Wednesday, March 18

7:00 am – 5:30 pm
Registration
Second Floor

7:30 am – 12:30 pm
Young Investigator Colloquium (by invitation only)
Scarborough 1/2

7:30 am – 12:30 pm
APS Council Meeting
Savannah Room

12:30 – 4:30 pm
Half-Day Workshops
Acute Coronary Syndrome, Arrhythmias, and Congestive Heart Failure: From Biobehavioral Mechanisms to Integrated Community Programs
Developed by the APS Professional Education Committee
Co-chairs: Serina A. Neumann, PhD and Ian Kronish, MD
Faculty: Daichi Shimbo, MD, Columbia University; Amit Shah, MD, MSCR, Emory University; Laura Redwine, PhD, University of California, San Diego
Verelst Room

Sleepless in Savannah: 2015 APS Sleep Measurement Workshop
Faculty: Matthew R. Cribbet, PhD, Western Psychiatric Institute and Clinic; Christopher E. Kline, PhD, University of Pittsburgh School of Medicine; Aric Prather, PhD, University of California, San Francisco; Michele Okun, PhD, University of Colorado, Colorado Springs; Danielle Beatty Moody, PhD, University of Maryland, Baltimore County
Percival Room

5:00 – 6:30 pm
Opening Session
Regency Ballroom A/B/C
The recipients of the 2015 APS scholarships and awards will be recognized during this session.

Distinguished Scientist Award Lecture: Moods, Thoughts, Rumination, Physiology, and Health
Introduction: Cristina Ottaviani, PhD, Santa Lucia Foundation Rome
Award Recipient: David Shapiro, PhD, Professor Emeritus, Department of Psychiatry and Biobehavioral Sciences David Geffen School of Medicine Director, Psychophysiology Laboratory Semel Institute for Neuroscience and Human Behavior
This talk will review lab and ambulatory findings on the physiological and health significance of “subjective” states.

6:30 – 8:00 pm
Citation Poster Session and Reception
Posters # 1 through #30 will be presented.
Regency Ballroom D/E/F and foyer

8:30 – 9:30 pm
Student Happy Hour
Windows – Lobby Level

Thursday, March 19

7:00 am – 5:30 pm
Registration
Second Floor

7:30 – 8:30 am
Continental Breakfast
Regency Ballroom D/E/F and foyer

8:30 – 9:30 am
Concurrent Sessions
Symposium 3060/BIOPSYCHOSOCIAL BALANCING IN MEDICALLY-UNEXPLAINED SYMPTOMS: CLINICAL AND RESEARCH IMPLICATIONS
Chair: Xavier F. Jimenez, MD
Regency A

3066/Biopsychosocial Balancing In Medically-Unexplained Symptoms: Gastrointestinal Symptoms
Gregory Thorkelson, MD
3068/Biopsychosocial Balancing In Medically-Unexplained Symptoms: Chronic Pain Symptoms
Eva Szegethy, MD, PhD
3069/Biopsychosocial Balancing In Medically-Unexplained Symptoms: Neurological Symptoms
Xavier F. Jimenez, MD

2742/Breathing Meditation Smartphone App: Initial Findings of Dose Response Trial Upon Blood Pressure (BP) Changes Among Prehypertensive Adults
Zachary Adams, PhD

3035/Both Device-Guided Breathing and a Relaxation Control Condition Reduce Ambulatory BP in Hypertensives: Report of an RCT
Lynn Clemow, PhD

2745/Lower Anxiety Associated With Greater Physical Activity In A Pedometer-Based Intervention Among Cardiac Patients
Derek Anderson, MA

2873/Social Status Interacts with Social Uncertainty to Influence Pro-Inflammatory Cytokine Levels and Viral Antibody Levels in Rhesus Monkeys
Jessica Vandeleeest, PhD

2972/Perceived Support Moderates the Association of Subjective Socioeconomic Status with Cortisol Responses to a Stressor
Emily Hooker, BA

2973/Two Ways to the Top: Dominance and Prestige as Cardiovascular Risk Factors Related to Social Status
Timothy Smith, PhD

Paper Session: SES
Chair: Chris Fagundes, PhD
Scarbrough 1/2

3154/Is Good Sleep A Privilege? Educational Differences in the Effects of Daily Stress on Sleep
David Curtis, MS

2873/Social Status Interacts with Social Uncertainty to Influence Pro-Inflammatory Cytokine Levels and Viral Antibody Levels in Rhesus Monkeys
Jessica Vandeleeest, PhD

2972/Perceived Support Moderates the Association of Subjective Socioeconomic Status with Cortisol Responses to a Stressor
Emily Hooker, BA

3146/Two Ways to the Top: Dominance and Prestige as Cardiovascular Risk Factors Related to Social Status
Timothy Smith, PhD
Paper Session: CORRELATES OF COGNITIVE FUNCTION
Chair: Paula Williams, PhD
Scarbrough 3/4

2517/Endogenous cortisol exposure and neuropsychological functioning: A longitudinal study of short- and long-term effects in older adults
Suzanne Segerstrom, PhD

3134/Individual Differences Reflecting Neurovisceral Integration: Composite Scores on Neuropsychological Tests of Executive Function are Significantly Associated with Resting High Frequency-Heart Rate Variability
Paula Williams, PhD

3103/Cognitive Processing Speed is related with Inflammatory Responses to Repeated Stress
Jonah Price, BA in Progress

3077/Childhood Trauma Exposure, Inflammation, and Cognitive Function in Middle-age
Mary Davis, PhD

9:30 – 9:45 am Break

9:45 – 11:00 am Concurrent Sessions
Invited Symposium: WHAT IS PSYCHOSOMATIC MEDICINE IN PRACTICE?
Chair: Joel Dimsdale, MD, UCSD
Discussant: Christoph Hermann-Lingen, MD, University of Goettingen von Siebold
Speakers: Takakazu Oka, MD, PhD, Kyushu University; Roland von Känel, MD, Klinik Barmelweid; and Harald Gündel, MD, Universitätsklinikum Ulm

Psychosomatic medicine as a clinical entity is flourishing across the world, but the details of the programs differ in fascinating ways. This symposium presents a description of such programs in Japan, Switzerland, and Germany.

Regency A

Symposium 2763/ BIOPSYCHOSOCIAL FRONTIERS IN PERINATAL HEALTH: EFFECTS OF SLEEP, RACE, AND STRESS ON INFLAMMATION AND CARDIOVASCULAR FUNCTION
Chair: Chris Dunkel Schetter, PhD
Regency B/C

2767/Impaired Vasodilation in Pregnant African Americans: Potential Antecedents and Consequences
Julian Thayer, PhD

2766/Poor sleep quality and inflammation predict preterm birth: Heightened risk among African Americans
Lisa Christian, PhD

2797/Daytime Napping Behavior Hardly Impacts Nocturnal Sleep in Pregnant Women
Michele Okun, PhD

2812/Predictors of C-reactive protein in mothers during the first postpartum year
Christine M. Guardino, PhD

Paper Session: INTEGRATIVE MEDICINE
Chair: Margaret Chesney, PhD
Scarbrough 1/2

3104/Fish Oil Supplementation Does Not Lower Chronic Inflammation or Alter Autonomic Nervous System Function in Healthy Adults
Matthew Muldoon, MD

2668/A Pilot Randomized Controlled Trial of the Clinical and Cost Effectiveness of a Skype Delivered Group Mindfulness Intervention For Distressed People With Progressive Multiple Sclerosis
Rona Moss-Morris, PhD

3013/Effect of a Mindfulness-Enhanced Weight Loss Program on Seasonal Influenza Vaccine-Mediated Immune Responses
Jeffrey Milush, PhD

2866/Psychobiological Responses To Group Drumming Interventions For Mental Health Patients
Daisy Fancourt, MM

Paper Session: HEART RATE VARIABILITY
Chair: Kristen  Salomon, PhD
Scarbrough 3/4

2467/Heart Rate Variability Predicts Levels of Inflammatory Markers: Evidence for the Vagal Anti-Inflammatory Pathway
Timothy Cooper, BS

2947/Circadian Variation Of Cardiac Autonomic Modulation and Low-Grade Inflammation In Working Adults
Marc Jarczok, Dr sc. hum.

2641/Physiological Pathways of Self-Regulation: Heart Rate Variability Predicts Ego-Depletion
DeWayne Williams, MA

2843/Exercise and Heart Rate Variability on the Antibody Response to Influenza Vaccination
Martin Eriksson, Medical Student

11:00 – 11:15 am Break

11:15 am – 12:15 pm Plenary Address
STRESS AND THE MICROBIOTA-GUT-BRAIN AXIS: FROM BOWEL TO BEHAVIOR
Introduction: Lisa Christian, PhD, The Ohio State University
Speaker: John Cryan, PhD, University College Cork
This talk will give up-to-date insights into how the microbiome plays a major role in postnatal development and maturation of key systems that have the capacity to influence central nervous system programming and signalling, including the immune and endocrine systems.

Regency A/B/C

12:45 – 1:45 pm Roundtable Discussions, Special Meetings or Lunch on Your Own

RT #1: The Microbiome
Facilitator: John Cryan, PhD
Verelst Room

RT #2: Psychosomatic Medicine in Practice
Facilitators: Harald Gündel, MD, Takakazu Oka, MD, PhD and Roland von Känel, MD
Vernon Room

Special Presentation: 2015 Psychosomatic Medicine Interest Groups
Scarbrough 1/2
Young Investigator Colloquium Lunch (invitation only)
Savannah Room

Wellness Session: Meditation
Plimsoll Room

1:45 – 3:00 pm Concurrent Sessions
Symposium 2509/ EARLY LIFE EXPERIENCES, PHYSIOLOGICAL PATHWAYS, AND ADULT HEALTH
Chair: Karen A. Matthews, PhD
Discussant: Stephen Manuck, PhD
Regency A

2598/Early Life Stress, FKPB5 and Depressive Symptoms In Midlife
Katri Raikkonen, PhD
2599/Early Environmental Exposures and Adult Psychiatric Disorder: Epstein-Barr Virus Antibodies as a Biomarker of Stressor Exposure
Jane Costello, PhD

3070/Social Mobility in Early Life and Adult Health in Black and White Men
Jenny M. Cundiff, PhD

2584/Childhood Socioeconomic Disadvantage is Related to Inflammation/Hemostasis in Mid-Life Women Through Adiposity
Karen A. Matthews, PhD

Symposium 2660/ STRESS REACTIVITY AND HEALTH: FROM EXAGGERATED TO DIMINISHED REACTIVITY, IMPLICATIONS FOR DISEASE RISK
Chair: Anna C. Phillips, PhD
Discussant: James McCubbin, PhD
Regency B/C

2661/Early Life Adversity as a Pathway to Reduced Stress Reactivity, Disinhibited Behavior, and Risk for Substance Use Disorders
William Lovallo, PhD

2662/Variedes of Hostility and Risk: Cardiac Predictors from Teen and Adult Years
J. R. Jennings, PhD

2807/Cardiovascular Reactions to Acute Psychological Stress and Cognitive Function: Results From Four Independent Studies
Annie T. Ginty, PhD

2875/Cardiovascular Reactivity During a Cognitive Task is not Related to Measures of Effort
Kristen Salomon, PhD

Paper Session: OBEITY
Chair: Janet Tomiyama, PhD
Scarbrough 1/2

3130/Depressive Disorder Subtypes as Predictors of Incident Obesity: Data from the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC)
Brittany Polanka, BS

2791/Increased Alexithymia in Case of Unsuccessful Bariatric Surgery
Silla Consoli, MD, PhD

3157/An Angiogenic Monocyte Phenotype is Associated with Distress and Longitudinal Increases in Waistline Circumference
Kirstin Aschbacher, PhD

2723/Associations of Dispositional Mindfulness With Obesity and Central Adiposity: The New England Family Study
Eric Loucks, PhD

2859/The Association of Metabolic Syndrome and Sleep Quality With Inflammation: Results from The MIDUS II Study
Kimberley Smith, PhD

Paper Session: NEUROIMAGING
Chair: Tor Wager, PhD
Scarbrough 3/4

3144/The Road From Obesity to the Brain is Partially Paved with High Blood Pressure
Ben Allen, PhD

3102/Systemic inflammation Relates to Connectivity of the Default Mode Network in Midlife Adults
Anna Marsland, PhD

3135/Defining Electrophysiological Mechanisms of Acupuncture in Head and Neck Cancer Patients with Xerostomia
Sarah Prinsloo, PhD

2721/Reward-Related Ventral Striatum Activation and Negative Affect: The Moderating Effects of Sleep
Aric Prather, PhD

3129/Alexithymia Influences Brain Activity During Rectal Distention in Subjects with Irritable Bowel Syndrome
Michiko Kano, MD, PhD

3:00 – 3:15 pm Break

3:15 – 4:15 pm Concurrent Sessions

SYMPOSIUM 2538/ BEYOND RISK FACTORS & DISEASE: POSITIVE PSYCHOLOGICAL WELL-BEING AND CARDIOVASCULAR HEALTH
Chair: Julia K. Boehm, PhD
Discussant: Timothy Smith, PhD
Regency A

2568/Relationship of Dispositional Optimism and Cardiovascular Health: Cross-sectional Findings from the Multi-Ethnic Study of Atherosclerosis
Rosalba Hernandez, PhD

2540/Healthy Aging: Does Psychological Well-Being Increase The Likelihood Of Maintaining Favorable Cardiovascular Health?
Julia K. Boehm, PhD

2573/The Connection Between Positive Psychological Constructs, Biology, And Behavior: Results From The GRACE Study
Jeffery C. Huffman, MD

Paper Session: DEPRESSION AND CANCER
Chair: Karen Weihs, MD
Regency B/C

2634/Depressive Symptoms During Primary Treatment in Women with Non-Metastatic Breast Cancer Predict Mortality over 8-15 years: Biobehavioral Mechanisms
Michael Antoni, Ph.D.

2624/Depression and Social Attachment Predict CD14+ Monocyte Gene Expression Profiles Among Individuals with Multiple Myeloma Undergoing Autologous Stem Cell Transplantation
Erin Costanzo, PhD

3139/SSRI use and Clinical Outcomes in Epithelial Ovarian Cancer
Desire Christensen, MS

2872/Cardiac Vagal Control and Coping Strategies as Predictors of Depression in Breast Cancer
Karen Weihs, MD

Paper Session: HYPERTENSION
Chair: Matt Muldoon, MD, MPH
Scarbrough 1/2

3009/Childhood adversity and hypertension: comparison of self-reported hypertension and measured blood pressure status
Shakira Suglia, ScD

2869/Blood Pressure Reactivity Moderates the Effects of Daily Life Strain on Subclinical Atherosclerosis: Examining Diathesis-Stress Interactions Using Ambulatory Monitoring Methods
Thomas Kamarck, PhD

2852/The Effect of Choice on Nocebo Responding to Medication
Keith Petrie, PhD

2569/Depression and Preference for Shared Decision Making Amongst Patients With Uncontrolled Hypertension
Nathalie Moise, MD

Paper Session: PEDIATRIC PSYCHOSOMATIC MEDICINE
Chair: Jennifer McGrath, PhD, MPH
Scarbrough 3/4

3097/Effects of expectancy on cognitive performance and mood in children and their parents
Katja Weimer, PhD
3007/Test-Retest Reliability of Pediatric Heart Rate Variability: A Meta-Analysis
Oren Weiner, MA

2970/Inter-Relation of HRV and Cortisol and Its Association with Cardiovascular Precursors in Children
Sivan Rotenberg, MA

2555/Psychosocial Quality of Life, Lifestyle and Adiposity: A Longitudinal Study in Preschoolers
Nathalie Michels, PhD

4:15 – 4:30 pm Break

4:30 – 5:30 pm President’s Address
PSYCHOSOMATIC RESEARCH MEETS THE BREAST CANCER CLINIC
Introducer: Annette Stanton, PhD, UCLA
Speaker: Karen Weihs, MD, University of Arizona
Regency A

5:30 – 7:00 pm Poster Session 1
Posters # 31 through #136 will be presented
Harborside Center

Friday, March 20

7:00 am – 5:30 pm Registration
Second Floor

7:30 – 8:30 am Continental Breakfast
Regency Ballroom D/E/F and foyer
Professional Education Committee
Meeting
Verelst Room

8:30 – 9:45 am Concurrent Sessions
Invited Symposium: TRANSDISCIPLINARY APPROACHES TO TARGETING HEALTH DISPARITIES: LINKING UPSTREAM DETERMINANTS TO DOWNSTREAM INTERVENTIONS
Chair: Karen Weihs, MD, University of Arizona
Speakers: Suzanne Conzen, MD, The University of Chicago School of Medicine; Martha McClintock, PhD, The University of Chicago, Institute for Mind and Biology; and Sarah Gehlert, PhD, Washington University in St. Louis
This symposium will present results to date from a transdisciplinary approach to studying the role of social factors (and resultant social stress biology) in breast cancer biology and clinical outcome. Our models have implications for understanding 1) connections between the psychosocial environment and disparities in breast cancer and 2) neuroendocrine pathways mediating the interaction between the stress response and tumor cell biology.
Regency A

Symposium 2701/RISK AND RESILIENCE FACTORS FOR MULTISYSTEM BIOLOGICAL DYSFUNCTION
Chair: Joshua F. Wiley, C.Phil.
Discussant: Robert-Paul Juster, PhD Candidate
Regency B/C

2990/Reports of Chronic Stress and Longitudinal Allostatic Load in the Multi-Ethnic Study of Atherosclerosis
Teresa E. Seeman, PhD

2500/A Constellation of Psychosocial Resources are Associated with Lower Allostatic Load
Joshua F. Wiley, C.Phil.

2903/Does Allostatic Load Underlie Greater Risk of Coronary Artery Calcification in those of Lower Socioeconomic Status?
Tara L. Gruenewald, PhD

2904/Improvements in Sleep Quality Lower Multisystem Biological Risk in Older Adults
Judith E. Carroll, PhD

Paper Session: UNDERSTANDING AND IMPROVING CANCER OUTCOMES
Chair: Lorenzo Cohen, PhD
Scarborough 1/2

2840/Diurnal Cortisol and Survival in Epithelial Ovarian Cancer
Andrew Schrepf, MA

2886/Predicting Who Benefits Most from a Brief Mindfulness Meditation for Women Undergoing Stereotactic Breast Biopsy
Chelsea Ratcliff, MA

2670/Less angry wife, more happy life: Results of a randomized controlled trial of brief supportive expressive therapy for partners of early stage prostate cancer patients
Codie Rouleau, MSc

3082/Three-arm Randomized Trial of Tibetan Yoga in Breast Cancer Patients
Lorenzo Cohen, PhD

Paper Session: DISTRESS, AFFECT AND CARDIAC DISEASE
Chair: Ian Kronish, MD
Scarborough 3/4

2591/Cost-effectiveness of a collaborative care depression and anxiety treatment program in patients with acute cardiac illness
Christopher Celano, MD

3024/Coronary Microvascular Disease: A Potential Correlate of Ischemia with Mental Stress
Pratik Pimple, MBBS, MPH

3025/Myocardial Ischemia Induced by Mental Stress in Patients with Stable Coronary Artery Disease: Evidence for a Higher Risk Among Young Women
Viola Vaccarino, MD, PhD

2499/Association of Anhedonia with Recurrence of Coronary Heart Disease Events and All-Cause Mortality: Meta-Analysis of Individual Participant Data from 8 Studies with 6,997 Participants
Jonathan Shaffer, PhD

2751/Generalized Anxiety Disorder and Panic Disorder as Independent Risk Factors for Cardiovascular Disease: Data from the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC)
Elizabeth Vrany, BA

9:45 – 10:00 am BREAK

10:00 – 11:00 am Plenary Address
FROM SLEEP TO SLEEP HEALTH TO HEALTH
Introduction: Martica Hall, PhD, Western Psychiatric Institute & Clinic
Speaker: Daniel J. Buysse, MD, University of Pittsburgh
Good sleep is essential to good health. But which aspects of sleep are related to health, and through which mechanisms, remain less clear. Whether interventions to improve sleep can influence health also remains largely unanswered. This talk will present a framework for exploring how different aspects of sleep contribute to the construct of sleep health; and how sleep health may influence broader measures of physical and mental health; and how sleep health interventions may improve overall health.
Regency A/B/C
11:00 – 11:15am  BREAK

11:15am – 12:30 pm  Concurrent Sessions
Symposium 3169/ OPTIMIZING THE EXPRESSIVE WRITING INTERVENTION TO PROMOTE ADJUSTMENT AND HEALTH BEHAVIOR
Chair: Qian Lu, MD, PhD
Discussant: Joshua Smyth, PhD
Regency A
3170 /Expressive Writing and Avoidance among Chinese American Breast Cancer Survivors
Qian Lu, MD, PhD
3171/Evaluating Guilt and Shame in an Expressive Writing Alcohol Intervention
Lindsey Rodriguez, PhD
3172/ Helping Yourself by Helping Others: Mediators of an Expressive Helping Intervention in Predicting Psychological Adjustment to Hematopoietic Stem-Cell Transplant
Timothy Williamson, MPH
3173/The Effect Of Expressive Writing Intervention for Infertile Couples: A Randomized Controlled Trial Study
Yoon Frederiksen, MSc

Paper Session:  EATING BEHAVIOR AND WEIGHT
Chair: Jutta Wolf, PhD
Regency B/C
2918/Gut microbiome-brain interactions in hedonic eating behaviors
Susan Schembre, PhD, RD
2746/Loneliness Predicts Postprandial Ghrelin and Hunger in Women
Lisa Jaremka, PhD
2556/Does Comfort Food Comfort? Dynamics of the Associations Between Stress, Mood, and Eating Behaviors in a Healthy Population
Jana Strahler, PhD
2857/Change in Psychological States After Meals and Food Intake: Investigation by Using an Electronic Food Diary and Ecological Momentary Assessment
Hiroe Kikuchi, MD, PhD
2906/Is the Obesogenic Quality of the Home Environment Associated with Energy-Balance Behaviors and Weight in Early Childhood?
Stephanie Schrempft, PhD

Paper Session: INFLAMMATION
Chair: Michele Okun, PhD
Scarbrough 1/2
2631/Stress in Emergency Medicine Physicians, Biomarkers and Objective Clinical Performance.
Bengt Arnetz, MD, PhD
2630/HPA and Rest/Activity Rhythms Independently Associate with Different Aspects of Inflammatory Response in Patients Awaiting Treatment for Breast Cancer
Elizabeth Cash, PhD
2635/Does Sensitivity to Acute Social Stress Predict Fasting Induced Cortisol Response?
Luke Hanlin, MA
2537/Gender Differences in Mental-Stress Induced Pro-Inflammatory Responses in Healthy, Older Participants from the Whitehall II Cohort
Romano Endrighi, PhD
2940/Depression Predicts survival in a 17 year longitudinal study of people with HIV
Gail Ironson, MD, PhD

Follow Twitter Streams at https://twitter.com/connectaps
Paper Session: UNDERSTANDING ETHNIC MINORITY HEALTH
Chair: Danielle Beatty Moody, PhD
Scarbrough 1/2

2630/Early Life Trauma Associates with Increased Risk of Arrhythmia During Mental Stress Challenge
Virginia Weeks, BA

2632/Adverse Childhood Experiences and Blood Pressure Trajectories from Childhood to Young Adulthood: The Georgia Stress and Heart Study
Shaoyong Su, PhD

2528/Childhood Abuse is Associated with Increased Hair Cortisol among Urban Pregnant Women
Hannah Schreier, PhD

2496/Reduced maternal sensitivity as a mechanism by which prenatal maternal depression increases infant cortisol reactivity to stress
Jenna Thomas, BSc

Paper Session: PREDICTING METABOLIC RISK
Chair: Lawson Wulsin, MD
Scarbrough 3/4

3057/Objectively-Assessed Heavy Snoring is Associated with Increased Risk for the Metabolic Syndrome and Adiposity-Related Components in a Community Sample of Midlife Women
Laura Samuelsson, MS

2974/Gratitude and its Relationship with Well-being in Asymptomatic Heart Failure (HF) Patients
Paul J. Mills, PhD

2969/Altered Nitric Oxide Regulation in Patients with Heart Failure: The Association Between Depressive Symptoms with l-arginine, ADMA, SDMA and isoprostane
Paula M. Mommersteeg, PhD

2971/Behavioral Sleep Health Education Interventions to Increase Awareness about Obstructive Sleep Apnea in Blacks
Giradin Jean-Louis, PhD

Symposium 2958/ PSYCHOLOGICAL AND BIOLOGICAL FACTORS IN HEART FAILURE: IT’S NOT ONLY DEPRESSION
Chair: David S. Krantz, PhD
Discussant: David Sheps, MD
Regency B/C

2971/Gratitude and its Relationship with Well-being in Asymptomatic Heart Failure (HF) Patients
Paul J. Mills, PhD

2961/Acute and Chronic Predictors of Heart Failure Adverse Events, Functional Status, Symptoms and Biomarkers: Comparison with Psychological Stress
Romano Endrighi, PhD

2969/Altered Nitric Oxide Regulation in Patients with Heart Failure: The Association Between Depressive Symptoms with l-arginine, ADMA, SDMA and isoprostane
Paula M. Mommersteeg, PhD

2974/Cognitive Behavior Therapy for Depression and Self-Care in Heart Failure: A Randomized Controlled Trial
Kenneth E. Freedland, PhD

Paper Session: DISTRESS, AFFECT AND PAIN
Chair: Sarah Pressman, PhD
Scarbrough 1/2

2748/Momentary Anger, General Mood, and Physical Well-Being in Patients with Chronic Disease: The Moderating Roles of Anger Expression Styles and Gender
Michael Russell, PhD

2478/Biological Stress Systems, Adverse Life Events and the Onset of Chronic Multi-Site Musculoskeletal Pain: A Six-Year Cohort Study
Ellen Generaal, MSc

2671/The Role of the Feeling of Being Loved in the Relation between Cognitions and Daily Pain in Fibromyalgia Patients
Shannon Taylor, MA

2024/Chronic Pain and Increases in SBP over 12 Years in Midlife Women: Tests of Unique and Mediated Relationships in SWAN
John Burns, PhD
Paper Session: GENETIC, MITOCHONDRIAL AND PSYCHOSOCIAL INFLUENCES ON CORTISOL

Chair: Susan Lutgendorf, PhD

Scarborough 3/4

3059/Preliminary results of cognitive behavioral stress management (CBSM) on cortisol levels among low-income pregnant women: The SMART Moms Project
Guido Unzar, PhD

2831/Positive Emotionality is Associated with a Steeper Diurnal Cortisol Slope
Karissa Miller, MS

2578/The Impact of Chronic Stress on Cortisol Reactivity
Sarah Fredrickson, MA

2010/Cortisol Stress Reactivity Differences in Men and Women Regulated by the Mu-Opioid Receptor Gene Polymorphism (OPRM1 A118G)
William Lovallo, PhD

Saturday, March 21

7:00 am – 5:00 pm
Registration
Second Floor

7:30 – 8:30 am
2016 Program Committee Meeting
Verelst Room

Diversity Initiative Breakfast
Vernon Room

7:45 – 8:45 am
Continental Breakfast
Regency Ballroom D/E/F and foyer

8:45 – 9:45am
APS Members Meeting
Regency A

10:00 am – 12:00 pm
Awards Presentations
Regency A/B/C

Herbert E. Weiner Early Career Award Lecture: Moving Away from a “One-Size-Fits-All” Approach to the Happiness-Health Connection
Introduction: Sheldon Cohen, PhD, Carnegie Mellon University
Award Recipient: Sarah Pressman, PhD, University of California-Irvine
The growing evidence of the benefits of positive emotions on physical health is impressive, but continues to take a “one size fits all” approach. That is, researchers assume that all types of positive emotions are beneficial in all types of circumstances and for all types of people. This talk will explore important nuances of the happiness-health connection, with a focus on the possible role of emotional arousal, emotional expression, culture, ideal affect, and contextual demands. Lessons are drawn from an array of research paradigms ranging from broad global population studies to more focused laboratory stress physiology experiments.

Patricia R. Barchas Award Lecture: Neurobiological Consequences of Early-Life Adversity
Introduction: Urs Nater, PhD, University of Marburg
Award Recipient: Christine Heim, PhD, Institute of Medical Psychology, Charité University Medicine
Social-emotional adversity in early life, such as childhood abuse, neglect and loss, is a well-established major risk factor for developing a range of psychiatric and medical disorders later in life. Biological embedding of maltreatment during development is thought to underlie this long-term increased risk. This presentation will provide an overview of our human clinical research regarding the neurobiological consequences of childhood trauma. Our results suggest that childhood trauma in humans is associated with sensitization of the neuroendocrine and autonomic stress response, glucocorticoid resistance, decreased oxytocin activity, inflammation, reduced hippocampal volume and changes in cortical fields that are implicated in the perception or processing of the abuse. The consequences of childhood trauma are moderated by genetic factors and mediated by epigenetic changes in genes relevant for stress regulation. However, the immediate processes of biological embedding after maltreatment remain unknown and we are not yet able to offer pathophysiology-driven effective prevention strategies to these children. Thus, understanding trajectories of biological embedding, and their moderation by gene-environment interaction, is critical to enable us to design novel interventions that directly reverse these immediate processes and to derive biomarkers that identify children who are at risk to develop disorders and/or are susceptible to respond to a specific intervention.

Paul D. MacLean Award Lecture: Reintegrating the Self: Insights from Studies of Deep Brain Stimulation for Depression
Introduction: Richard Lane, MD, PhD, University of Arizona
Award Recipient: Helen S. Mayberg, MD, Emory University School of Medicine
Deep Brain Stimulation (DBS) is an emerging treatment strategy for patients with intractable depression with imaging playing a crucial role in the development, testing and refinement of the procedure. Multimodal modeling of structural and functional network connections combined with real-time behavioral, autonomic and electrophysiological metrics are now used to more precisely identify the optimal target location as well as track long-term stimulation effects. Together these studies offer a unique perspective on critical pathways and mechanisms mediating the antidepressant effects of DBS, and potentially on the pathophysiology of treatment resistant depression more generally.

2776/Neuroendocrine, Metabolic, Inflammatory and Transcriptional Responses to Acute Psychological Stress are Moderated by Mitochondrial Function
Martin Picard, PhD

5:00 – 6:30 pm
Poster Session 2
Posters #137 through #248 will be presented.
Harborside Center

7:00 pm
Past Leader Dinner (by invitation only)

Follow us on facebook at https://www.facebook.com/AmericanPsychosomaticSociety
1:30 – 2:45 pm
Invited Symposium: HIGH UTILIZERS IN PSYCHOSOMATIC MEDICINE
Chair: Jeff Huffman, MD
Speakers: Roger Kathol, MD, Cartesians Solutions, Inc.; Per Fink, MD, PhD; Aarhus University Hospital; Kurt Kroenke, MD, Indiana University School of Medicine/Regenstrief Institute; and Cynthia Stonnington, MD, Mayo Clinic
There is mounting attention on ‘high utilizer’ patients as major drivers of healthcare cost in the United States and worldwide. A substantial proportion of these patients have conditions that are highly relevant to practice and research in psychosomatic medicine, including somatic symptom disorders and related conditions (e.g., fibromyalgia, chronic fatigue syndrome), as well as medical patients with comorbid mood/anxiety disorders. This symposium will focus on research, policy, and clinical care of psychosomatic medicine high utilizer patients.

Regency A

Symposium 2020/THE IMPACT OF WEIGHT STIGMA ON PHYSIOLOGICAL STRESS, ENERGY EXPENDITURE, AND HEALTH
Co-Chairs: A. Janet Tomiyama, PhD and Natasha Schvey, PhD
Regency B/C
2712/Is Weight Stigma Stressful? Evidence from correlational, longitudinal, and experimental studies
A. Janet Tomiyama, PhD
2021/Understanding the real-time within-person responses linking weight stigma to poor health in daily life
Joshua M. Smyth, PhD
2713/Pressure to be Thin is Associated with Fasting Glucose and Insulin among Lean and Overweight Adolescents
Natasha A. Schvey, PhD
2714/Weight Bias Internalization, Exercise, and Psychological Well-Being: The Case for Targeting Self-Directed Weight Stigma
Rebecca Pearl, MPhil

Paper Session: SLEEP AND CARDIOVASCULAR DISEASE
Chair: Arc Prather, PhD
Scarborough 1/2
2915/Gender-Specific Associations between Nap and Sleep Behavior Patterns and C-Reactive Protein in MIDUS II Respondents
Jaime Devine, MS
2533/Is Daytime Napping Associated With Adolescent Cardiovascular Health?
Karen Jakubowski, BS
3136/Objectively-Assessed Sleep Predicts Framingham Risk Score Nearly Two Decades Later
Martin Hall, PhD
2588/Marital distress is associated with nocturnal blood pressure nondipping in women, in part through short sleep
Wendy Troxel, PhD
2678/Race Differences in Diurnal Cortisol Functioning: Sleep as a Mediator
Laurel Peterson, PhD

Paper Session: DIABETES
Chair: John Ryan, PhD
Scarborough 3/4
3121/Depression and Anxiety Screens as Predictors of 9-Year Incidence of Diabetes
Tasneem Khambaty, MS
2899/Trajectories of Depression In an Onset Cohort of Adults with Type 1 Diabetes: Six Year Follow-Up
Oskar Mittag, ScD
2919/Parental History of Diabetes and Diabetes: Moderation by Depressive Affect and Positive Affect
Vera Tsenkova, PhD
2635/Self-rated Health and Occupational Status Explain The Association Between Stress and Incident Diabetes: Evidence From The IPC Cohort Study
Emmanuel Wiernik, MSc
2519/ Psychological Resources and Glucoregulation in Japanese Adults: Findings from MIDJA
Jennifer Morozink Boylan, PhD

2:45 – 3:00 pm
Break

3:00 – 4:00 pm
Symposium 2809/ BIOFIELD SCIENCE: EMERGING PERSPECTIVES ON PHYSIOLOGY AND PSYCHOSOMATIC MEDICINE
Chair: Susan Lutgendorf, PhD
Discussant: Lorenzo Cohen, PhD
Regency A
2853/Biofield Physiology: Framework for an Emerging Discipline
Richard Hammerschlag, PhD
2979/Biofield Therapies for Clinical Populations: State of the Science
Shamini Jain, PhD
2949/Biofield Devices: Potential Tools for Measurement, Diagnosis and Treatment
Blake Gurfein, PhD

Symposium 3081/LEARNING FROM STRESS: WHY IS IT BAD FOR THE BRAIN? STRUCTURE, FUNCTION AND PERFORMANCE
Chair: Mary-Frances O’Connor, PhD
Discussant: Richard Lane, MD, PhD
Regency B/C
3083/Stress, meaning, and the medial prefrontal cortex
Tor Wager, PhD
3084/Cortisol and Cardiovascular Risk Link Community Socioeconomic Disadvantage to Brain Morphology
Peter J. Gianaros, PhD
3085/Disrupted Prefrontal Activity during Emotion Regulation in Complicated Grief: An fMRI Investigation
Brian Arizmendi, MA

Paper Session: TRAUMA AND HEALTH
Chair: Viola Vaccarino, MD, PhD
Scarborough 1/2
3016/The Roles of PTSD and Depression Symptom Severity in Linking Military Stressors and Functional Health Outcomes in Male and Female Veterans of OEF/OIF
Brian Smith, PhD
2798/Impaired Autonomic Modulation and Abnormal Circadian Variation in Male Twins with Posttraumatic Stress Disorder
Lei Weng, MPH
2691/Pre- and Post-Operative Levels of Stress Hormones Can Predict Symptoms of Post-Traumatic Stress Following Total Knee Replacement Surgery
Julie Cremeans-Smith, PhD
2975/Posttraumatic Stress Disorder Symptoms and Hypercoagulability in Acute Coronary Syndrome Patients
Vy Ho, BS

Paper Session: SOCIAL RELATIONSHIPS AND HEALTH
Chair: Matt Cribbet, PhD
Scarborough 3/4
2783/Daytime Salivary Cortisol Secretion is Associated With The Quality of Daily Life Marital Interactions as Measured by Ecological Momentary Assessment
Mark Thomas, BS
Meeting Objectives
At the conclusion of this meeting, participants will be able to:
1. Describe the biopsychosocial processes relevant to Psychosomatic Medicine across all levels of analysis, from the molecular level (i.e., cells) to the community level.
2. Identify issues in implementing interventions, particularly with medical-psychiatric comorbidities.
3. Foster understanding of the role of sleep in improving health.

Continuing Education Information

Satisfactory Completion
Participants must complete an attendance/evaluation form in order to receive a certificate of completion/attendance. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available.

Physician
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Institute for the Advancement of Human Behavior (IAHB) and the American Psychosomatic Society. The IAHB is accredited by the ACCME to provide continuing medical education for physicians.

The IAHB designates this live activity for a maximum of 22.50 credits AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Psychologists
This course is co-sponsored by Amedco and the American Psychosomatic Society. Amedco is approved by the American Psychological Association to sponsor continuing education for psychologists. Amedco maintains responsibility for this program and its content. 22.50 hours.
2014-2015 APS Council
Karen Weihs, MD, President
Susan K. Lutgendorf, PhD, Immediate Past-President
Mustafa al’Absi, PhD, President-Elect
Urs Nater, PhD, Secretary-Treasurer
George K. Degnon, CAE, Executive Director
Laura E. Degnon, CAE, Associate Executive Director

Council Members
Erin Costanzo, PhD
Tara Gruenewald, PhD, MPH
Leo Pozuelo, MD, FACP, FAPM
Viola Vaccarino, MD, PhD
Tor Wager, PhD

2015 APS Annual Meeting Program Committee
Kristen Salomon, PhD, Program Chair
Danielle L. Beatty, PhD
Lisa M. Christian, PhD
Lorenzo Cohen, PhD
Matthew R. Cribbet, PhD
Joel E. Dimsdale, MD
Christopher Fagundes, PhD
Annie Ginty, PhD
Jeffrey Greeson, PhD
Jeff Huffman, MD
Eun-Ho Kang, MD
Ian Kronish, MD, MPH
Susan K. Lutgendorf, PhD
Kathrin Milbury, PhD
Benjamin Natelson, MD
Michele Okun, PhD
Anna Catriona Phillips, PhD
Aric A. Prather, PhD
Sarah Pressman, PhD
John M. Ruiz, PhD
Maida Sewitch, PhD
Jesse C. Stewart, PhD
Karen L. Weihs, MD
Paula G. Williams, PhD
Timothy Williamson, MPH
Jutta M. Wolf, PhD
Kazuhiro Yoshiuchi, MD, PhD

Coming this Fall to New York City!
Two-Day APS-AGA Sponsored Symposium
Brain-Gut Interactions and the Intestinal Microenvironment
Doug Drossman, MD
Magnus Simren, MD
Co-Chairs
Details will be available at www.psychosomatic.org

Join us for the
2016 APS Annual Meeting
March 9-12
Denver, Colorado
abstract submissions begin summer 2015
**APS 2015 Awards**

**Travel Award for MacLean Scholars**
Janine Dutcher, MA, UCLA
Thomas Kraynak, BA, University of Pittsburgh

**APS Young Scholars Award**
Derek Anderson, MA, The Ohio State University
Jennifer Boylan, PhD, University of Pittsburgh
Jaime Devine, BA, Brandeis University
Pratik Pimple, MBBS, MPH, Emory University
Kharah Ross, MA, Northwestern University
Codie Rouleau, MSc, University of Calgary
Andrew Schrepf, MA, University of Iowa
Ni Sun-Suslow, BS, University of Miami
Mark Thomas, BS, University of Pittsburgh
Jessica Vandeleeest, PhD, University of California-Davis
Elizabeth Vrany, BA, Indiana University-Purdue University, Indianapolis
DeWayne Williams, BA, The Ohio State University

**Medical Student/ Medical Resident/ Medical Fellow Travel Scholarship**
Elizabeth Ahn, BA, Medical College of Georgia
Desire Christensen, MS, University of Iowa
Timothy Cooper, BS, Columbia University
Sebastian Karl, BSc, Ulm University
Tatjana Meier, Dr.med., University Hospital of Ulm
Nathalie Moise, MD, Columbia University Medical Center
John Samaan, MD, MPH, Larkin Community Hospital
Corita Vincent, MSc, University of Toronto

**Minority Initiative Award**
Tomas Cabeza de Baca, PhD, University of California, San Francisco
Karina Corona, BA, University of California, Irvine
Natasha Garcia, BA, University of Kentucky
Nicholas Joseph, Associates of Art, Ohio State University
Risa Long, MA, The Ohio State University
Miriam Van Dyke, BS, Emory University

**Cousins Center Global Outreach Award**
Amlan Kusum Jana, MD, KPC Medical College & Hospital
Symon Kariuki, MSc, KEMRI-Wellcome Trust Research Programme

**2015 Young Investigator Colloquium Class**

**Scholars:**
Rachel Burns, PhD, McGill University
Matthew R. Cribbet, PhD, Western Psychiatric Institute and Clinic
Sonya Deschênes, PhD, McGill University
Daisy Fancourt, MM, University College London (UCL)
Brian Gonzalez, PhD, Moffitt Cancer Center
Ruth Hackett, MSc, University College London
Bjoern Horing, PhD, Clemson University
Charles Jonassaint, PhD, University of Pittsburgh
Dooyoung Jung, MD, Seoul National University Hospital
Stefan Kempke, PhD, University of Miami
Kate Kuhlman, PhD, UCLA Department of Psychology
Roger McIntosh, PhD, University of Miami
Nathalie Michels, PhD, Ghent University
Jennifer Morey, PhD, University of Kentucky
Maria Pacella, PhD, Center for AIDS Intervention Research, Medical College of Wisconsin
Ryan Rajaram, MD, Cleveland Clinic Foundation
Amy Ronaldson, MSc, University College London
Hendrika Schenk, MSc, University Medical Center Groningen
Burkhard Schmidt, PhD, Heidelberg University
Bianca Serwinski, MSc, University College London

**Mentors:**
David Krantz, PhD
Timothy Smith, PhD
Redford Williams, MD
Martica Hall, PhD
Julian Thayer, PhD
Gail Ironson, MD, PhD
Peter Shapiro, MD
Gaston Kapuku, MD, PhD
Joel Dimsdale, MD
Bill Lovallo, PhD

**Psychosomatic Medicine Interest Group (PMIG) Award**
Cleveland Clinic Lerner College of Medicine
Icahn School of Medicine at Mount Sinai
UCLA Geffen School of Medicine

**Acknowledgments:**
Funding for APS Young Scholar Awards and Minority Initiative Travel Awards is provided by a grant from the National Institutes of Health (R13 HL074923: M Hall, PI). The APS is grateful to the NIH and our Program Officer, Dr. Peter Kaufmann, for their continued support of this grant, now in its 10th year of funding.