

1187 / Stress-Related Trajectories Of Diurnal Cortisol In Older Adulthood Across 12 Years

Heather Herriot. MA

1496 / Heart Rate And Blood Pressure Trajectories During Stress: A New Source Of Inter-Individual Variability In Stress Reactivity

Ryan C. Brindle, PhD

4:45pm – 5:45pm Special Events

MD Perfect Pairings: Book Reading and California Wines

featuring Joel Dimsdale, MD Chair: Lawson Wulsin MD Room: Gallerie II, III

Dr. Dimsdale will read from his book Anatomy of Malice: The

Enigma of the Nazi War Criminals.

MC Mid-Career Happy Hour 3: Staying Relevant and Fresh

Panel: Suzanne Segerstrom, PhD, MPH, and Julian Thayer, PhD Moderators: Jennifer Boylan, PhD and Jenny Cundiff, PhD The final session will address the challenges of 'keeping up' and staying fresh and relevant.

See full description of Happy Hours on page 6.

Room: Gallerie I

6:30pm - 10:30pm CLOSING BANQUET

Room: Catalina



2020 Awards of the American Psychosomatic Society

Donald Oken Fellowship: Hochang Ben Lee, MD

Distinguished Scientist Award: Karen A. Matthews, PhD

Patricia R. Barchas Award: Anna Marsland, PhD, RN

Herbert E. Weiner Early Career Award: Christopher Fagundes, PhD

Paul D. MacLean Award: Nim Tottenham, PhD

APS 2020 Young Investigator Colloquium

Leslie Adams, PhD Nida Ali. PhD Chloe Boyle, PhD Kristen Brown, PhD Claire Conley, PhD Heather Derry, PhD Shannon Donofry, PhD Anne-Josée Guimond, PhD Erica Hornstein, PhD

Vanessa Hux, MD Eleonora lob. PhD Eric Kim. PhD Clare McCormack, PhD Megan Miller, PhD Mona Moieni, PhD James Mulcahy, MSc Karly Murphy, PhD

Nicola Petrocchi, PhD Farah Qureshi, ScD Incollingo Rodriguez, PhD Sara Sagui-Henson, PhD Lisa Shank, PhD Michael Trujillo, PhD David Weissman, PhD Timothy Williamson, PhD

APS Scholar Awards

Yasmin Barrientos Kofman, MA Philipp Frank, MSc Page Hurley, BS Jacqueline Kim, PhD Sarah Lyle, MS Jay Patel, MS Rosemarie Perry, PhD Rosie Shrout, PhD Yenee Soh. SM Chloe Taub, MA John Vanuk, MA

Diversity Travel Award

Stephanie Cook, DrPH Andrea Duran. PhD Melissa Flores, PhD Nicholas Joseph. MA Aresha Martinez-Cardoso, PhD

Travel Award for

Cousins Center Global Outreach Award Arwa Ben Salah, MD

MacLean Scholars Peter MacIver. BA Mandakh Bekhbat, PhD

Nadia Liyanage-Don, MD

Bethany Thompson, BSc

MD Travel Award

Ellen Bradlev, MD

Victor Ekuta, BS

APS is pleased to acknowledge that funding for the APS Young Scholar Awards and Diversity Travel Awards is provided by a grant from the National Institutes of Health (NIA and NCI; R13 AG066393-01:M-F O'CONNOR, PI).

APS 78TH Annual Scientific Meeting – March 11-14, 2020 – Long Beach, CA

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Meeting Objectives

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

- 1) To describe state-of-the-science advances in understanding of the biobehavioral pathways by which psychosocial and sociocultural factors influence differences in disease risk and resilience.
- 2) To disseminate breakthroughs in interventions to promote health equity
- 3) To highlight understudied populations and emerging disparities issues as a means to improving national public health

Continuing Education Information



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

Credit Designation Statement – Amedco LLC designates this live activity for a maximum of 27.25 AMA PRA Category 1 CreditsTM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



Psychologists: This course is co-sponsored by Amedco and American Psychosomatic Society. Amedco is approved by the American Psychological Association to sponsor continuing education for psychologists. **Amedco maintains responsibility for this program and its content. 27.25 hours.**

The following state boards accept courses from APA providers for Counselors: AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, MD, ME, MO, NC, ND, NH, NE, NJ, NM, NV, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, WI, WY

MI: No CE requirements

The following state boards accept courses from APA providers for MFTs: AK, AR, AZ, CA, CO, CT, DE, FL, GA, IA, ID, IN, KS, MD, ME, MO, NE, NC, NH, NJ, NM, NV, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, WA, WI, WY

The following state boards accept courses from APA providers for Addictions Professionals: AK, AR, CO, CT, DC, DE, GA, IA, IN, KS, LA, MD, MO, MT, NC, ND, NE, NJ, NM, NY (outstate held), OK, OR, SC, UT, WA, WI, WY

MA / MFTs: Participants can self-submit courses not approved by the MAMFT board for review.

The following state boards accept courses from APA providers for Social Workers: AK, AR, AZ, CA, CO, DE, FL, GA, ID, IN, KY, ME, MN, MO, NE, NH, NM, OR, PA, VT, WI, WY

Additional Information

About APS

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

Photo Release

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



Managed by Degnon Associates 6728 Old McLean Village Drive · McLean, VA 22101 info@psychosomatic.org · www.psychosomatic.org Follow the meeting on Twitter: #APS2020LBC

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Why Tweet the Conference?

- Amplify conference experience to a wider audience
- Disseminate and increase impact of research
- Generate international engagement
- Grow community of colleagues and collaborators
- Provide real-time input on presentations
- 🌟 Have a chance to win prizes (who wouldn't love a discount for APS2021?)

Building a Tweet

1. Use our Conference Hashtag #APS2020LBC and other relevant hashtags to be listed on Twitter with other people Tweeting about similar ideas.



- 2. Tag Conference speakers, departments, universities, centers & other organizations that have a Twitter account to acknowledge their work.
- 3. Post pictures of presentation slides and include links to speakers' articles for eye-catching and informative content on people's Twitter feeds!

Social Media Task Force

Tag us and follow us – we'll retweet you!

Co-chair









Claudia T-Fitzgerald Carissa Low @claudiatfitz

Daryl O'Connor Tamsyn Hawken @carissa_low @HealthPsychTam @healthypsycleeds









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Don't have a Twitter account yet? Want to improve your tweeting skills?

Look out for the Task Force members during the meeting so we can help you getting started!