<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:00am – 7:00pm</td>
<td>Annual Meeting Registration</td>
<td>International Ballroom Foyer</td>
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<tr>
<td>7:30am – 12:30pm</td>
<td>Young Investigator Colloquium</td>
<td>Room: International II</td>
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<tr>
<td></td>
<td>MD Travel Scholars Program</td>
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<td></td>
<td>(invitation only)</td>
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<tr>
<td>8:00am – 12:00pm</td>
<td>APS Council Meeting</td>
<td>Room: International I</td>
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<tr>
<td>8:30am – 12:00pm</td>
<td>Morning Workshop</td>
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<td>12:30pm – 4:00pm</td>
<td>Afternoon Workshop</td>
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<td>MC, MD, DIV Dataset Diversity</td>
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<tr>
<td></td>
<td>Chair: Manisha Sawhney, PhD</td>
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<tr>
<td></td>
<td>Faculty: Rebecca Campo, PhD, Deborah Jones Weiss, PhD, ME, Kimberly Hollabaugh, MS, Maria Llabre, PhD</td>
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<td>Room: Pacific I, II</td>
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<tr>
<td>4:30pm – 5:00pm</td>
<td>Opening Session</td>
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<td>Recipients of the 2020 APS awards will be recognized.</td>
<td>Room: International III, IV, V</td>
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<tr>
<td>5:00pm – 6:00pm</td>
<td>Plenary</td>
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<td>Patricia R. Barchas Award Lecture: Biological Pathways of Psychological Stress in the Context of Health</td>
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<td></td>
<td>Introduction: Keely A. Muscatell, PhD</td>
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<td>Speaker: Anna Marsland, PhD, RN</td>
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<td>Room: International III, IV, V</td>
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<tr>
<td>6:00pm – 7:00pm</td>
<td>Plenary</td>
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<td>2020 Presidential Address</td>
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<td>Introduction: Téne Lewis, PhD</td>
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<td>Speaker: Susan Everson-Rose, PhD, MPH</td>
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<td>Room: International III, IV, V</td>
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<tr>
<td>7:15pm – 9:00pm</td>
<td>Welcome Reception</td>
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<td>Welcome to the APS 2020 Annual Meeting!</td>
<td>Room: World Trade Center Plaza (outdoors- permitting)</td>
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Please note focused programming as marked:

**MC** = Mid-Career programming  
**MD** = MD Programming  
**DIV** = Diversity Programming
THURSDAY, MARCH 12

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, Ph.D
Speakers: Rachel Morello-Frosch, PhD, MPH, Malo Andre Hutson, PhD, MCP
Room: International III

Symposium 1566 / STRESS, COPEING 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

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
11:45am – 12:45pm   Concurrent Sessions

Generations:
Symposium 1552 / BIPSYCHOSOCIAL 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  
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

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Download the APS Meeting APP from your APP store:
1. search for and download the app: Eventessential
2. once in the Evensential app, search: American Psychosomatic Society

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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
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

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

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 Il-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

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 Biobehavioral 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, PsyD

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 Interactive 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. Weis, 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.
FRIDAY, MARCH 13

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-1β
    | Grant S. Shields, PhD

    | 1130 / Covariation in Salivary Cortisol and IL-6: Between- and Within-Person Associations
    | Rebecca G. Reed, PhD

11:27 / 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 Decrement 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 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 Iob, 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 Whitaker, 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

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 (AI/AN) Communities in California to Target the Opioid Epidemic
Clara andina 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

MD, DIV Symposium 1740 / GENDERED ADRENALS AND GUTS?: SEX & GENDER-ROLES IN RELATION TO CORTISOL REACTIVITY 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
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 Play 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
Brittany 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 Iob, 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
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

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.

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
Ian 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  
Ian 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

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**APS 2020 Young Investigator Colloquium**

<table>
<thead>
<tr>
<th>Leslie Adams, PhD</th>
<th>Vanessa Hux, MD</th>
<th>Nicola Petrocchi, PhD</th>
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<tr>
<td>Nida Ali, PhD</td>
<td>Eleonora Iob, PhD</td>
<td>Farah Qureshi, ScD</td>
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<td>Chloe Boyle, PhD</td>
<td>Eric Kim, PhD</td>
<td>Incollingo Rodriguez, PhD</td>
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<td>Kristen Brown, PhD</td>
<td>Clare McCormack, PhD</td>
<td>Sara Sagui-Henson, PhD</td>
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<td>Claire Conley, PhD</td>
<td>Megan Miller, PhD</td>
<td>Lisa Shank, PhD</td>
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<td>Heather Derry, PhD</td>
<td>Mona Moieni, PhD</td>
<td>Michael Trujillo, PhD</td>
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<td>Shannon Donofry, PhD</td>
<td>James Mulcahy, MSc</td>
<td>David Weissman, PhD</td>
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<td>Anne-Josée Guimond, PhD</td>
<td>Karly Murphy, PhD</td>
<td>Timothy Williamson, PhD</td>
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<td>Erica Hornstein, PhD</td>
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**APS Scholar Awards**

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<tr>
<th>Yasmin Barrientos Kofman, MA</th>
<th>Stephanie Cook, DrPH</th>
<th>Ellen Bradley, MD</th>
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<tr>
<td>Philipp Frank, MSc</td>
<td>Andrea Duran, PhD</td>
<td>Victor Ekuta, BS</td>
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<td>Page Hurley, BS</td>
<td>Melissa Flores, PhD</td>
<td>Nadia Liyanage-Don, MD</td>
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<td>Jacqueline Kim, PhD</td>
<td>Nicholas Joseph, MA</td>
<td>Bethany Thompson, BSc</td>
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<td>Sarah Lyle, MS</td>
<td>Aresha Martinez-Cardoso, PhD</td>
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<td>Jay Patel, MS</td>
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<td>Rosemarie Perry, PhD</td>
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<td>Rosie Shrou, PhD</td>
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<td>Yenee Soh, SM</td>
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<td>Chloe Taub, MA</td>
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<td>John Vanuk, MA</td>
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**Diversity Travel Award**

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**Cousins Center Global Outreach Award**

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<th>Cousins Center Global Outreach Award</th>
<th>Travel Award for MacLean Scholars</th>
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<tr>
<td>Arwa Ben Salah, MD</td>
<td>Peter Maclver, BA</td>
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**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).**
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Dominic Ysidron
Robert Zachariae
Matthew Zawadzki
Samuele Zilioli
Peggy Zoccola
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 Credits™. 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.

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

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, ID, 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.

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⭐ Amplify conference experience to a wider audience
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⭐ 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!

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

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Claudia T-Fitzgerald @claudiatfitz
Carissa Low @carissa_low

Co-chair
Tamsyn Hawken @HealthPsychTam
Daryl O’Connor @healthypsycleeds

Mike Stanton @DrMikeStanton
Johanna C.-Cohen @JoCzamanski
Charles Jonassaint @drjonassaint
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#socialepi @ChrisPFlagundes
#LGBTHealth @DANLAB_Columbia
#psychosomatic @NIMHD
#medicine @minorityhealth
#health @AllofUsResearch
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#ThisIsHealthPsych

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!