



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

WEDNESDAY, MARCH 6

7:00am – 7:00pm

7:00am-1:00pm
1:00pm-7:00pm

Registration

Room: Junior Ballroom Foyer
Room: Lower Lobby North Tower

7:30am – 12:15pm

Young Investigator Colloquium
Room: Junior Ballroom D

7:30am – 8:30am

8:30am

Diversity Travel Scholars Program
Room: Junior Ballroom D
Room: Port McNeill

7:30am – 8:30am

8:30am

MD Travel Scholars Program
Room: Junior Ballroom D
Room: Port McNeill

8:00am – 12:00pm

APS Council Meeting
Room: Port Alberni (invitation only)

8:00am – 12:00pm

Morning Workshop

Neurocognition & 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*
Room: Junior Ballroom C

8:00am – 4:30pm

Full Day Workshop

Fundamental Concepts in DOHaD and Emerging Research on Later-Life Interventions to Remediate and Redirect Unhealthy Lifecourse Trajectories Induced by Early Life Adversities

Chairs: *Gerry Giesbrecht, PhD, Lis Nielsen, PhD*
Faculty: *Keith Godfrey, PhD, Teresa Seeman, PhD, Jesse Baldwin, PhD, Margaret Sheridan, PhD, Keely Muscatell, PhD, Andrew Fuligni, PhD, Yuichi Makino, PhD, Kirk Erickson, PhD, Terrence Forrester, MBBS, PhD*
Room: Junior Ballroom AB

12:30pm – 4:30pm

Afternoon Workshop

Modeling Circadian Rhythms in Psychophysiology: A Gentle Introduction to Cosinor Analyses and Chronobiology

Faculty: *Jennifer J. McGrath, PhD, Marc N. Jarczok, PhD, Neressa A.O. Noel, RPSGT and Julian F. Thayer, PhD*
Room: Junior Ballroom C

4:45pm – 5:15pm

Opening Session

Recipients of the 2019 APS awards will be recognized.

5:15pm – 6:10pm

Plenary

Coming to Our Senses: Implications of Embodiment for the Pathogenesis and Treatment of Major Depression

Introduction: *Keely A. Muscatell, PhD*
Speaker: **Charles Raison, MD**
Room: Grand Ballroom AB

6:10pm – 7:00pm

Plenary

2019 APS Distinguished Scientist Award Lecture:

Lovesick: Your Partner and Your Health
Introduction: *Christopher P. Fagundes, PhD*
Speaker: **Janice Kiecolt-Glaser, PhD**
Room: Grand Ballroom AB

7:00pm – 8:15pm

Citation Poster Reception

Posters #1-34 will be presented
Room: Grand Ballroom CD

7:00pm

Sweet Tweets

Room: Grand Ballroom Foyer

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!

8:30pm – 10:00pm

Student Reception

Students and Trainees are invited to this event but must have signed up. Please visit the APS Registration Desk before 5:00 pm for details.
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 – 9:30am **Break**

9:30am – 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, Interoceptive 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. Koffer, 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 Danyluck, PhD

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

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

10:45am – 11:00am Refreshment Break
Grand Ballroom Foyer
Junior Ballroom Foyer

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 Glucoregulation 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

APS Committee Meeting: Professional Education

Room: Gulf Islands BC

Stress Profile Task Force

Room: Gulf Islands A

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 Guoin, 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
Alla 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. Kubzansky, 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 Petzschner, 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

1202 / Beta-Adrenergic Blockade Blunts Inflammatory And Antiviral/Antibody Gene Expression Responses To Acute Social Stress
Jennifer K. MacCormack, MA

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

7:45pm – 9:00pm

Poster Session 1

Posters #35-122 will be presented.

Room: *Grand Ballroom CD*

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 – 9:25am

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. Muscatell, 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: INFLAMMATIONChair: *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: *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

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, PhD

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

1463 / 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; Frederike 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

6:30pm – 7:45pm **Poster Session 2**
 Posters #123-218 will be presented.
Room: Grand Ballroom

7:30pm **SIG Meeting: Emerging Leaders**
Room: Bar One

7:45pm **Past Leaders Dinner**
 Offsite (*invitation only*)
 Meet in lobby at 7:45 or pick up map at
 APS Registration Desk

SATURDAY, MARCH 9

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

11:00am – 12:15pm **Poster Session 3**
 Posters #219-310 will be presented
 and a lite lunch will be offered
Room: Grand Ballroom AD

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

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.

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

Roundtable: Psychological Therapy for Centralized Pain: An Integrative Assessment and Treatment Model
 Facilitator: *Mark Lumley, PhD*
Room: Junior Ballroom ABC

12:15pm – 1:30pm **Concurrent Sessions**

Roundtable: Balancing Teaching and Scholarship at R3, M1/M2/M3, and Baccalaureate Institutions
 Facilitators: *Julie K. Cremeans-Smith, PhD, Alyssa D. Cheadle, PhD, Christine Guardino, PhD*
Room: Junior Ballroom D

Symposium 1182 / A MECHANISM-FOCUSED APPROACH TO BEHAVIORAL INTERVENTION RESEARCH: PROMOTING HEALTH BY ENGAGING KEY UNDERLYING PROCESSES
 Co-Chairs: *Lisbeth Nielsen, PhD, Paige Green, PhD, MPH*
Room: Grand Ballroom A

2020 Program Committee Meeting (*invitation only*)
Room: Gulf Islands BC

1379 / The NIH Science Of Behavior Change Mechanism-Focused Approach To Behavior Change Research
Jennifer A. Sumner, PhD

8:00am – 8:15am **Data Blitz**
Room: Grand Ballroom A/B

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

1382 / Increasing Autonomy Support To Promote Weight Loss In Couples
Talea Cornelius, PhD

8:15am – 9:00am **APS Members Meeting**
Room: Grand Ballroom A/B

1380 / Mindfulness Training Engages Interpersonal Processes: A Randomized Controlled Trial
Emily K. Lindsay, PhD

9:05am – 9:55am **Plenary**

Herbert E. Weiner Early Career Award Lecture: An Inflammatory Story: How Traumatic Stress Causes Ill Health
 Introduction: *Thomas Neylan, MD*
 Speaker: **Aoife O'Donovan, PhD**
Room: Grand Ballroom A/B

1381 / Mindfulness-Based Blood Pressure Reduction: Stage 1 Single-Arm Clinical Trial
Eric Loucks, PhD

10:00am – 10:50am **Plenary**

Paul D. McLean Award Lecture: On the Nature of Feeling
 Introduction: *Hugo D. Critchley, DPhil, FRCPs*
 Speaker: **Antonio Damasio, MD, PhD**
Room: Grand Ballroom A/B

Symposium 1101 / MINDFULNESS AND CARDIOVASCULAR HEALTH: OUTCOMES, MECHANISMS & INDIVIDUAL DIFFERENCES
 Chair: *Jeffrey Greeson, PhD*
 Discussant: *Maria Llabre, PhD*
Room: Junior Ballroom ABC

1103 / Mindfulness And Cardiovascular Health: Qualitative Mechanism Evidence
William Nardi, BSc

1102 / Does Trait Mindfulness Buffer Cardiovascular Risk? Baseline Analyses From The Serenity Study
Gabrielle Chin, AB

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 Hilmert, 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 HEALTHCo-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: CANCERChair: *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 HEALTHChair: *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

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.

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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.

APS 77TH Annual Scientific Meeting – March 6-9, 2019 – Vancouver BC

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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