### 77th Annual Scientific Meeting
March 6 – 9, 2019 – Vancouver, BC

**WEDNESDAY, MARCH 6**

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<th>Time</th>
<th>Event</th>
<th>Room/Location</th>
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<tr>
<td>7:00am – 7:00pm</td>
<td>Registration</td>
<td>Junior Ballroom Foyer (Room: Junior Ballroom Foyer)</td>
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<tr>
<td>7:00am-1:00pm</td>
<td>Room: Lower Lobby North Tower</td>
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<td>1:00pm-7:00pm</td>
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<tr>
<td>7:30am – 12:15pm</td>
<td>Young Investigator Colloquium</td>
<td>Junior Ballroom D (Room: Junior Ballroom D)</td>
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<td>7:30am – 8:30am</td>
<td>Diversity Travel Scholars Program</td>
<td>Junior Ballroom D (Room: Junior Ballroom D)</td>
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<td>8:30am</td>
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<tr>
<td>7:30am – 8:30am</td>
<td>MD Travel Scholars Program</td>
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<tr>
<td>8:00am – 12:00pm</td>
<td>APS Council Meeting</td>
<td>Port Alberni (Room: Port Alberni) (invitation only)</td>
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<tr>
<td>8:00am – 12:00pm</td>
<td>Morning Workshop</td>
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<td>7:30am – 8:30am</td>
<td>Neurocognition &amp; Chronic Disease: Use of Objective Neurocognitive Measures In Chronic Disease Research developed by the APS Professional Education Committee Chair: Manisha Sawhney, PhD Faculty: Peter Hall, PhD, Ryan Smith, PhD, Misty Hawkins, PhD, Manisha Sawhney, PhD</td>
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<tr>
<td>8:00am – 4:30pm</td>
<td>Full Day Workshop</td>
<td>Junior Ballroom C (Room: Junior Ballroom C)</td>
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<td>12:30pm – 4:30pm</td>
<td>Afternoon Workshop</td>
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<td>4:45pm – 5:15pm</td>
<td>Opening Session</td>
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<td>5:15pm – 6:10pm</td>
<td>Plenary</td>
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<tr>
<td>6:10pm – 7:00pm</td>
<td>Plenary</td>
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<td>7:00pm – 9:00pm</td>
<td>Student Reception</td>
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<td>8:30pm – 10:00pm</td>
<td>Sweet Tweets</td>
<td>Grand Ballroom Foyer (Room: Grand Ballroom Foyer)</td>
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**6:00am**

Not sure how Twitter works, or don't have an account yet? The “Sweet Tweets” lesson is for you! Visit the Social Media Task Force during the Citation Poster session to learn about Twitter and share online the exciting research presented at APS. Pssst - chocolates and prizes involved!

**Note:** this event is offsite
7:00am – 6:30pm  Annual Meeting Registration  
Lower Lobby

7:00am – 8:00am  Continental Breakfast  
Grand Ballroom Foyer  
Junior Ballroom Foyer

7:00am – 8:00am  Roundtables & Special Events

First Time Attendee/New Member Welcome Breakfast  
Room: Junior Ballroom ABC  
All new, prospective and curious APS members are encouraged to come to this meet and greet session. 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 about APS. This is a great opportunity to kick off the meeting by connecting with members new and old, and experiencing the welcoming culture of APS.

Roundtable: From Research to Practice: Finding Better Ways to Bridge the Gap in Clinical Training  
Facilitators: Robert Boland, MD, Lawson R. Wulsin, MD, Peter Shapiro, MD  
Room: Junior Ballroom D

APS SIG Meeting: Developmental Origins of Health and Disease (DOHaD)  
Room: Parksville

Wellness Activity: Yoga with Marie Cross  
Room: Port Alberni

8:00am – 8:15am  Data Blitz  
Room: Grand Ballroom AB  
Best Trainee Posters of the Day Data Blitz! Each morning, we’ll be kicking off the day with a data blitz. Be sure to come early and learn about some of our most exciting trainee poster presentations of the day in fast-paced 2 minute talks! Thursday presenters include: Jessica Armer, MA, Stella Fangauf, MSc Psychology, Rachel Kozik, BA, and Adam Schweber, BA

8:15am – 9:15am  Plenary  
HOW RELEVANT IS THE GUT MICROBES BRAIN COMMUNICATION IN HUMANS?  
Introduction: Douglas A. Drossman, MD  
Speaker: Emeran Mayer, MD  
Room: Grand Ballroom AB

9:15am – 10:45am  Concurrent Sessions

Invited Panel on the Microbiome  
Moderator: Gerry Giesbrecht, PhD  
Discussant: Emeran Mayer, MD  
Speakers: Brett Finlay, PhD, Kristen Tillisch, MD, and Karl Maier, PhD  
Room: Grand Ballroom A

Late Breaking Trials 1: CHANGING DEPRESSION, MOOD & STRESS FOR BETTER HEALTH  
Chair: Bruce L. Rollman, MD, MPH  
Room: Grand Ballroom B  
1809 / Blended Collaborative Care for Treating Systolic Heart Failure And Comorbid Depression: 12-Month Primary Outcomes From The Hopeful Heart Trial  
Bruce L. Rollman, MD, MPH

1433 / Randomized Controlled Trial of Tai Chi Among Older Adults with Hypertension: Effects on Depressive Symptomatology, Interceptive Awareness, And Cardiovascular Responses To Brief Exercise  
Kathleen L. Wilson, MS

1490 / A Randomized Trial of A Positive Psychology-Based Intervention To Promote Physical Activity After An Acute Coronary Syndrome: The Peace-IV Trial  
Jeff C. Huffman, MD

1784 / Brief Mindfulness-Based Stress Management Program For A Better Mental State In Working Populations - Happy Nurse Project: A Randomized Controlled Trials  
Norio Watanabe, MD, PhD

Paper Session: CORTISOL  
Chair: Peggy Zoccola, PhD  
Room: Junior Ballroom ABC  
1725 / Cortisol Variability And Inflammation Across The Adult Life Span  
Rachel E. Koff, PhD

1063 / Day-To-Day Variability In Cortisol Patterns And Fatigue In Young And Older Breast Cancer Survivors  
Heather Herriot, MA

1079 / Physical Activity Moderates Everyday-Life Within-Person Associations Between Negative Affect And Salivary Cortisol In Older Adults  
Theresa Pauly, MA

1506 / The Momentary Affective States And Diurnal Cortisol Rhythm In Minority Youth  
Cheng K. Fred Wen, PhD

1239 / The Impact Of Parental Cancer On Maladaptive Stress Responses In Children  
Nadine Melhem, PhD

Symposium 1247 / FROM BODY TO MIND (AND VICE VERSA) VIA HEART RATE VARIABILITY  
Co-Chairs: Luca Carnevali, PhD, Elena Makovac, PhD  
Discussant: Cristina Ottaviani, PhD  
Room: Port McNeill

1448 / The Influence Of An 8-Week Biofeedback Intervention On Heart Rate Variability And Functional Brain Connectivity  
Andy Schumann, DIPL-ING
1471 / The Association Between Pain-Induced Autonomic Reactivity And Conditioned Pain Modulation Is Mediated By The Periaqueductal Grey
Elena Makovac, PhD

1248 / The Effects Of Excitatory tDCS Over The Left Dorsolateral Prefrontal Cortex On Autonomic And Neuroendocrine Responses To Psychosocial Stress
Luca Carnevali, PhD

1543 / Loneliness In Autism: Autonomic And Affective Correlates
Lisa Quadt, PhD

Symposium 1757 / GRIEF TRAJECTORIES AND INDIVIDUAL DIFFERENCES: FROM MIND TO BODY AND BACK?
Chair: Christopher P. Fagundes, PhD
Room: Parksville

1760 / Mechanisms And Trajectories Underlying Bereavement: A Biobehavioral Investigation
Christopher P. Fagundes, PhD

1761 / Contribution Of Attachment Theory For Bereavement Related Immune Dysregulation
Angie LeRoy, PhD

1762 / Grief, Neighborhood Context, And Health Disparities
Levi Saucedo, BA

1763 / Body To Mind: Peripheral Inflammation And Prolonged Grief
Lydia Wu, Ba

Paper Session: DISCRIMINATION
Chair: Jay Patel, BA
Room: Junior Ballroom D

1691 / Individual-Level Discrimination Interacts With Depressive Symptoms To Predict Intimal-Medial Thickening In African Americans
Danielle L. Beatty Moody, PhD

1660 / Religious Affiliation Status Influences The Relation Of Discrimination To Pulse Wave Velocity Among African American Men
Jason J. Ashe, MDiv

1024 / Parasympathetic Activity In Indigenous Peoples During A Discrimination Experience Speaking Task
Chad Danyluk, PhD

1718 / Dispositional Characteristics As Correlates Of Health And Wellbeing Among Marginalized And Indigenous Communities In Vancouver, Canada
Amber R. Campbell, BS

1331 / Discrimination And Daily Activities During Adolescence
Danny Rahal, MA

11:00am – 12:00pm Concurrent Sessions

Invited Symposium: OPEN SCIENCE AND PSYCHOSOMATIC MEDICINE
Moderator: Daryl O’Connor, PhD
Speakers: Daryl O’Connor, PhD, Julian Thayer, PhD, Mark Lumley, PhD, A. Janet Tomiyama, PhD
Room: Grand Ballroom A

Symposium 1186 / IDENTIFYING INTERVENTION TARGETS TO SIMULTANEOUSLY REDUCE POSTTRAUMATIC STRESS DISORDER AND SECONDARY CARDIOVASCULAR DISEASE RISK: THE REACH STUDIES
Chair: Donald Edmondson, PhD, MPH
Discussant: Ian Kronish, MD, MPH
Room: Junior Ballroom D

1641 / The Association of Threat Perception and Patient Treatment Preferences in Acute Stroke
Bernard P. Chang, MD, PhD

1688 / An Examination of Diurnal Heart Rate and Cardiac-Related Intrusive Thoughts in Acute Coronary Syndrome Patients with and without Posttraumatic Stress Symptoms
Jeffrey L. Birk, PhD

1696 / Trajectories of Posttraumatic Stress Symptoms in Patients with Confirmed and Rule-Out Acute Coronary Syndrome
Laura Meli, MS

Paper Session: SOCIOECONOMIC STATUS
Chair: Nataria Joseph, PhD
Room: Grand Ballroom B

1770 / Subjective Socioeconomic Status And C-Reactive Protein In Children And Adolescents
Eloise Fairbank, BA

1179 / Attending Schools With Greater Socioeconomic-Based Achievement Gaps Predicts Worse Adolescent And Adult Health Among Lower Socioeconomic Status Students
Cynthia S. Levine, PhD

1011 / Life Course Socioeconomic Status, Daily Stressor Reactivity, Risk Factors Of Chronic Kidney Disease, And Kidney Function Among Adults In The Midlife In The United States (MIDUS) Study
Agus Surachman, MS

1192 / Psychosocial Moderators Of Sociodemographic Health Disparities In The Healthy Aging In Neighborhoods Of Diversity Across The Life Span (HANDLS) Study
Lauren M. Faulkner, MA

Paper Session: HIV
Chair: Marie Cross, MA
Room: Parksville

1662 / Affective Processing Of Trauma Essay Predicts Survival Over 17 Years In HIV
Gail Ironson, MD, PhD
1549 / Depression As A Potential Risk Factor For Cardiovascular Disease In People With HIV: A Systematic Review
Brittanny M. Polanka, MS

1625 / Viral Load Suppression, Mental Health, And Quality Of Life Among People Living With HIV In South Carolina
Hyunsan Cho, PhD

1712 / Alexithymia And Cardiac Interoceptive Awareness In Women Living With HIV
Roger McIntosh, PhD

Paper Session: DIABETES
Chair: Tasneem Khambaty, PhD
Room: Port McNeill

1610 / Weight Change In Depression And Onset Of Type 2 Diabetes
Eva Graham, MSc

1351 / Baseline Cardiometabolic Impairment Severity And Improvements In Glucose Regulation And Inflammation Among Treatment Seeking Obese Adults
Caitlin E. Smith, MS

1201 / Sex Differences In Interleukin-6 Stress Responses In People With Type 2 Diabetes
Laura Panagi, MSc

1057 / Undiagnosed Diabetes Among Immigrant And Racial/Ethnic Minority Adults In The U.S.: Nhanes 2011-2016
Loretta Hsueh, MA

Paper Session: MINDFULNESS INTERVENTIONS
Chair: Brooke Jenkins, PhD
Room: Junior Ballroom ABC

1043 / A Randomized Controlled Trial Of A Mindfulness Intervention For Grief In Widows And Widowers
Lindsey M. Knowles, MA

1132 / Cognitive Behavioral Therapy, Mindfulness, And Cortisol Habituation: A Randomized Controlled Trial
Andrew W. Manigault, MS

1722 / The Moderating Effects Of Distress Tolerance And Expectations On A Mindfulness Intervention During Stereotactic Breast Biopsy
Kelsey L. Sinclair, BA

1740 / Spiritual Wellbeing As A Moderator Of Brief Mindfulness Intervention On Anxiety During Stereotactic Breast Biopsy
Shaelyn Fowler, BS

12:00pm – 1:15pm
Lunch on your own & Special Events

12:15pm – 12:45pm
Wellness Activity: Tai Chi with Crista Crittenden
Room: Port Alberni

Note: if you are attending a WELLNESS Activity and haven’t completed a disclaimer yet, please visit the APS Registration Desk.

1:15pm – 2:15pm
Concurrent Sessions

Invited Symposium: BEST PRACTICES IN TEACHING PSYCHOSOMATIC MEDICINE
Moderators: Victoria Burns, PhD and Nataria Joseph, PhD
Speakers: Victoria Burns, PhD, Crista Crittenden, MPH, PhD, Douglas Drossman, MD and Nataria Joseph, PhD
Room: Grand Ballroom A

Paper Session: CAREGIVING
Chair: Joan Monin, PhD
Room: Junior Ballroom D

1707 / Chronic Stress And Depressive Symptoms Moderate The Impact Of Capitalization Of Positive Affect On Inflammation
Jean-Philippe Gouin, PhD

1170 / Earlier Oxytocin And Interleukin-6 Predict Changes In Caregiving Stress During The First Year After The Cancer Diagnosis Of Relatives
Youngmee Kim, PhD

1472 / Pathways To Psychophysiological Resilience In Young Informal Caregivers: Mapping The Impacts Of Chronic Stress
Tamsyn A. Hawken, MSC

1579 / Combining Telomere Length And Telomerase Activity To Examine The Impact Of The Chronicity Of Caregiving
Timothy S. Sannes, PhD

Paper Session: LINKING NEIGHBORHOODS TO HEALTH
Chair: Tom Fuller-Rowell, PhD
Room: Port McNeill

1136 / Concentrated Neighborhood Privilege Attenuates The Relationships Between Household Income, Pulmonary Function, And Quality Of Life Among Youth With Asthma
Makeda K. Austin, PhD

1074 / Linking Perceived And Neighborhood Stress And Cardiovascular Risk As A Function Of Acculturation And Socioeconomic Status In Mexican Americans: Implications For The Latinx Health Paradox
Maryam Hussain, PhD

1535 / Does Neighborhood Walkability And Area Deprivation Correlate With Physical Activity Among Recently Hospitalized Patients With Systolic Heart Failure And Co-Morbid Depression?
Julia P. Holber, BA

Not a Member?
Visit the APS Registration Desk or look for a representative of the Membership Committee.
They’re wearing ASK ME! buttons.
1461 / Community Socioeconomic Disadvantage Associates With Preclinical Vascular Disease Via Altered Cortisol Activity
Karissa Miller, PhD

Symposium 1139 / EARLY LIFE MICROBIOME AND CHILD HEALTH
Chair: Gerald Giesbrecht, PhD
Room: Grand Ballroom B

1195 / Infant Gut Microbiome Associated With Anxious Behavior And Neurocircuitry Of Fear
Alexander L. Carlson, BS

1292 / Associations Between Gut Microbiota And Internalizing Problems In Preschoolers
Gerald Giesbrecht, PhD

1287 / The Infant Gut Microbiome: A Common Means By Which Environmental Factors Affect Asthma Outcomes?
Hind Sbihi, PhD

1165 / Microbial Multi-Omics Differentiates Children With Irritable Bowel Syndrome From Healthy Control
Emily B. Hollister, PhD

Paper Session: SEX DIFFERENCES IN HEART DISEASE
Chair: Nina Kupper, PhD
Room: Junior Ballroom ABC

1115 / Higher Plasma Levels Of CT-PROAVP Are Linked To Less Anxiety In Men But Not Women With Cardiovascular Risk Factors. Results From The Observational Diast-Chf Study
Monika Sadlonova, MD

1470 / Gendered Associations Of Depressive Symptoms And Anxiety With Inflammatory Biomarkers In Patients With Non-Obstructive Coronary Artery Disease: Role Of Lifestyle Factors
Paula M.C. Mommersteeg, PhD

1150 / Women Are Affected Most By The Effect Of Chronic Stress On The Course Of Fatigue After A Cardiac Event, The Thoresci Study
Nina Kupper, PhD

1210 / Sex And Gender-Stratified Risks Of Psychological Factors For Incident Ischemic Heart Disease And Prognosis: A Meta-Analysis In 2,373,326 Women And 3,441,773 Men
Veerle R. Smaardijk, MSc

Symposium 1346 / EMOTIONAL AWARENESS AND CHRONIC PAIN: THEORETICAL, BASIC SCIENCE, AND TREATMENT ADVANCES
Chair: Mark A. Lumley, PhD
Discussant: Christoph Herrmann-Lingen, MD
Room: Parksville

1487 / Biased Competition Favoring Physical Over Emotional Pain: Possible Neurobiological Mechanisms Explaining The Link Between Early Adversity And Chronic Pain
Richard D. Lane, MD, PhD

1363 / Can Expressed Interpersonal Distress Reverse The Effects Of Early Interpersonal Adversity On Somatoform/Centralized Pain? On Neuropsychophysiologic Mechanisms Of Symptom Formation And Implications For Treatment
Alia Landa, PhD

1347 / Emotional Awareness And Expression Therapy For Chronic Pain: Outcomes And Emotion-Focused Moderators
Mark A. Lumley, PhD

2:15pm – 2:30pm Refreshment Break
Grand Ballroom Foyer
Junior Ballroom Foyer

2:30pm – 3:45pm Concurrent Sessions

Symposium 1385 / THE FUTURE OF SMARTPHONES AND MOBILE DEVICES IN BIOBEHAVIORAL SCIENCE
Co-Chairs: Carissa A. Low, PhD, Charles, Jonassaint, PhD
Discussant: Eva Szigethy, MD, PhD
Room: Grand Ballroom A

1387 / Relationships Between Smartphone And Wearable Sensor Data, Symptoms, Quality Of Life, And Inflammation After Pancreatic Surgery
Carissa A. Low, PhD

1391 / I See Your Pain! Design And Development Of A Novel Technology-Based Tool For Communicating And Assessing Pain That Uses Animations
Charles Jonassaint, PhD

1392 / Is It Your Phone or How You Use It? An Investigation Of The Benefits Smartphones May Provide When Recovering from Stress
John Hunter, MA

1393 / Smartphone And In-Person Mindfulness Interventions Boost Positive Emotions Through Acceptance Mechanisms: Evidence From Two Randomized Controlled Trials
Emily K. Lindsay, PhD

Symposium 1539 / PSYCHOSOCIAL EXPERIENCES AND THE REGULATION OF THE HUMAN GENOME
Co-Chairs: Kelly E. Rentscher, PhD, Allison Farrell, PhD
Discussant: Steve Cole, PhD
Room: Grand Ballroom B

1540 / Couples’ Relationship Closeness Buffers The Effects Of Psychosocial Stress On Cellular Stress And Biological Aging Marker P16INK4a
Kelly E. Rentscher, PhD

1541 / Transcriptomic And Cell-Type Compositional Effects Of Self-Disclosure
Allison K. Farrell, PhD

1542 / Depressive Symptoms And Transcriptional Indicators Of Immune Alterations During Late Adolescence
Jessica Chiang, PhD

1582 / Risk Exposure And Harsh Parenting In Adolescence Predict Epigenetic Aging In Young Adulthood
Katherine B. Ehrlich, PhD
Symposium 1157 / STRESS AND RESILIENCE DURING THE POSTPARTUM PERIOD: IMPLICATIONS FOR MATERNAL AND CHILD HEALTH OVER THE LIFE COURSE
Co-Chairs: Alyssa D. Cheadle, PhD, Christine Guardino, PhD
Discussant: Molly Fox, PhD
Room: Junior Ballroom ABC
1511 / Religiousness And Spirituality Predict Lower Inflammation In Women Six Months After The Birth Of A Child
Alyssa D. Cheadle, PhD

1193 / Preconception And Prenatal Stressful Life Events, Third Trimester Inflammatory Gene Expression, And Gestational Length
Kharah M. Ross, PhD

1536 / Diurnal Salivary Cortisol Patterns In Preschool-Aged Children: Associations With Maternal Pre-Pregnancy And Prenatal Stress
Christine M. Guardino, PhD

1435 / Higher Maternal HbA1C After The Birth Of One Child Prospectively Predicts Executive Functioning Deficits In Subsequent Offspring
Julia E. Morgan, MA

Symposium 1614 / PREDICTION AND PREVENTION OF EMOTIONAL AND PHYSICAL PROBLEMS IN BREAST CANCER SURVIVORS
Chair: Madelon L. Peters, PhD
Room: Junior Ballroom D
1699 / Illness Perception Of Cancer-Related Residual Symptoms, Fatigue And Intentions Towards A Healthy Lifestyle In Post-Treatment Cancer Survivors
Ilse Mesters, PhD

1695 / Fear Of Cancer Recurrence, Optimism And Trait Resilience Predict Emotional And Physical Functioning In Breast Cancer Survivors
Madelon L. Peters, PhD

1634 / A Single Session Psychological Intervention For Women Undergoing Surgery For Breast Cancer: A Pilot
Katherine Hadlandsmyth, PhD

1616 / Postoperative Pain After Breast Cancer Surgery: The UK Prevention Of Shoulder Problems Trial (UK PROSPER)
Julie Bruce, PhD

Symposium 1241 / PSYCHOSOCIAL RESOURCES AND RISK FOR CARDIOVASCULAR DISEASE: FINDINGS FROM ACROSS THE LIFE COURSE
Chair: Julia K. Boehm, PhD
Discussant: Tara Gruenewald, PhD
Room: Parksville
1315 / Psychosocial Resources In Childhood And Weight Status Thirty Years Later
Julia K. Boehm, PhD

1476 / Association Between Psychological Resilience Following Childhood And Adolescent Adversity And Diurnal Salivary Cortisol In Young Adulthood
Kristen Nishimi, MPH

1312 / Optimism And Risk Of Hypertension: A Target For Primordial Prevention
Laura D. Kuzbansky, PhD

1779 / Childhood Disadvantage And Inflammation: An Examination Of Psychological Buffers Among Black And White Americans
Jennifer Boylan, PhD

Symposium 1401 / DIET ACROSS THE LIFESPAN: STRESS, METABOLIC HEALTH, AND COGNITION
Co-Chairs: Matt Lehrer, MS, Janet Tomiyama, PhD
Room: Port McNeill
1402 / Effects Of Stress On Eating Behavior In Adults And Children: Two Systematic Reviews And Meta-Analyses
Daryl B. O’Connor, PhD

1406 / Stress Eating Predicts Cardiometabolic Conditions Over A 7-9 Year Follow-Up
Matt Lehrer, MS

1403 / High-Fat Diet In The Context Of Aging Robustly And Negatively Impacts Amygdala Microglial Morphology And Function Causing Long-Term Amygdala-Dependent Memory Impairments
Ruth M. Barrientos, PhD

1405 / Baseline Associations Between Biomarkers, Neurocognitive Function, And Self-Regulation Indices In The Cognitive And Self-Regulatory Mechanisms Of Obesity Study (COSMOS)
Misty Hawkins, PhD

3:45pm – 3:55pm Transition
3:55pm – 5:25pm Concurrent Sessions

Invited Symposium: THE INTEROCEPTIVE MIND IN HEALTH AND DISEASE
Chair: Richard D. Lane, MD, PhD
Discussant: Hugo Critchley, MBChB DPhil FRSB FRCPsych
Speakers: Frederike Pettschner, PhD, Sarah Garfinkel, PhD, Sahib Khalsa, MD, PhD
Room: Grand Ballroom A

Paper Session: SOCIAL RELATIONSHIPS
Chair: Crista Crittenden, MPH, PhD
Room: Grand Ballroom B
1633 / Close Familial Relationships Decrease Risk Of Death For Widowers: Results From The National Social Life Health And Aging Project (NSHAP)
Atina Manvelian, MA

1833 / An Experimental Study Of The Physiological Effects Of Visible And Invisible Social Support Provided In-Person And Via Text Message
Emily D. Hooker, PhD

1060 / The Impact Of Romantic Partner’s Physical Proximity And Attachment Working Models On Cardiovascular Reactivity In The Laboratory
Kyle J. Bourassa, MA
1438 / Time-Varying Associations Between Sleep Quality And Affective States: Evidence For Dyadic Effects In The Everyday Lives Of Older Couples
Nadine Ungar, PhD

1831 / The Effect Of Sleep Quality On Daily Support Provision, Perceptions Of Responsiveness, And Relationship Quality In Romantic Couples
Heidi S. Kane, PhD

1134 / Testosterone To Cortisol Ratio And Aggression Toward One’s Romantic Partner After A Conflict Discussion: A Test Of The Moderating Effect Of Provocation
Andrew W. Manigault, MS

Paper Session: SLEEP
Chair: Judith Carroll, PhD
Room: Junior Ballroom D

1436 / Long-Term Sleep Disruption Following Hematopoietic Stem Cell Transplantation: Prevalence And Biobehavioral Predictors
Erin S. Costanzo, PhD

1342 / Poor Sleep Quality Is Associated With Failure To Suppress The Default Mode Network Under High Working Memory Demands In OEF/OIF/OND Veterans With A History Of Mild Traumatic Brain Injury
Holly K. Rau, PhD

1236 / Cardiometabolic And Sleep Pathways To Cognitive Functioning At Midlife
Lauren N. Whitehurst, PhD

1120 / Psychological And Health Correlates Of Night-To-Night Variability In Sleep In Nurses
Danica C. Slavish, PhD

1441 / Association Of Non-Restorative Sleep With Subjective Sensitivity To Environmental Noise
Daniel Fong, PhD

1570 / Parental Expectations Of Sleep Needs Linked To Children's Sleep Duration And Sleep Hygiene
Denise C. Jarrin, PhD

Paper Session: STRESS
Chair: Claudia Trudel-Fitzgerald, PhD
Room: Junior Ballroom ABC

1742 / Stress-Induced Transient Endothelial Dysfunction Is Associated With Adverse Outcomes In Coronary Artery Disease Patients
Bruno B. Lima, MD PhD

1518 / Reactivity To Acute Psychological Stress And Its Relationship To Future Health And Disease Outcomes: A Systematic Review Of Prospective Evidence
Anne I. Turner, PhD

1730 / Association Of Repeated Assessments Of Perceived Stress, Anxiety, And Anger With Subsequent Hospitalizations In Patients With Heart Failure: Three Year Follow-Up
David S. Krantz, PhD

1594 / Predicting Sick-Leave Rates At The Work-Group Level: Why Do Averaged Psychosocial Work Conditions Matter More Than Averaged Medical Conditions Or Group Average Health Behaviors?
Joachim E. Fischer, MD

1664 / Mobile Measurement Of Psychological Stress: An Exploratory Pilot Study Comparing Passive Mobile Phone Sensing Data With Biological And Self-Reported Stress
Michelle L. Byrne, PhD

Symposium 1001 / HOT TOPICS IN BRAIN-GUT INTERACTION
Co-Chairs: Maida J. Schweber, PhD, Susan Levenstein, MD
Room: Parksville

1029 / Brain Gut Microbiome Interactions In IBS
Emeran A. Mayer, MD

1028 / Food And Mood: Gastrointestinal Control Of The Human Reward System
Lukas Van Oudenhove, MD, PhD

1010 / Brain-Gut Psychotherapy
Laurie A. Keefer, PhD

1009 / Central Neuromodulators for Chronic GI Pain
Douglas A. Drossman, MD

5:25pm – 5:30pm Transition

5:30pm – 6:30pm Roundtables & Special Events

Roundtable: So...you want to get started in microbiome research. Now what?
Facilitators: Gerry Giesbrecht, PhD, Emeran Mayer, MD, Kirsten Tillisch, MD, Lisa Christian, PhD, Desiree Delgadillo-Chase
Room: Grand Ballroom A

Roundtable: Careers in Teaching Psychosomatic Medicine
Facilitators: Victoria Burns, PhD; Nataria Joseph, PhD; Marie Cross, Crista Crittenden, PhD
Room: Junior Ballroom D

Trainee Roundtable: Managing Your Social Media Presence
Facilitators: Misty Hawkins, PhD; Tamsyn Hawken, PhD; Charles Jonassaint, PhD
Room: Junior Ballroom ABC
Salon #1: Meet with the Professors
Please note: attendance is on a first-come, first-served basis.

Susan Lutgendorf & Mike Antoni
Room: Port Alberni

Lorenzo Cohen & Linda Carlson
Room: Port Hardy

Christoph Herrmann-Lingen & Bruce Rollman
Room: Gulf Islands A

Joel Dimsdale & Peter Shapiro
Room: Gulf Islands BC

6:30pm – 7:45pm
Poster Session 1
Posters #35-122 will be presented.
Room: Grand Ballroom CD

7:45pm – 9:00pm
Mentor/Mentee Program
You must have pre-registered for this event to attend. Please check at the APS Registration Desk for additional availability.
Room: 4th Floor, North Tower (Ports McNeill, Alberni & Hardy)

FRIDAY, MARCH 8

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

7:00am – 8:00am
Continental Breakfast
Grand Ballroom Foyer
Junior Ballroom Foyer

7:00am – 8:00am
Roundtables & Special Events

Wellness Activity: Morning Run with Linda Carlson
Meet: in hotel lobby
Note: if you are attending a WELLNESS Activity and haven’t completed a disclaimer yet, please visit the APS Registration Desk.

APS SIG Meeting: Affect Science in Medicine
Room: Gulf Islands BC

Trainee Roundtable: Careers in Psychosomatic Medicine
Organizers: Marie Cross, Jay Patel, Matthew Shay, MSc
Facilitators: Aimee Christie, PhD; Alyssa Cheadle, PhD; John Ruiz, PhD; Carissa Low, PhD, Sally Dickerson, PhD
Room: Junior Ballroom ABC

Roundtable: Communication Skills to Optimize the Patient-Provider Relationship
Facilitator: Douglas A. Drossman, MD
Room: Junior Ballroom D

8:00am – 8:15am
Data Blitz
Room: Grand Ballroom ABC
Best Trainee Posters of the Day Data Blitz! Each morning, we'll be kicking off the day with a data blitz. Be sure to come early and learn about some of our most exciting trainee poster presentations of the day in fast-paced 2 minute talks! Friday presenters include Rebecca Kim, BA, Kelly McReynolds, BA, Patricia Pedreira, BS, and Olivia Silke, BA

8:15am – 9:15am
Plenary

CARDIOVASCULAR DISEASE IN AFRICAN-AMERICANS: MIND-BODY (AND BODY-MIND) INSIGHTS
Introduction: A. Janet Tomiyama, PhD
Speaker: Tené Lewis, PhD
Room: Grand Ballroom AB

9:15am – 9:30am
Transition

9:25am – 10:25am
Plenary
2019 Presidential Address
Introduction: Peter A. Shapiro, MD
Speaker: Bruce L. Rollman, MD, MPH
Room: Grand Ballroom AB

10:25am – 10:30am
Transition

10:30am – 11:15am
Plenary
Patricia R. Barchas Award Lecture: Human Social Genomics
Introduction: Paige Green, PhD, MPH
Speaker: Steve Cole, PhD
Room: Grand Ballroom AB

11:15am – 11:30am
Refreshment Break
Grand Ballroom Foyer
Junior Ballroom Foyer

11:30am – 12:30pm
Concurrent Sessions
Invited Symposium: PSYCHOSOMATIC MEDICINE APPROACHES TO SICKLE CELL ANEMIA
Chair: Tené Lewis, PhD
Speakers: Cecelia Valrie, PhD, Shawn Bediako, PhD, and Charles Jonassaint, PhD
Room: Grand Ballroom A

Paper Session: NEUROSCIENCE
Chair: Keely A. Muscatelli, PhD
Room: Grand Ballroom B

1668 / Looking For Semantic Memories In The Brain Of Typical And Atypical Children With Machine Learning
Dmitrii Paniukov, PhD

1728 / Distinct Brain Based Chronic Pain Subgroups Associated With Widespread Pain
Jennifer S. Labus, PhD

1258 / Ventromedial Prefrontal Cortex Connectivity During And After Psychological Stress
Annie T. Ginty, PhD

1607 / Brain Correlates Of Angina During Acute Mental Stress
Bruno B. Lima, MD, PhD
**Paper Session: INFLAMMATION**
*Chair: Peggy Zoccola, PhD*
*Room: Junior Ballroom ABC*

1750 / The Mechanistic Role Of Inflammation On The Association Between Cardiac Vagal Activity And The Lipid Accumulation Product

Dewayne P. Williams, PhD

1772 / An Inflammatory Pathway Links Retrospective Recall Of Childhood Physical Abuse With Resting Corticolimbic Connectivity In Midlife Adults

Thomas E. Kraynak, MS

1033 / Psychosocial Correlates Of Inflammation In Ethnic And Racial Minorities: A Systematic Review

Devika R. Jutagir, PhD

1373 / Positive Association Of Pro-Inflammatory Processes With Psychosocial Well-Being In Highly Functional Nonagenarians

Nicolas Rohleder, PhD

**Symposium 1384 / UNPACKING THE INFLUENCE OF STRESS ON SLEEP: DO EMOTION AND STRESSOR CHARACTERISTICS PLAY A ROLE?**
*Co-Chairs: Kate A. Leger, PhD, Brooke Jenkins, PhD*
*Discussant: Martica Hall, PhD*
*Room: Junior Ballroom D*

1386 / Affective Recovery from Stress and its Associations with Sleep

Kate A. Leger, PhD

1449 / The Stress Buffering Effect of Positive Affect on Sleep: Considering Arousal Level of Positive Affect

Brooke N. Jenkins, PhD

1422 / Impact of perceived and anticipated discrimination on global sleep quality among Latinx young adults

Aric A. Prather, PhD

**Paper Session: AMBULATORY BLOOD PRESSURE**
*Chair: Matthew R. Cribbet, PhD*
*Room: Port McNeill*

1693 / Is Rumination Bad For Your Health? Comparing Trait And Momentary Assessments Of Rumination On Ambulatory Blood Pressure

Matthew J. Zawadzki, PhD

1548 / The Relationship Between Trait Hostility And Ambulatory Blood Pressure And Momentary Affective Health Varies By Location

Amanda K. Small, BA

1643 / Leisure Promotes Ambulatory Blood Pressure Dipping: A Within-Person Randomized Field Experiment

Marcellus M. Merritt, PhD

1816 / Examining The Associations Between Objective Sleep And Ambulatory Blood Pressure In A Community Sample Over Time

Caroline Y. Doyle, MA

**Panel Session: EMOTION AFTER MI: Interventions, Recurrent Events, and Mortality. State of The Field 2019**
*Speakers: Peter A. Shapiro, MD, Jeff C. Huffman, MD*
*Room: Parksville*

12:30pm – 1:30pm / Lunch on your own & Special Events

**Psychosomatic Medicine Editorial Board Meeting (by invitation only)**
*Room: Port Alberni*

**APS Committee Meeting:**
*Membership*
*Room: Gulf Islands A*

12:45pm – 1:15pm / Wellness Activity: Mindfulness Approaches to Releasing us from Scientific Biases with Eric Loucks
*Room: Grand Ballroom A*

*Note: if you are attending a WELLNESS Activity and haven’t completed a disclaimer yet, please visit the APS Registration Desk.*

1:30pm – 2:45pm / Concurrent Sessions

**Invited Symposium: CARDIOVASCULAR STRESS REACTIVITY AND HEALTH: WHERE ARE WE NOW?**
*Chair: Anna C. Whittaker, PhD*
*Panelists: Brian Hughes, PhD, William Lovallo, PhD, Annie Ginty, PhD, Andrew Steptoe, DSc, and Karen Quigley, PhD*
*Room: Grand Ballroom A*

**Symposium 1044 / THE NECESSARY INSEPARABILITY OF MIND AND BODY: IMPLICATIONS OF COMPUTATIONAL NEUROSCIENCE FOR PSYCHOSOMATIC MEDICINE**
*Chair: Sarah N. Garfinkel, PhD*
*Discussant: Richard Lane, MD, PhD*
*Room: Grand Ballroom B*

1089 / The Role Of Somatic Error In Interoceptive Psychopathology

Sahib S. Khalsa, MD, PhD

1094 / Computational Modelling Of Interoception Offers Fresh Insight Into Psychological Determinants Of Cardiovascular Risk

Hugo D. Critchley, DPhil

1232 / Predicting Our Heart

Frederike Petzschner, PhD

1129 / An Embodied Neurocomputational Framework For Organically Integrating Biopsychosocial Processes

Ryan S. Smith, PhD

**Symposium 1155 / BIOLOGICAL EMBEDDING OF EARLY LIFE ADVERSITY ACROSS THE LIFESPAN**
*Co-Chairs: Jennifer A. Sumner, PhD, Shakira Suglia, ScD*
*Discussant: Lisbeth Nielsen, PhD*
*Room: Junior Ballroom ABC*

1282 / Do Early Life Adversity Exposures Predict Pubertal Timing?

Maria E. Bleil, PhD
FRIDAY, MARCH 8 continued

1283 / Early Experiences of Threat, Not Deprivation, Are Associated with Accelerated Biological Aging in Children and Adolescents
   Jennifer A. Sumner, PhD

1284 / Child Maltreatment and Inflammatory Response to Mental Stress
   Shakira F. Suglia, ScD

1285 / Early Life Adversity As A Risk Factor For Ill Health And Elevated Inflammation: Risk And Protective Factors
   Aoife O’Donovan, PhD

Paper Session: MENTAL HEALTH
Chair: Matthew Shay, MSc
Room: Junior Ballroom D

1726 / Racial Differences In The Effectiveness Of Computerized Cognitive Behavioral Therapy For Mental Health Disorders
   Charles R. Jonassaint, PhD

1227 / Predictors Of Behavioral Treatment Resistance In Ptsd: A Monocyte Genomics Expression Signature
   Kirstin Aschbacher, PhD

1114 / Increased Rates Of Reward-Relevant Life Events Predict Neural Risk For Bipolar Disorders In Reward-Hypersensitive Individuals
   Iris Ka-Yi Chat, MA

1425 / Lifetime Stress Exposure Is Associated With Number Of Lifetime Suicide Attempts In Psychiatric Outpatients With Suicidal Ideation: A Stressor Characteristics Approach
   Tory A. Eisenlohr-Moul, PhD

1501 / Intergenerational Associations Between Lifetime Stress Exposure In Mothers With Varying Depression History And Their Daughters
   Mark R. Libowitz, BS

Late Breaking: RESEARCH IN CULTURE & DISCRIMINATION
Chair: Jennifer Boylan, PhD
Room: Port McNeill

1801 / Day-To-Day Fluctuations In Experiences Of Discrimination: Associations With Sleep And The Moderating Role Of Internalized Racism Among African American College Students
   Thomas E. Fuller-Rowell, PhD

1832 / Racism, Social Cognition And Depression: Results Of A Pilot Longitudinal Study
   Elizabeth Brondolo, PhS

1830 / Culture And Stress Reactivity: An Examination Of Simpatia
   Amanda M. Acevedo, BA

1752 / Do Social Network Measures Or Social Support Explain The Ethnic Density Effect On Health For Older Latinxs And Others?
   Melissa Flores, PhD

1656 / For Better Or For Worse: Marital Status Predicts Infant Birth Weight For Pregnant Hispanic Women
   Ryan L. Brown, BA

Symposium 1212 / BEYOND PANIC: AN UPDATE ON THE PROGNOSIS, RISK FACTORS AND TREATMENT OF PATIENTS WITH NON-CARDIAC CHEST PAIN
Chair: Guillaume Foldes-Busque, PsyD, PhD
Room: Parksville

1213 / Prognosis Of Non-Cardiac Chest Pain In The 12 Months Following A Consultation In An Emergency Department
   Guillaume Foldes-Busque, PsyD, PhD

1314 / Psychological Profiles Of Patients With Non-Cardiac Chest Pain: A 1-Year Follow-Up Study
   Marie-Andrée Tremblay, BA

1352 / Explaining Non-Cardiac Chest Pain Related Impairment In Patients With Comorbid Anxiety Disorder
   Stéphanie Hamel, BA

1316 / Feasibility And Impact Of A Brief Cognitive-Behavioral Intervention In Conjunction With An Aerobic Exercise Program For Managing Non-Cardiac Chest Pain: A Pilot Study
   Joanne Castonguay, BA

2:45pm – 3:00pm Refreshment Break
Grand Ballroom Foyer
Junior Ballroom Foyer

3:00pm – 4:00pm Concurrent Sessions

Symposium 1397 / NEW PERSPECTIVES ON REDUCING STRESS
Chair: Keely A. Muscatell, PhD
Room: Grand Ballroom A

1575 / Self-Affirmation Reduces Neural Threat Responding And Self-Reported Stress, And Enhances Performance To An Evaluative Stressor
   Janine M. Dutcher, PhD

1398 / Effects Of A Generativity Intervention On Inflammation And Well-Being In Older Women
   Mona Moieni, PhD

1567 / Effects Of Beta-Adrenergic Receptor Blockade On Psychological And Physiological Responses To Acute Social Stress
   Keely A. Muscatell, PhD

1454 / Prepared Safety As A Buffer Against Stress: Examining The Role Of Physical Warmth During Fear Learning
   Erica A. Hornstein, PhD

This year, there is no cost to attend ROUNDTABLE sessions, which are first-come, first-served. We have also moved all roundtables to either breakfast or to late afternoon, to free up the lunch hour for catching up with colleagues, building collaborations, and enjoying beautiful Vancouver.
Symposium 1442 / PAIN-RELATED FEAR, AVOIDANCE, AND DECISION-MAKING: NOVEL INSIGHTS FROM ASSOCIATIVE LEARNING, COMPUTATIONAL MODELING AND BRAIN IMAGING
Chair: Ann Meulders, PhD
Room: Grand Ballroom B

1443 / What Drives Your Pain Report? Decision Parameters And Their Relation To Self-Reported Pain
Jonas Zaman, PhD

1444 / How Instructions, Learning, And Anxiety Shape Pain And Pain-Related Response
Lauren Y. Atlas, PhD

1445 / Response To Learned Threat In Youth With Chronic Pain
Laura Simons, PhD

1446 / Generalization Of Pain-Related Avoidance Behavior To Novel Contexts And Similar Movements
Ann Meulders, PhD

Panel Session: HOW CAN QUALITATIVE METHODOLOGIES ADVANCE THE EXCELLENCE & RELEVANCE OF PSYCHOSOMATIC MEDICINE RESEARCH?
Speakers: Joanna Brooks, PhD, Sarah Peters, PhD, and Alison Wearden, PhD
Room: Parksville

Paper Session: NEW DEVELOPMENTS IN INTERVENTION RESEARCH
Chair: Linda Carlson, PhD
Room: Port McNeill

1571 / Mechanisms Of Change In Therapist And Web Delivered Cognitive Behavioural Therapy (CBT) For Irritable Bowel Syndrome (IBS): Process Analysis From The Actib Randomised Controlled Trial (RCT)
Rona Moss-Morris, PhD

1593 / Exploring Floatation-REST As A Novel Intervention For Anxiety Sensitivity
Justin S. Feinstein, PhD

1702 / Exploring The Immunological Effects Of Floatation-REST And Its Interaction With Anxiety Sensitivity
M C. Flux, MS, MA

1493 / Psychogenic Nonepileptic Seizures In Youth: Psychophysiology Characteristics & Biofeedback Training Outcomes
Tyson R. Sawchuk, MS

Panel Session: A CALL TO ACTION: EMBRACING CULTURALLY INCLUSIVE BIOBEHAVIORAL RESEARCH
Speakers: Danielle L. Beatty Moody, PhD, LaBarron K. Hill, PhD, Tené T. Lewis, PhD, Julian Thayer, PhD, John M. Ruiz, PhD
Room: Junior Ballroom ABC

Paper Session: BIOPSYCHOLOGY IN PATIENT POPULATIONS
Chair: Nathalie Moise, MD
Room: Junior Ballroom D

1674 / Development And Psychometric Evaluation Of The Psychosocial Screening Instrument For Adult Trauma Patients (PSIT)
Maria Karabatzakis, MSc

1773 / C Reactive Protein And Its Association With Depression In Patients Receiving Treatment For Metastatic Lung Cancer
Daniel Mcfarland, DO

1319 / Associations Of Atypical Depressive Symptoms With Insulin Resistance In Depressed Primary Care Patients
Aubrey L. Shell, BA

1621 / Changes In Salivary Cortisol Levels In Patients With An Implantable Cardioverter Defibrillator: Associations With Clinical Characteristics And Depressive Symptoms
Willem J. Kop, PhD

4:00pm – 4:10pm Transition
4:10pm – 5:25pm Concurrent Sessions

Invited Symposium: Contemporary Perspectives on Stress and the Next Generation of Stress Measurement
Moderator: Aric Prather, PhD
Panelists: George Slavich, PhD; Wendy Berry Mendes, PhD, Julian Thayer, PhD, Suzanne Segerstrom, PhD, MPH
Room: Grand Ballroom A

Symposium 1116 / RACE/ETHNICITY AND THE EFFECT OF PROTECTIVE FACTORS AND RISK FACTORS ON HEALTH: "DIMINISHING RETURNS" IN MATERNAL-CHILD HEALTH
Chair: Kharah M. Ross, PhD
Room: Junior Ballroom ABC

1429 / Racial Differences in Blood Pressure Sensitivity to Psychosocial Factors During Pregnancy
Anna M. Strahm, MS

1187 / Socioeconomic status and gestational length in Indigenous and White women: Evidence for "Widening Health Disparities"
Kharah M. Ross, PhD

1117 / Maternal Sleep, Depressive Symptoms, and Risk for Spontaneous Early Birth: Implications for Racial Disparities in Birth Outcomes
Lisa M. Christian, PhD

1143 / Stress Management Intervention Effects on Cortisol Patterns among Latina and Non-Latina Mothers and their Infants
Guido Urizar, PhD
Symposium 1306 / RESPIRATION AT THE MIND - BODY INTERFACE: BASIC FINDINGS AND TREATMENT APPLICATIONS
Co-Chairs: Thomas Ritz, PhD, Juliet Kroll, MA
Discussant: J. Richard Jennings, PhD
Room: Grand Ballroom B

1320 / Effects Of Hyperventilation and Brief Respiratory Training on Vasovagal Reactions to Blood Donation
Blaine Ditto, PhD

1376 / Effects Of Depression On Airway Function In Asthma: Exploring Neural And Immune Pathways
Bruce D. Miller, MD

1552 / Exploring Central Nervous System Processing Of Emotion In Asthma: Potential For A Blunted Neural Response
Juliet L. Kroll, MA

1591 / Subcortical Gray Matter Volume In Asthma: Associations With Disease History, Fear Of Asthma, Clinical Outcomes, And Anxiety Response To Stress-Induction
Thomas Ritz, PhD

1647 / Training In Slow (6/Min) Breathing Improves General Resilience
Paul M. Lehrer, PhD

Paper Session: DEPRESSION
Chair: Ian Kronish, MD, MPH
Room: Junior Ballroom D

1308 / Gut Leakiness Predicts Women's Depressive Symptoms One And Two Years Later
Annelise Madison, BA

1745 / Lung Cancer Biology And Its Association With Depression And Systemic Inflammation
Daniel C. Mcfarland, DO

1475 / Baseline Frailty Predicts Sleep Fragmentation, Self-Rated Health, And Depressive Symptoms: Results From A Nationally Representative Prospective Cohort Of Older Adults
Jennifer L. Guida, PhD

1605 / Longitudinal Persistence And Dimensions Of Depressive Symptoms: Associations With Hair Cortisol And Plasma C-Reactive Protein
Eleonora Iob, MSc

1119 / Association Between Immigrant Status And Antidepressant Use In U.S. Adults: NHANES 2005-2014
Jay S. Patel, MS

Paper Session: PAIN
Chair: Mark A. Lumley, PhD
Room: Port McNeill

1123 / Impact Of A Comprehensive Lifestyle Intervention On Pain, Depressed Mood, Stress, Inflammation, And Telomeric Activity For Individuals With Chronic Pain
Katrina R. Hamilton, MS

1383 / The Effects Of A Pain Psychology And Neuroscience Self-Evaluation Intervention: A Randomized Clinical Trial
Christopher P. Urbanik, BA

1678 / Identify Functional And Anatomical Regional Brain Network Properties Are Associated With Widespread Pain
Jennifer Labus, PhD

1734 / Care Management For The Effective Use Of Opioids (Cameo): A Randomized Trial
Matthew J. Bair, MD

1612 / The Role Of Autonomic Dysfunction And Responses Of Inflammation To Mood, Pain, Fatigue, And Autonomic Function In FM And ME/CFS
Kristy Themelis, PhD

5:25pm – 5:30pm Transition

5:30pm– 6:30pm Roundtables & Special Events
Roundtable: Getting Started in Computational Neuroscience
Chair: Richard Lane, MD, PhD
Panel: Hugo Critchley, DPhil, FRCPsych; Sarah Garfinkel, PhD; Sahib Khalsa, PhD; Fredenke Petzschner, PhD; Ryan Smith, PhD
Room: Grand Ballroom A

Roundtable: Minority Women in Health Sciences: A Conversation Between APS Members & The APA Division 38 Society for Health Psychology Diversity Council
Facilitators: Patricia I. Moreno, PhD, Marcia M. Tan, PhD, MPH, Diana A. Chirinos, PhD, Luz M. Garcini, PhD
Room: Junior Ballroom ABC

Salon #2: Meet with the Professors
Please note: attendance is on a first-come, first-served basis.

Andrew Steptoe & Julian Thayer
Room: Junior Ballroom D

Suzanne Segerstrom & Laura Kubzansky
Room: Port Hardy

Martica Hall & Anna Marsland
Room: Gulf Islands A

Wellness Activity: Art Making with Johanna Czamanski-Cohen
Room: Port Alberni
Note: if you are attending a WELLNESS Activity and haven't completed a disclaimer yet, please visit the APS Registration Desk.

6:30pm – 6:45pm Remembering John Cacioppo
Room: Grand Ballroom Foyer
### FRIDAY, MARCH 8 continued

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>6:30pm – 7:45pm</td>
<td><strong>Poster Session 2</strong>&lt;br&gt;Posters #123-218 will be presented.</td>
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<td><strong>Room:</strong> Grand Ballroom</td>
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<td>7:30pm</td>
<td><strong>SIG Meeting:</strong> Emerging Leaders&lt;br&gt;<strong>Room:</strong> Bar One</td>
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<td>7:45pm</td>
<td><strong>Past Leaders Dinner</strong>&lt;br&gt;Offsite <em>(invitation only)</em>&lt;br&gt;Meet in lobby at 7:45 or pick up map at APS Registration Desk</td>
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### SATURDAY, MARCH 9

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<th>Time</th>
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<tr>
<td>7:00am – 6:00pm</td>
<td><strong>Annual Meeting Registration</strong>&lt;br&gt;<strong>Lower Lobby</strong></td>
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<td>7:00am – 8:00am</td>
<td><strong>Continental Breakfast</strong>&lt;br&gt;<strong>Grand Ballroom Foyer</strong>&lt;br&gt;<strong>Junior Ballroom Foyer</strong></td>
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<td>7:00am – 8:00am</td>
<td><strong>Roundtables &amp; Special Events</strong>&lt;br&gt;<strong>Roundtable:</strong> Psychological Therapy for Centralized Pain: An Integrative Assessment and Treatment Model&lt;br&gt;<strong>Facilitator:</strong> Mark Lumley, PhD&lt;br&gt;<strong>Room:</strong> Junior Ballroom ABC</td>
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<td><strong>Roundtable:</strong> Balancing Teaching and Scholarship at R3, M1/M2/M3, and Baccalaureate Institutions&lt;br&gt;<strong>Facilitators:</strong> Julie K. Cremers-Smith, PhD, Alyssa D. Cheadle, PhD, Christine Guardino, PhD&lt;br&gt;<strong>Room:</strong> Junior Ballroom D</td>
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<tr>
<td>11:00am – 12:15pm</td>
<td><strong>Poster Session 3</strong>&lt;br&gt;Posters #219-310 will be presented and a lite lunch will be offered&lt;br&gt;<strong>Room:</strong> Grand Ballroom AD</td>
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<td>Attendees are invited to enjoy a lite lunch while viewing the posters during the final poster session of the meeting. Poster presenters should remove their posters no later than 1:45pm or they will be taken down, and stored until the end of the day, however the integrity of posters left after 1:45pm cannot be guaranteed.</td>
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<td>12:15pm – 1:30pm</td>
<td><strong>Concurrent Sessions</strong>&lt;br&gt;<strong>Symposium 1182 / A MECHANISM-FOCUSED APPROACH TO BEHAVIORAL INTERVENTION RESEARCH: PROMOTING HEALTH BY ENGAGING KEY UNDERLYING PROCESSES</strong>&lt;br&gt;<strong>Co-Chairs:</strong> Lisbeth Nielsen, PhD, Paige Green, PhD, MPH&lt;br&gt;<strong>Room:</strong> Grand Ballroom A</td>
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<td><strong>Symposium 1101 / MINDFULNESS AND CARDIOVASCULAR HEALTH: OUTCOMES, MECHANISMS &amp; INDIVIDUAL DIFFERENCES</strong>&lt;br&gt;<strong>Chair:</strong> Jeffrey Greeson, PhD&lt;br&gt;<strong>Discussant:</strong> Maria Llabre, PhD&lt;br&gt;<strong>Room:</strong> Junior Ballroom ABC</td>
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<td>8:00am – 8:15am</td>
<td><strong>Data Blitz</strong>&lt;br&gt;<strong>Room:</strong> Grand Ballroom A/B&lt;br&gt;Best Trainee Posters of the Day Data Blitz! Each morning, we'll be kicking off the day with a data blitz. Be sure to come early and learn about some of our most exciting trainee poster presentations of the day in fast-paced 2 minute talks! Saturday presenters include Kelsey Corallo, BS, Drake Levere, MA, Michael Parrish, MA, and Hillary Rowe, BSc</td>
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<td>9:05am – 9:55am</td>
<td><strong>Plenary</strong>&lt;br&gt;<strong>Herbert E. Weiner Early Career Award Lecture:</strong> An Inflammatory Story: How Traumatic Stress Causes Ill Health&lt;br&gt;<strong>Introduction:</strong> Thomas Neylan, MD&lt;br&gt;<strong>Speaker:</strong> Aoife O’Donovan, PhD&lt;br&gt;<strong>Room:</strong> Grand Ballroom A/B</td>
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<td>10:00am – 10:50am</td>
<td><strong>Plenary</strong>&lt;br&gt;<strong>Paul D. McLean Award Lecture:</strong> On the Nature of Feeling&lt;br&gt;<strong>Introduction:</strong> Hugo D. Critchley, DPhil, FRCPs&lt;br&gt;<strong>Speaker:</strong> Antonio Damasio, MD, PhD&lt;br&gt;<strong>Room:</strong> Grand Ballroom A/B</td>
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1105 / Moderating Effects of Trait Mindfulness & Compassion on Biological Responses to Emotional Stress: Implications for CVD Risk
Jeffrey Greeson, PhD

1104/ The Mindful Heart Study: Results From A Pilot Randomized Controlled Trial Of Mindfulness-Based Stress Reduction For Cardiac Patients
Susan A. Everson-Rose, PhD

Symposium 1522 / BIOBEHAVIORAL AND NEUROBIOLOGICAL MECHANISMS OF PLACEBO EFFECTS
Chair: Andrea Evers, PhD
Discussant: Madelon Peters, PhD
Room: Junior Ballroom D

1523 / The Role Of Placebo Effect Of Oxytocin And Exogenous Oxytocin On The Brain Activity: An FMRI Study
Aleksandrina Skvortsova, MSc

1524 / Placebo Effects Elicited By Classical Conditioning Of Antihistaminergic Effects For Itch
Stefanie H. Meeuwis, MSc

1525 / Cue And Treatment Expectations In Pain Modulation
Elizabeth A. Necka, PhD

1526 / Healthy, Pathological And Extreme Physical Performances: The Role Of Placebo Effects
Alessandro Piedimonte, PhD

LATE BREAKING CLINICAL TRIALS 2: CANCER RESEARCH
Moderator: Johanna Czamanski-Cohen, PhD
Room: Grand Ballroom B

1039 / The Seamless Study: A Clinical Trial Evaluation Of A Smartphone App-Based Mindfulness Intervention For Cancer Survivors
Utkarsh Subnis, PhD

1447 / Participant Retention and Adherence In Behavioral Trials: Early Results from an Ongoing Preference-Based Comparative Effectiveness Trial of Mindfulness Based Cancer Recovery vs. TaiChi/Qigong for Cancer Survivors (The Match Study)
Devesh V. Oberoi, PhD

1589 / Development And Pilot Test Of A Brief Behavioral Intervention For Distressed Patients Undergoing Surgery For Gastrointestinal Cancer
Chelsea G. Ratcliff, PhD

1811 / The Effects Of A Cognitive Behavioral Intervention On Worry About Cancer Progression Among Women With Gynecologic Malignancies
Chantel M. Ulfig, MS

1822 / Kindness To Others Or To Oneself: An Online Pilot Randomized Controlled Trial To Enhance Well-Being In Breast Cancer Survivors
Marcie D. Haydon, MA

Paper Session: PRENATAL FACTORS & CHILD OUTCOMES
Chair: Clayton Hilbert, PhD
Room: Port McNeill

1672 / Prospective Associations Between Prenatal Maternal Cortisol And Child Health
Hannah M. Schreier, PhD

1649 / Prenatal Maternal DHEA Moderates Associations Between Prenatal Cortisol And Infant Temperament
Laura Glynn, PhD

1517 / Effects Of A Prenatal Mindfulness Intervention On Infant Stress Physiology And Behavioral Regulation In A Low-Income, Multi-Ethnic, High-Stress Sample
Nicole R. Bush, PhD

1226 / Maternal Mindful Disposition, Perceived Stress, Alpha Amylase, And Cortisol: A Longitudinal Analysis On Maternal And Infant Stress Response
Olivia Silke, BA

1047 / Systematic Review And Meta-Analysis Of Associations Between Pregnancy-Related Anxiety And Child Development
Stephana J. Cherak, MSc

1765 / The Impact Of Prenatal Maternal Stress On Regulation Development: A Follow Up Of The 2009 Red River Flood Study
Angela G. Bagne, MS

Symposium 1394 / LINKED LIVES, BODIES, AND MINDS: HEALTH CONSEQUENCES AND BOUNDARY CONDITIONS OF PHYSIOLOGICAL SIMILARITY AND SYNCHRONY IN CLOSE RELATIONSHIPS
Co-Chairs: Stephanie J. Wilson, PhD, Kuan-Hua Chen, PhD
Discussant: Melissa Gerald, PhD
Room: Port Alberni

1431 / Diminished Physiological Linkage Between Patients With Behavioral Variant Frontotemporal Dementia And Their Caregivers
Kuan-Hua Chen, PhD

1432 / Long-Term Health And Relationship Outcomes Of Physiological Synchrony In Older Couples
Theresa Pauly, MA

1430 / For Better And Worse? The Importance Of Closeness, Satisfaction, And Age In Spouses’ Cardiometabolic Similarity
Stephanie J. Wilson, PhD

1:30pm – 1:45pm Break
1:45pm – 3:15pm  Concurrent Sessions

Paper Session: HEALTH BEHAVIORS
Chair: Crista Crittenden, MPH, PhD
Room: Junior Ballroom D

1434 / The Day-Level Association Between Affective States, Self-Reported Time In Exercise, And Diurnal Cortisol Rhythm In Adults In The United States
Cheng K. Fred Wen, PhD

1124 / Exploring The Effects Of Physical Activity And Psychological Stress On The Prevalence Of Psychological And Physical Health Conditions In A Nationally Representative Sample
Benjamin A. Hives, BKin

1220 / Sex Differences In The Stimulated Cytokine Response To Aerobic Exercise Training
Richard P. Sloan, PhD

1042 / Too Much On Your Plate: Food As A Stressor For Women With Body Image Concerns
Mora A. Reinka, MS

1597 / Impact Of Menstrual Cycle Phase On Food Cue-Elicited Brain Potentials
Jana Strahler, PhD

1652 / Short Sleep Duration In The Month Following Acute Coronary Syndrome Is Associated With 6-Month Hospital Readmission Risk
Ari Shechter, PhD

Symposium 1411 / EMOTION REGULATION AND VARIABILITY IN RELATION TO DAILY STRESSORS AND HEALTH
Co-Chairs: Claudia Trudel-Fitzgerald, PhD, Lewina Lee, PhD
Discussant: Aric Prather, PhD
Room: Grand Ballroom A

1415 / Optimism, Stress, And Affective Dynamics: Prospective Findings From The VA Normative Aging Study
Lewina O. Lee, PhD

1417 / Emotion And Cortisol Dynamics And Daily Stress In A National Sample Of Adults
Rebecca G. Reed, PhD

1416 / Emotional Vulnerability To Short Sleep Predicts 10-Year Change In Functional Status
Nancy L. Sin, PhD

1414 / Death Of Anger: Anger Frequency And Expression, And Cause-Specific Mortality Risk
Claudia Trudel-Fitzgerald, PhD

Symposium 1362 / MECHANISMS OF POSTTRAUMATIC STRESS DISORDER AND CARDIOVASCULAR DISEASE: IS IT THE CHICKEN OR THE EGG?
Co-Chairs: J. Douglas Bremner, MD, Viola Vaccarino, MD, PhD
Room: Junior Ballroom ABC

1364 / “PTSD In Patients With Acute Coronary Syndromes And Cardiovascular Disease: What Comes First?”
Donald Edmondson, PhD

1365 / Posttraumatic Stress Disorder After Myocardial Infarction: Onset And Pathways Of Risk
Viola Vaccarino, MD, PhD

1366 / Longitudinal Assessment of PTSD and Cardiovascular Disease
Beth Cohen, MD

1367 / Novel Multi-Modality Imaging Of The Brain, Peripheral Vasculature And Cardiovascular System In Patients With PTSD On Cardiovascular Disease
Zahi A. Fayad, MD

Paper Session: CANCER
Chair: Linda E. Carlson, PhD
Room: Grand Ballroom B

1437 / Rural Residence Is Related To Poorer Quality Of Life And Shorter Survival In Epithelial Ovarian Cancer Patients
Susan K. Lutgendorf, PhD

1509 / The Association Between Body Mass Index (BMI), Quality Of Life, And Cancer Symptoms In Women With Breast Cancer
Emalee Kiser, MA

1721 / Spontaneous Increase In Self-Compassion Is Associated With Fewer Symptoms And Improved Well-Being In Cancer Survivors
Mimi Mehlsen, PhD

1428 / Associations Between Disease-Specific Coping Strategies And Sleep Outcomes Among Lung Cancer Patients
Alyssa K. Choi, BA

1753 / Examining Mediators Of The Effect Of Coping Strategies On Quality Of Life For Women Undergoing Chemotherapy For Breast Cancer
Melissa Sartain, BS

1163 / The Use Of The Center For Epidemiological Studies-Depression Scale For Screening Advanced Cancer Patients
Jennifer L. Steel, PhD

Paper Session: CHILD & ADOLESCENT HEALTH
Chair: Jennifer J. McGrath, PhD, MPH
Room: Port McNeill

1407 / Early Childhood Mental Health And Cardiometabolic Dysregulation At Age 9: A Prospective Cohort Study
Farah Qureshi, MHS
1255 / Dispositional Coping Predicts Stress Reactivity In Overweight/Obese Adolescents
Tiwaloluwa A. Ajibewa, MS

1300 / Overweight And Obese Adolescents Decrease Calorie Consumption In Response To An Acute Laboratory Stressor
Rebecca E. Hasson, PhD

1774 / Dim Light Melatonin Onset Markers To Quantify Circadian Phase In Children And Adolescents
Joanne Ramil, BSc

1395 / Insomnia Severity Index Adapted For Children: Preliminary Validation In Children Aged 8 To 12 Consulting In Child Psychiatry
Karolane Renaud, PhD Student

1551 / Adolescent And Parent "Shift-And-Persist" Scores Are Associated With Adolescent Antibody Response To Influenza Vaccination
Sarah M. Lyle, MS

Symposium 1335 / LGBT HEALTH
Co-Chairs: Robert-Paul Juster, PhD, Mark Hatzenbuehler, PhD
Room: Port Alberni

1684 / Minority Stress Theory Turns 15: A Systematic Review Of Associations Between Minority Stress Constructs And Mental Health Outcomes Among Sexual Minorities
Travis Salway, PhD

1666 / LGBT Stress, Non-LGBT Stress, And Diurnal Cortisol: Examining The Effects Of Daily Stressors On Diurnal Cortisol In A Sample Of Sexual Minority Young Adults
Wilson Figueroa, PhD

1336 / Stress Biomarker Research Among Lesbian, Gay, Bisexual, And Transgender People
Robert-Paul Juster, PhD

1842 / Geopolitical And Psychosocial Indicators Of Perceived Distress, Mental Health, And Allostatic Load Among Transgender Men
L. Zachary DuBois, PhD

3:15pm – 3:30pm Refreshment Break
Junior Ballroom Foyer

3:30pm – 4:30pm Concurrent Sessions

Paper Session: EMOTION
Chair: Sara Levens, PhD
Room: Port McNeill

1273 / Stressed? Maybe Skip The Coffee: The Interactive Effects Of Caffeine And Chronic Stress On Responses To Emotional Stimuli
Lydia G. Roos, MA

1329 / Resting Heart Rate Variability And Avoiding Emotional Experiences: The Differential Role Of Trait Anxiety Between Sexes
Nicholas P. Joseph, MA

1128 / Physiological And Emotional Responses To Anger Recall In Socially Inhibited Adults
Stefanie Duijndam, MSc

1353 / Is Recall Bias Similar For Emotions And Pain? Evidence From Studies Among Patients With Chronic Pain
Marta Walentynowicz, PhD

Paper Session: CHANGING HEALTH BEHAVIORS
Chair: Julia Boehm, PhD
Room: Junior Ballroom D

1014 / Randomized Clinical Trial Of Brief Behavioral Treatment For Insomnia In Heart Failure
Kristie M. Harris, PhD

1692 / Changing Eating Behavior In Canteens For Good: Preliminary Results From A Multimodal Complex Intervention
Joachim E. Fischer, MD

1343 / Text Messaging Interventions To Increase Physical Activity: A Systematic Review And Meta-Analysis
Christopher M. Celano, MD

1704 / Identifying Common Versus Specific Genetic Influences On Substance Use: A Genetically Informed Approach
Eleonora Iob, MSc

Symposium 1727 / DEPRESSION RISK AND PREVENTION IN BREAST CANCER PATIENTS
Co-Chairs: Karen L. Weihs, MD, Annette Stanton, PhD
Discussant: Janine Giese-Davis, PhD
Room: Junior Ballroom ABC

1731 / Coping Profile Transitions And Depressive Symptoms In The Year Following Breast Cancer Diagnosis
Jacqueline H. Kim, PhD

1732 / Heart Rate Variability Interacts With Contextual Life Stress To Predict Depressive Symptoms: A Prospective Cohort Study In Women With Breast Cancer
Joshua Wiley, PhD

1733 / An Intervention Targeting Cancer-Related Coping And Emotion Regulation In Breast Cancer Patients At Risk For Depression
Mairead H. McConnell, MA

Symposium 1141 / NUTRITION AND MENTAL HEALTH IN CHILDREN AND YOUTH
Chair: Gerald Giesbrecht, PhD
Discussant: Paul Veugelers, PhD
Room: Port Alberni

1164 / Choline Intake During Pregnancy Buffers The Impact Of Stress On Maternal And Infant Cortisol Reactivity
Jenna Thomas-Argyriou, MSc

1260 / Nutritional And Dietary Interventions For Mood Disorders In Youth
Taban Salem, PhD
1261 / Nutrient Supplementation For Irritability, Inattention, And Post-Natural Disaster Stress In Youth
Jeanette Johnstone, PhD

Panel Session: COLUMBIA STAGES OF BIOPSYCHO-SOCIAL AWARENESS: (CS-BPSA): A Conceptual Model and a Tool for Clinical Practice and Research
Speakers: Alla Landa, PhD and Douglas Drossman, MD
Room: Parksville

4:40pm– 5:40pm Roundtables & Special Events

Roundtable: Emerging Leaders: Data for the Masses: Using Publicly Available Data for Academic and Medical Career Advancement
Facilitators: Lawson Wulsin, MD, George Slavich, PhD
Room: Port McNeill

Roundtable: Stress in Primary Care: Aces, Strains, or What?
Facilitators: Lawson Wulsin, MD, George Slavich, PhD
Room: Junior Ballroom D

Roundtable: Brain & Emotion in Mind-Body Interactions: A Discussion with Dr. Antonio Damasio
Facilitators: Antonio Damasio, MD, PhD; Hugo Critchley, DPhil, FRCPsych; Richard Lane, MD, PhD
Room: Junior Ballroom A/B/C

Roundtable: Psycho-oncology
Facilitators: Linda Carlson, PhD, Claudia Trudel-Fitzgerald PhD
Room: Parksville

Wellness Activity: Mindfulness Meditation with Jeff Greeson
Room: Port Alberni
Note: if you are attending a WELLNESS Activity and haven’t completed a disclaimer yet, please visit the APS Registration Desk.

5:40pm – 6:30pm Silent Auction to Benefit Downtown Eastside Women’s Centre
Room: Grand Ballroom Foyer
APS is conducting a silent auction to provide the Society and the attendees an opportunity to give back by donating to a non-profit that focuses on the local area.

6:45pm – 11:15pm Closing Banquet
Room: Grand Ballroom

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 the APS 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.
2019 APS Annual Meeting Awards

Donald Oken Fellowship: Robert J. Boland, MD

Distinguished Scientist Award: Janice Kiecolt-Glaser, PhD

Patricia R. Barchas Award: Steve Cole, PhD

Herbert E. Weiner Early Career Award: Aoife O’Donovan, PhD

Paul D. MacLean Award: Antonio Damasio, MD, PhD

APS 2019 Young Investigator Colloquium

Elizabeth Andersen, PhD
Ian Boggero, PhD
Kyle Bourassa, MA
Bernard Chang, MD, PhD
Janine Dutcher, PhD
Paul Geiger, PhD
Kristie Harris, PhD
Devika Jutagir, PhD
Yongjoo Kim, ScD
Elena Makovac, PhD
Devesh Oberoi, PhD
Lisa Quadt, PhD
Kelly Rentscher, PhD
Monika Sadlonova, MD

APS Scholar Awards
Ravi Bhatt, BS
Elena Coley, BS
Andrea Coppola, BA
Cory Counts, BS
Larisa Gavriloa, BA
Eva Graham, MSc
Eleonora Iob, MSc
Annelise Madison, BA
Andrew Manigault, MS
Atina Manvelian, MA
Laura Panagi, MSc
Cheng Wen, PhD

Diversity Initiative Travel Award
Jason Ashe, Th.M
Briana Brownlow, MA
Victor Ekuta, BA
Gina Gerardo, MA
Marcia Tan, PhD
DeWayne Williams, PhD

MD Travel Award
Zaneta Franklin, BSc
Hiroe Hu, BSc
Jason Patel, MD
Adam Schweber, BA
Robyn Stocks, BSc
Rikki Winchester
Eleanor Woodward, MD

Travel Award for MacLean Scholars
Jennifer MacCormack, MA
Thomas Kraynak, MS

Cousin’s Center Global Outreach Award
Dalia Abdelrahman, MD

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Meeting Objectives
At the conclusion of this meeting, participants will be able to:
1. To implement the cutting-edge theories and research that link peripheral physiology to our emotions, cognitions, and behaviors.
2. To understand plausible biopsychosocial mechanisms for these body-to-mind connections.
3. To recognize the implications of body to mind pathways for the future of psychosomatic medicine and human well-being.

Continuing Education Information

ACCME Credit Statement:
Amedco designates this live activity for a maximum of 22.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACCME Approval Statement:
In support of improving patient care, this activity has been planned and implemented by Amedco and the American Psychosomatic Society (APS). Amedco is jointly accredited by the American 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.

APA Credit Statement:
This activity has been approved for a maximum of 22.5 hours.

APA Approval Statement:
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Join the Conversation

Why Tweet the Conference?
- Amplify conference experience to 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 the next APS Meeting?)

Building a Tweet
1. Use our Conference Hashtag #APS2019VAN and other relevant hashtags to be listed on Twitter with other people Tweeting about similar ideas.
2. Tag Conference speakers, departments, universities, centers and 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!

#Hashtags and @Handles
In addition to our Conference hashtag #APS2019VAN, include these popular hashtags and handles in your Tweets to increase engagement!

- #psychosomatic
- #medicine
- #health
- #microbiome
- #inflammation
- #biomarkers
- #genomics
- #interoception
- #mentalhealth
- #depression
- #stress
- #SDoH
- #ThisIsHealthPsych
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- @CityofVancouver
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- @HealthPsychTam

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Don’t have a Twitter account yet? Want to improve your tweeting skills?
Look out for the “Sweet Tweets” session during the Wednesday evening poster session to get started!