Wednesday, March 12

7:00 am – 5:30 pm  Registration
7:00 am – 1:00 pm - Bay Level
1:00 pm – 5:00 pm - Grand Foyer

7:30 am – 12:30 pm  Young Investigator Colloquium (by invitation only)
Bayview A

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

12:30 – 4:30 pm  Half-Day Workshops

APS Mini-Medical School 2014: Overview of Biomedical Pathophysiology Relevant to Stress and Disease
Developed by the APS Professional Education Committee
Co-chairs: Eva M. Szigethy, MD, PhD, University of Pittsburgh, Pittsburgh, PA and Jesse C. Stewart, PhD, Indiana University-Purdue University Indianapolis, Indianapolis, IN
Faculty and topics: Jeanne M. McCaffery, PhD, The Miriam Hospital and Brown Medical School, Providence, RI: “Genetics and Genomics in Psychosomatic Medicine”; Tor D. Wager, PhD, University of Colorado at Boulder, Boulder, CO: “Neuroimaging and the Human Neuroscience of Brain-Body Interactions”; Douglas A. Drossman, MD, The Drossman Center for the Education & Practice of Biopsychosocial Care, Chapel Hill, NC: “Brain-Gut Interactions: What Factors are Related to Gastrointestinal Dysfunction?”, Mark A. Schumacher, PhD, MD, University of California-San Francisco, San Francisco, CA: “Learning from the Past to Understand the Origins of Acute to Chronic Pain”
Seacliff A/B

This workshop is designed to provide an up-to-date overview of biobehavioral mechanisms underlying stress-related diseases for attendees at all career levels, from graduate students to senior scientists and clinicians. The co-chairs will first provide an overview of the program and a brief review of systems and diseases related to stress. Next, prominent scientists will give broad, foundational presentations on both normal and pathological functioning in four content areas relevant to stress and disease. In line with this year’s meeting theme, the speakers will emphasize both basic biology and big picture relevance to models of human health and disease. Topics will be presented in a way that facilitates the application of the content to the various research and clinical interests of attendees. The final segment will consist of small group discussions led by the experts and co-chairs and a review of upcoming conference sessions to which the workshop content is most relevant. Mastery of workshop content is intended (a) to enhance understanding and utility of more in-depth presentations during the APS meeting and (b) to facilitate collaborative bridges between research and clinical “silos.”

Introduction to Design and Implementation of Randomized Controlled Trials (RCTs) for Clinical and Behavioral Settings
Faculty: Amber Watts, PhD, University of Kansas, Lawrence, KS
RCT Panel Moderator: A. Janet Tomiyama, PhD, UCLA, Los Angeles, CA
Panelists: William Arguelles, PhD, University of Miami, Miami, FL; Charles Kamen, PhD, University of Rochester, Rochester, NY; Michael Hoyt, PhD, Hunter College, New York, NY; Michael Newcomb, PhD, Northwestern University, Chicago, IL
Seacliff C

Randomized Controlled Trials (RCTs) are considered the gold standard, but researchers inevitably encounter difficulties in their proper design and implementation. This workshop introduces key concepts in the design and implementation of RCTs. It incorporates activities to help researchers apply concepts such as random assignment, controls and blinding, choosing a design type, issues in trial implementation, and creating a data analysis plan. The workshop will conclude with a panel of early career investigators currently conducting RCTs who will discuss concrete pitfalls and benefits of this type of study design.

Lab-to-Market in Psychosomatic Medicine Strategies for Sustainable Dissemination
Faculty: Steve Locke, MD, Wayland, MA and Jan P. Barker, RN, FNP, MS
Seacliff D

This interactive workshop will provide guidance on how to develop a successful behavioral medicine start up that can commercialize and disseminate evidence-based behavioral interventions for use in primary care and general medical populations.

5:00 – 6:30 pm  Opening Session
Grand Ballroom A

Please join us for the Opening Session, where you will be welcomed to San Francisco and the 72nd Annual Scientific Meeting. The recipients of the 2014 APS scholarships and awards will be recognized during this session.
Distinguished Scientist Award Lecture: Biobehavioral Bases of CHD Risk and Management

Introduction: Laura Redwine, PhD, University of California, San Diego Medical Center, San Diego, CA

Award Recipient: Neil Schneiderman, PhD, Department of Psychology, University of Miami, Coral Gables, FL

The biobehavioral bases of CHD risk and management requires integration among basic science, clinical investigation and population based research approaches. In a research career spanning more than 50 years (he published his first Science article in 1962), Dr. Schneiderman has attempted to achieve this integration in his work, using animal models and diverse human populations, including CHD patients, to examine the role of behavioral, biological, psychosocial and sociocultural factors influencing the development and amelioration of atherosclerosis and CHD.

6:30 – 8:00 pm
Citation Poster Reception
Grand Ballroom B/C and foyers
Posters #1 through #38 will be presented.

8:30 – 9:30 pm
Student Reception
Atrium

Thursday, March 13

7:00 am – 5:30 pm
Registration
Grand Foyer

6:45 – 7:45 am
Wellness: Yoga with Kristen Salomon
Bayview B

7:00 – 8:00 am
Global Health SIG Meeting
Marina Room

7:00 – 8:00 am
Continental Breakfast
Grand Foyer
A light breakfast will be served.

8:00 – 9:00 am
Concurrent Sessions
Symposium 1603: Research Presentations in Honor of the Scientific Legacy of Dr. Candace Pert, Expanding on the Theme of the “Molecules of Emotion”

Chairs: Lydia Temoshok, PhD and Gail Ironson, MD
Discussant: Lydia Temoshok, PhD

Grand Ballroom A
Individual Abstract Number 1857: CHEMOKINE RECEPTOR ANTAGONISTS TO SUPPORT BIOPSYCHOSOCIAL INTERVENTIONS AIMED AT LIMITING HIV DISEASE PROGRESSION
Michael R. Ruff, PhD, Physiology, Georgetown University, Rockville, MD

Individual Abstract Number 1616: TRANSLATING FINAL RESULTS OF 5-YEAR LONGITUDINAL STUDY OF BIOPSYCHOSOCIAL MEDIATORS OF HIV PROGRESSION INTO VIABLE INTERVENTIONS BASED ON PLASISBLE BIOLOGICAL MECHANISMS
Lydia Temoshok, PhD, Psychology, University of Maryland, Catonsville, MD

Individual Abstract Number 1853: SPIRITUALITY AND HEALTH: WHAT’S OLD, NEW AND NEEDED
Gail Ironson, MD, PhD, Psychology, University of Miami, Coral Gables, FL

Symposium 1573: What’s the vagus got to do with it?: Prospective studies of heart rate variability

Chair: Martica Hall, PhD
Discussant: Julian Thayer, PhD

Bayview A
Individual Abstract Number 1680: HIGH-FREQUENCY HEART RATE VARIABILITY PROSPECTIVELY PREDICTS SLEEP PROBLEMS IN A HEALTHY WORKING GERMAN COHORT
Matthew R. Cribbet, PhD, Psychiatry, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, Julian F. Thayer, PhD, Psychology, The Ohio State University, Columbus, Ohio, Marc N. Jarczok, MSSc, Social and Preventative Medicine, Mannheim Institute of Public Health, Mannheim, Baden-Wurttemberg, Germany, Julian Koenig, PhD, Psychology, The Ohio State University, Columbus, Ohio, Martica Hall, PhD, Psychiatry and Psychology, University of Pittsburgh Medical Center and University of Pittsburgh, Pittsburgh, Pennsylvania, Joachim E. Fischer, MD, MPH, Mannheim Institute of Public Health, Social and Preventive Medicine, Mannheim Medical Faculty, University of Heidelberg, Mannheim, Baden-Wurttemberg, Germany
Individual Abstract Number 1682: LOWER HRV IS ASSOCIATED WITH INCREASED CRP FOUR YEARS LATER IN HEALTHY, NON-SMOKING FACTORY WORKERS
Marc N. Jarczok, Diploma, Mannheim Institute of Public Health, Social and Preventive Medicine, Mannheim Medical Faculty, Heidelberg University, Mannheim, BW, Germany, Julian Koenig, PhD, Department of Psychology, The Ohio State University, Columbus, OH, Germany, Kristina Hoffmann, PhD, Joachim E. Fischer, MD MSc, Burkhard Schmidt, PhD, Mannheim Institute of Public Health, Social and Preventive Medicine, Mannheim Medical Faculty, Heidelberg University, Mannheim, BW, Germany, Julian F. Thayer, PhD, Department of Psychology, The Ohio State University, Columbus, OH

Individual Abstract Number 1845: BIOBEHAVIORAL STRESS INDUCED AUTONOMIC NERVOUS SYSTEM IMBALANCE PREDICTS HEART MALFUNCTION
Gaston Kapuku, MD/PhD, Pediatrics and Medicine (Cardiology), Georgia Regents University, Augusta, GA, Vernon Barnes, PhD, Pediatrics, Harry Davis, MS, Biostatics, Hongyan Xu, PhD, Statistics, GRU, Augusta, GA, Julian Thayer, PhD, Psychology, Ohio State, Columbus, OH

Paper Session: SES
Chairs: Jeffrey Greeson, PhD and Christopher Fagundes, PhD

Seacliff A/B
Abstract 1127: CHILDHOOD FAMILY ENVIRONMENT, SELF-CONTROL, AND ABDOMINAL ADIPOSITY AS EXPLANATORY FACTORS FOR THE ASSOCIATION BETWEEN SOCIOECONOMIC ADVERSENESS AND SYSTEMIC INFLAMMATION
Camelia E. Hostinar, PhD, Institute for Policy Research, Kharah M. Ross, MA, Edith Chen, PhD, Gregory E. Miller, PhD, Psychology, Northwestern University, Evanston, IL

Abstract 1281: PERCEIVED STRESS, GENDER AND OCCUPATIONAL STATUS INTERACT TO INCREASE THE RISK OF FUTURE HIGH BLOOD PRESSURE: THE IPC COHORT STUDY
Cedric Lemogne, MD, PhD, C-L Psychiatry, European Georges Pompidou Hospital, Paris, France, Emmanuel Wiemik, MSc, U1018, Inserm, Villejuif, France, Frédérique Thomas, PhD, Research, IPC Center, Paris, France, Frédéric Limosin, MD, PhD, Psychiatry, Université Paris Descartes, Issy-les-Moulineaux, France, Silla M. Consoli, MD, PhD, Psychiatry, Université Paris Descartes, Paris, France

Abstract 1246: LOW SOCIAL STATUS ASSOCIATES WITH ALTERED HPA ACTIVITY
Karissa G. Miller, BA, Thomas W. Kamarch, PhD, Barbara M. Anderson, PhD, Stephen B. Manuck, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA

Abstract 1132: DOES SOCIOECONOMIC STATUS AFFECT DAILY SOCIO-EMOTIONAL EXPERIENCES TO IMPACT ADOLESCENT HEALTH?
Jessica C. Chiang, MA, Psychology, Andrew J. Fuligni, PhD, Psychiatry/Psychology, UCLA, Los Angeles, CA

Paper Session: PTSD
Chairs: Kristen Salomon, PhD

Seacliff C/D
Abstract 1436: METABOLIC RISK FACTORS, SLEEP, AND POSTTRAUMATIC STRESS DISORDER IN YOUNG, UNMEDICATED, MEDICALLY-HEALTHY ADULTS
Lisa S. Talbot, PhD, Mental Health Service, San Francisco VA Medical Center, San Francisco, CA, Madhu N. Rao, MD, Beth E. Cohen, MD, MAS, Department of Medicine, Anne Richards, MD, MPH, Sabra S. Inslicht, PhD, Aoife O’Donovan, PhD, Shira Maguen, PhD, Department of Psychiatry, University of California, San Francisco, San Francisco, CA, Thomas J. Metzler, MA, Mental Health Service, Thomas C. Neylan, MD, Mental Health, San Francisco VA Medical Center, San Francisco, CA

Abstract 1508: PTSD AND MEDICATION NON-ADHERENCE IN PATIENTS WITH UNCONTROLLED HYPERTENSION
Ian M. Kronish, MD, MPH, Medicine, Columbia University Medical Center, New York, NY, Jenny J. Lin, MD, MPH, Medicine, Icahn School of Medicine at Mount Sinai, New York, NY, Beth E. Cohen, MD, MAS, Medicine, University of California, San Francisco, San Francisco, CA, Corrine Voils, PhD, Medicine, Duke University Medical Center, Durham, NC, Briana Olamiju, high school diploma, Biology, Columbia University; New York, NY, Donald Edmondson, PhD, MPH, Medicine, Columbia University Medical Center, New York, NY

Abstract 1351: POSTTRAUMATIC STRESS DISORDER AND SMOKING IN YEAR AFTER AN ACUTE CORONARY SYNDROME EVENT
Elena M. Brondolo, BS, Medicine, Columbia University, New York, NY, Lauren Wasson, MD, Medicine, New York Presbyterian Hospital, New York, NY, Carmela Alcantara, PhD, Faith Parsons, BA, Donald Edmondson, PhD, Medicine, Columbia University, New York, NY

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9:15 – 10:30 am
Concurrent Sessions
Invited Symposium: Pushing the Boundaries with Integrative Medicine: Research on Mechanisms to Inform Models of Health
Chairs: Jeffrey Greeson, PhD and Christopher Fagundes, PhD
Presenters: Lorenzo Cohen, PhD; Judson Brewer, MD, PhD; and Jun J. Mao, MD, MSCE
Discussant: Susan Lugtendorf, PhD

Grand Ballroom A
National surveys show that up to 40% of Americans use some form of complementary and alternative medicine such as nutritional supplements, meditation/mind-body practices, and acupuncture. However, questions remain about the quality of scientific evidence to support such complementary therapies and how they can be integrated safely and effectively with conventional biomedicine. This symposium will provide an overview and application of integrative medicine, and three three leaders in the field will present cutting-edge work on the outcomes and underlying mechanisms of omega-3 fatty acid (fish oil), mind-body practices, and acupuncture. The emerging field of integrative medicine is helping us to answer fundamental questions about disease processes, treatment, and the underlying mechanisms that can support optimal health. How these concepts can be incorporated within behavioral medicine research to expand the field will be discussed.
INTEGRATIVE MEDICINE: AN EVIDENCE-BASED APPROACH TO IMPROVING CANCER OUTCOMES
Lorenzo Cohen, PhD, The University of Texas, MD - Anderson Cancer Center, Houston, TX
Integrative medicine is an approach to treating patients that strives to integrate the best of complementary and conventional modalities using a multidisciplinary approach. It uses an interdisciplinary approach to evaluate the risks and benefits of individual therapies to optimize outcomes through a coordinated, comprehensive treatment plan. Dr. Lorenzo Cohen will provide an overview of the field of integrative medicine and present details on the Integrative Medicine Program at MD Anderson Cancer Center in the areas of clinical care, research, and education. Dr. Cohen will highlight ongoing research examining the molecular basis of omega-3 fatty acids at preventing and treating lung cancer. He will also discuss the role of comprehensive lifestyle changes (diet/nutrition, physical activity, stress management, and social network) in cancer prevention and control.

PLEASE PAY ATTENTION NOW (IT MAY CHANGE YOUR BRAIN): PSYCHOLOGICAL AND NEURAL MECHANISMS OF MINDFULNESS MEDITATION
Judson Brewer, MD, PhD University of Massachusetts Medical School, Worcester, MA
Over the past decade, there has been an explosion of interest in how contemplative practices such as meditation can inform science and how science can inform these practices. Recent advances in neuroscience have begun to unravel the mysteries of how mindfulness practices affect not only behavior, but the structure and function of the brain itself. This presentation will first touch on psychological mechanisms of how mindfulness decouples craving from behavior, using evidence from clinical trials of smoking. It will then discuss neuroscientific findings from novice and experienced meditators that provide clues to how this decoupling may manifest in the brain. It will finish by showing how realtime fMRI neurofeedback can link subjective experience with brain activity to further our understanding of brain regions implicated in mindful awareness.

CAN WE PERSONALIZE ACUPUNCTURE CARE BASED ON OUTCOME EXPECTANCY?
Jun J. Mao, MD, MSCE, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA
Acupuncture, an ancient healing art from the Traditional Chinese Medicine paradigm, has gained increasing popularity among patients and providers for managing chronic pain and symptom distress. Dr. Jun Mao will present the diverging pathways of expectancy and pain reduction outcomes in real vs. sham acupuncture in a clinical trial of acupuncture for joint pain related to arthritic conditions. He will then discuss how emerging findings from basic and translational research inform the understanding of the mechanisms of real and sham acupuncture. Lastly, his presentation will challenge us to think critically about how future research and clinical integration of acupuncture may be personalized based on aligning with patients’ expectations and with acupuncture’s underlying mechanisms to improve pain and symptom management in patients with chronic diseases.

Symposium 1088: Immunological aging: Causes, consequences, and biopsychosocial influences
Chair: Suzanne C. Segerstrom, PhD
Bayview A

Individual Abstract Number 1092: REPLICATIVE SENESCENCE: A PRIMER
Rita B. Efron, PhD, Pathology and Laboratory Medicine, UCLA, Los Angeles, CA

Individual Abstract Number 1099: WHAT’S BUGGING YOU? INFECTIOUS AND PSYCHOSOCIAL FACTORS INTERACTIVELY PROMOTE IMMUNONECENCE
Jos A. Bosch, PhD, Clinical Psychology, University of Amsterdam, Amsterdam, NA, Netherlands

Individual Abstract Number 1089: PSYCHOSOCIAL RESOURCES AND NK SENESCENCE ACROSS THE LIFESPAN
Suzanne C. Segerstrom, PhD, Psychology, Ahmad Al Attar, MD, Charles T. Lutz, MD, PhD, Pathology and Laboratory Medicine, University of Kentucky, Lexington, KY

Symposium 1457: Psychobiological mechanisms and asthma outcomes: laboratory models, longitudinal observations, and behavioral intervention
Chairs: Thomas Janssens, PhD and Thomas Ritz, PhD
Discussant: Paul Leher, PhD
Seacliff A/B

Individual Abstract Number 1523: PSYCHOSOCIAL, BEHAVIOURAL AND PHYSIOLOGICAL MECHANISMS LINKING PSYCHIATRIC COMORBIDITY TO WORSE ASThma CONTROL: A CONSOLIDATION OF EVIDENCE FROM THE PSYCHOLOGICAL FACTORS IN ASTHMA LONGITUDINAL (PAL) STUDY
Kim L. Lavoie, PhD, Psychology, University of Quebec at Montreal (UQAM), Montreal, Quebec, Canada, Simon L. Bacon, PhD, Exercise Science, Concordia University, Montreal, Quebec, Canada

Individual Abstract Number 1598: CUMULATIVE PRENATAL AND EARLY CHILDHOOD STRESS ASSOCIATED WITH POOR LUNG GROWTH AND REDUCED EXHALED NITRIC OXIDE IN SCHOOL-AGED URBAN CHILDREN
Rosalind J. Wright, MD MPH, Pediatrics, Kravis Children’s Hospital, Icahn School of Medicine at Mount Sinai, New York, NY

Individual Abstract Number 1459: EMOTIONS AS ASTHMA TRIGGERS: EXPLORING THE ASSOCIATION OF SUFICATION FEARS WITH AIRWAY CONSTRICITION DURING REPEATED EMOTION INDUCTION IN ASTHMA
Thomas Janssens, PhD, Psychology, KU Leuven (University of Leuven), Leuven, Belgium, Asthon M. Steele, MA, Thomas Ritz, PhD, Psychology, Southern Methodist University, Dallas, TX

Individual Abstract Number 1463: CAPNOMETRY-ASSISTED BREATHING TRAINING FOR ASTHMA: RESULTS FROM A RANDOMIZED CONTROLLED TRIAL
Thomas Ritz, PhD, Psychology, Southern Methodist University, Dallas, TX, David M. Rosenfield, PhD, Psychology, Southern Methodist University, Dallas, TX, Verenigde Staten, Asthon M. Steele, MA, Psychology, Southern Methodist University, Dallas, TX, Mark M. Millard, MD, Baylor University Medical Center, Dallas, TX, Alicia E. Meuret, PhD, Psychology, Southern Methodist University, Dallas, TX

Paper Session: Cardiovascular Reactivity
Chair: Anna Phillips, PhD
Seacliff C/D

Abstract 1533: COREGULATION OF CARDIOVASCULAR REACTIVITY TO LABORATORY-INDUCED RELATIONSHIP-RELATED STRESS AMONG DATING COUPLES: A MULTILEVEL DYADIC APPROACH
Youngmee Kim, PhD, Charles S. Carver, PhD, Psychology, University of Miami, Coral Gables, FL
Abstract 1262: BLOOD PRESSURE AND EMOTIONAL DAMPENING IN YOUNG ADULTS: EFFECTS ON THREAT APPRAISAL AND RISK BEHAVIOR
James A. McCubbin, PhD, Psychology and Public Health Science, Clemson University, Clemson, SC, Aaron A. Nathan, Melissa A. Hibdon, Justin A. Stephens, Anastasia A. Morrison, Jack G. Graham, BS, Ronald A. Schram, BS, Gregg W. Hayden, Psychology, Clemson University, Clemson, SC

Abstract 1688: ACTIVATION CONTROL: HEIGHTENED OR BLUNTED CARDIAC SYMPATHETIC REGULATION?
Derek P. Spangler, Master’s, Psychology, Virginia Tech, Blacksburg, VA, Xiao Yang, Master’s, Bruce H. Friedman, PhD, Psychology, Virginia Tech, Blacksburg, VA

Abstract 1514: DEPRESSIVE SYMPTOMS ARE ASSOCIATED WITH WORSENING OF ARTERIAL STIFFNESS WITH MENTAL STRESS
Pratik M. Pimple, MBBS, MPH, Amit J. Shah, MD, MSCR, Cherie Rooks, PhD, Department of Epidemiology, Emory University, Atlanta, Georgia, J. Douglas Bremner, MD, Department of Psychiatry and Radiology, Jonathon A. Nye, PhD, Department of Radiology, School of Medicine, Emory University, Atlanta, Georgia, Ijeoma Ibeanu, MPH, Department of Epidemiology, Emory University, Atlanta, Georgia, Cristina Karohl, MD, PhD, Nephrology, HCPA - Hospital de Clinicas de Porto Alegre, Porto Alegre, XXX, Brazil, Luis D’Marco, MD, Nephrology, Universidad de Oriente, xxx, Bolivar, Venezuela, Paolo Raggi, MD FACP, FACC, Department of Medicine, University of Alberta, Edmonton, Alberta, Canada, Viola Vaccarino, MD, PhD, Department of Epidemiology, Emory University, Atlanta, Georgia

Abstract 1275: WE ARE WATCHING YOU: TYPE D PERSONALITY IS ASSOCIATED WITH EXAGGERATED CARDIOVASCULAR STRESS REACTIVITY BUT ONLY UNDER HIGH SOCIAL EVALUATIVE THREAT
Adam Bibbey, BSc (Hons), Anna C. Phillips, PhD, Douglas Carroll, PhD, Sport, Exercise and Rehabilitation Sciences, University of Birmingham, Edgbaston, Birmingham, UK

10:30 – 10:45 am Break

10:45 – 11:45 am Plenary Address
Integrative Medicine: Fad or Frontier?
Introduction: Lorenzo Cohen, PhD
Speaker: Margaret Chesney, PhD, Director, Osher Center for Integrative Medicine, University of California, San Francisco, CA

Grand Ballroom A
Integrative medicine is a term for an emerging field of study and clinical practice that combines evidence-based conventional and complementary medicine. The goal of integrative medicine is to promote health and healing at the individual and community level through research, professional education, and clinical practice. To the extent that psychosomatic medicine (1) informs conventional medicine about the integration of behavioral, psychosocial and biomedical influences on health and illness; (2) is an epicenter for the science on pathways linking social and psychological factors to risk factors and health outcomes; and (3) hosts a community of scholars developing approaches disrupt those risk pathways, it is directly relevant to integrative medicine. This presentation will discuss the emergence of this new field within academic health centers and explore potential positive implications for psychosomatic medicine.

11:45 am – 1:00 pm Roundtables, Special Meetings or Lunch on Your Own
RT#1/Computational Bioinformatics
Facilitator: Steve Cole, PhD
Golden Gate Room
This roundtable will provide an opportunity and for attendees to discuss Dr. Coles’ research generally, and computational bioinformatics specifically, in an informal environment.

RT#2/Integrative Medicine
Facilitators: Judson Brewer, MD, PhD; Jun Mao, MD; Lorenzo Cohen, PhD Christopher Fagundes, PhD; Jeffrey Greeson, PhD; and Susan Lutgendorf, PhD
Marina Room
Integrative medicine seeks to merge conventional medicine and complementary therapies in a manner that is comprehensive, personalized, evidence based, and safe in order to achieve optimal health and healing. In the United States, complementary and alternative medicine (CAM) is defined by the National Center for Complementary and Alternative Medicine (NCCAM) as a group of diverse medical and healthcare systems, practices, and products that are not normally considered to be part of conventional medicine. NCCAM classifies CAM therapies into four broad categories: natural products, mind and body medicine, manipulative and body-based practices, and other CAM practices. As dietary and exercise-based interventions are not part of the standard of care within our medical system, they are also often studied as CAM interventions. The CDC estimates that up to 40% of the US population engages in some type of CAM treatments. During this roundtable we will discuss the field of integrative medicine research and, in particular, how it can apply to the majority of biopsychosocial questions we commonly investigate within the American Psychosomatic Society.

RT#3/Biopsychosocial Curricula in Medical Education: Advancing the Field and Your Career
Facilitators: Douglas Drossman, MD; Serina Neumann, PhD; Dennis Novack, MD; Jason Satterfield, PhD; and Shari Waldstein, PhD
Bayview B
Recent changes in medical education have highlighted the importance of the social and behavioral sciences in the health professions. However, little guidance has been provided to develop, implement and deliver high quality, evidence-based curricula. With the new MCAT emphasizing the social and behavioral sciences, the AAMC’S SBS report, and the Mental Health and Prevention Mandates of the Affordable Care Act, the time is ripe for talented academicians to shape health education and transform the next generation of health care providers. Moreover, such educational pursuits can be framed as essential scholarly activities useful for promotion and advancement. This panel, composed of key leaders in medical education from 4 different academic medical settings, will outline core content, proven teaching methods, curricular implementation, and essential strategies for academic advancement as an educator. Brief didactics will frame a robust group discussion of best practices and suggested approaches to common challenges.

Sexual Minority Health SIG Meeting
Board Room A

Psychosomatic Medicine Editorial Board Lunch (invitation only)
Hospitality Room
Debate on the Promise and Pitfalls of Heart Rate Variability in Psychosomatic Medicine Research

Moderator: Martica Hall, PhD, University of Pittsburgh School of Medicine, Pittsburgh, PA
Debate Panel: Eco de Geus, PhD, Vrije Universiteit, Amsterdam, the Netherlands; Nicola Montano, MD, PhD, University of Milan, Milan, Italy; Richard Sloan, PhD, Columbia University, New York, NY; and Julian Thayer, PhD, The Ohio State University, Columbus, OH

Grand Ballroom A
Heart rate variability (HRV) is frequently assessed in psychosomatic medicine research. Studies have variously evaluated HRV as a predictor of health, as a health outcome in its own right, or as a pathway through which psychological, social and behavioral factors influence health and functioning. Despite its promise in psychosomatic medicine research, HRV is not without its pitfalls. This debate is intended to shed light both on the promise and the pitfalls of HRV in psychosomatic medicine research. We will use a formal debate structure in which panelists must present evidence to support or refute a series of methodological and theoretical claims about HRV. Panelists will strive to convince the audience to agree with their viewpoint based on evidence and argument. We will engage the audience in the debate through a “show of hands” vote for each question and through a question-and-answer period at the close of the debate.

Symposium 1329: Aging in the Context of Chronic Disease: Premature, Accelerated, Normal, or Successful?

Chairs: Paige A. Green McDonald, PhD, MPH and Catherine Alfano, PhD
Discussant: Jerry Suls, PhD

Bayview A
Individual Abstract Number 1782: HIV DISEASE AS A MODEL FOR THE STUDY OF AGING
Steven G. Deeks, MD, Medicine, University of California, San Francisco, San Francisco, CA

Individual Abstract Number 1785: PREMATURE AGING IN SCHIZOPHRENIA?
Dilip V. Jeste, MD, Psychiatry, University of California, San Diego, La Jolla, CA

Individual Abstract Number 1783: WHEN DEPRESSION IS NOT ALL IN YOUR HEAD: DEPRESSION, HEALTH AND ACCELERATED AGING
Owen M. Wooldward, MD, Psychiatry, University of California, San Francisco, San Francisco, CA

Individual Abstract Number 1786: EVIDENCE FOR AN AGING PHENOTYPE AMONG CHILDHOOD CANCER SURVIVORS
Kirsten K. Ness, PT, PhD, Epidemiology and Cancer Control; Pediatric Medicine, St. Jude Children’s Research Hospital, Memphis, TN

Paper Session: Obesity

Chair: Elissa Epel, PhD

Seacliff A/B
Abstract 1687: TRANSGENERATIONAL MECHANISMS ASSOCIATED WITH WEIGHT GAIN IN ADOLESCENCE
Angela R. Sutin, PhD, Medical Humanities and Social Sciences, Florida State University College of Medicine, Tallahassee, FL, Richard Robins, PhD, Keith F. Widaman, PhD, Psychology; Rand Conger, PhD, Human and Community Development, University of California, Davis, Davis, CA

Abstract 1830: GLUCOCORTICOID RECEPTOR MEDIATED REGULATION OF INFLAMMATION IN OBESITY IS EXPLAINED BY DEPRESSIVE MOOD
Tiefu Cheng, BS, Stoyan Dimitrov, PhD, Nuzhat Beg, MD, Gary Lysach, BS, Suzi Hong, PhD, Psychiatry, University of California San Diego, La Jolla, CA

Abstract 1417: MATERNAL OBESITY, CHILD TEMPERAMENT, AND THE INTESTINAL MICROBIOTA IN TODDLERS
Lisa M. Christian, PhD, Psychiatry, Jeff Galley, BS, Oral Biology, Sarah Schoppe-Sullivan, PhD, Human Development and Family Sciences, Claire Kamp-Dush, PhD, Department of Human Sciences, Michael Bailey, PhD, Oral Biology, The Ohio State University, Columbus, Ohio

Abstract 1252: CHILDREN’S STRESS INFLUENCES THEIR DIET, PHYSICAL ACTIVITY AND ADIPOSITY: LONGITUDINAL ASSOCIATIONS AND HORMONAL PATHWAYS
Nathalie Michels, MSc., Public Health, Ghent University, Ghent, OV, Belgium, Sien Isabelle, Dr., Public Health, Liesbet Boone, Dr., Caroline Braet, Prof, Dr., Developmental, Personality and Social Psychology, Barbara Vanaelst, PhD, Inge Huybrechts, Phd, Public Health, Ghent University, Gent, OV, Belgium, Els Clays, PhD, Public Health, Ghent University, Gent, 9000, Belgium, Stefaan De Henauw, Prof., Public Health, Ghent University, Gent, OV, Belgium

Abstract 1525: A PERSONALIZED MEDICINE APPROACH TO SUBTYPE IDENTIFICATION IN OBESITY: ARE CIRCADIAN LEPTIN-CORTISOL INTERACTIONS A VULNERABILITY FACTOR?
Kirstin Aschbacher, PhD, Psychiatry, University of California, San Francisco, CA, San Francisco, CA, Maria Rodriguez-Fernandez, PhD, Chemical Engineering, University of California, Santa Barbara, Santa Barbara, CA, Shamini Jain, PhD, Psychiatry, University of California, San Diego/ Samueli Institute, La Jolla, CA, Herman van Wietmarschen, Doctoral Student, Analytical Biosciences, Leiden University, Leiden, 2333 CC Leiden, Netherlands, Frank Doyle, PhD, Chemical Engineering, University of California, Santa Barbara, Santa Barbara, CA, Jan van der Greef, PhD, Analytical Biosciences, Leiden University, Leiden, Leiden, Netherlands

Paper Session: Cancer

Chair: David Spiegel, MD

Seacliff C/D
Abstract 1425: RELATIONSHIPS OF TUMOR EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR) GENOTYPES WITH MAJOR DEPRESSIVE DISORDER AND CYTOKINES IN PATIENTS WITH STAGE IV NON-SMALL CELL LUNG CANCER (NSCLC)
William Pirl, MD, MPH, Lara Traeger, PhD, Joseph Greer, PhD, Justin Eusebio, MA, Naomi Simon, MD, Psychiatry, Jennifer Temel, MD, Medicine, Harvard Medical School, Boston, MA
Abstract 1741: ALTERED GENETIC TRANSCRIPTION PROFILES AMONG HEMATOPOIETIC STEM CELL TRANSPLANT RECIPIENTS BASED ON SOCIOECO-NOMIC STATUS
Jennifer M. Knight, MD, Psychiatry, J. Douglas Rizzo, MD MS, Hematology/Oncology, Brent Logan, PhD, Institute for Health and Society, Medical College of Wisconsin, Milwaukee, WI; Steve Cole, PhD, Hematology/Oncology, UCLA, Los Angeles, CA

Abstract 1166: DISTRESS AND SUPPORT: LINKS WITH CIRCADIAN DISRUPTION AND QUALITY OF LIFE IN GYNECOLOGIC CANCER
Whitney N. Rebholz, BA, Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY; Inka Weissbecker, PhD, M.P.H., International Medical Corps, Washington, D.C.; Elizabeth Cash, PhD, Department of Surgery, Division of Otolaryngology, University of Louisville School of Medicine, Louisville, KY; René Bayley, BA; Lauren A. Zimmaro, BA, Sandra E. Sephton, PhD, Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY.

Abstract 1835: BIOLOGICAL CORRELATES OF MARITAL STATUS IN RECENTLY DIAGNOSED BREAST CANCER PATIENTS
Sandra E. Sephton, PhD, Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY; Anees B. Chagpar, MD, Department of Surgery, Yale University School of Medicine, New Haven, CT; David Spiegel, MD, Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine, Stanford, CA; Whitney N. Rebholz, MS, René C. Bayley, BA; Lauren A. Zimmaro, BA, Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY; Firdaus S. Dhabhar, PhD, Department of Psychology and Behavioral Sciences, Stanford University School of Medicine, Stanford, CA.

2:30 – 3:30 pm
Plenary Address
Social Regulation of Human Gene Expression
Introduction: Susan K. Lutgendt, PhD, University of Iowa, Iowa City, IA
Speaker: Steve W. Cole, PhD, University of California, Los Angeles School of Medicine, Los Angeles, CA

Grand Ballroom A
Relationships between genes and social behavior have historically been viewed as a one-way street, with genes in control. Research in social genomics has begun to challenge this view by discovering broad alterations in the expression of genes across differing socio-environmental conditions. This talk will summarize the emerging field of social genomics and its efforts to identify the types of genes subject to social regulation, the psychological and biological signaling pathways mediating such effects, and the genetic polymorphisms that modify their impact across individuals. Humans appear to have evolved distinct gene regulation regimes to capitalize on the changing threats and affordances associated with sociality. Regardless of how well these adaptations may have served us during the Pleistocene, they now create a deep molecular connection between our personal environmental histories and the cellular and molecular processes that shape our future health and behavioral trajectories.

3:30 – 3:45 pm
Break

3:45 – 5:00 pm
Invited Symposium: The Impact of Early Life Adversity on Health Disparities Populations
Chair: Tené Lewis, PhD, Emory University Atlanta, GA
Presenters: Lisa Barnes, PhD, Debbie Barrington, PhD, and Tyan Parker Dominguez, PhD, MPH, MSW

Grand Ballroom A
Supported by the APS Diversity Initiative

RACE, EARLY NEGLECT, AND BLACK-WHITE DIFFERENCES IN COGNITIVE FUNCTION
Lisa Barnes, PhD, Rush University Medical Center, Chicago, IL

Early-life adversity has been shown to influence health in old age. Few studies have examined the relation between early-life adversity and cognitive decline however, particularly in older African Americans. We examined whether early-life adversity is related to more rapid cognitive decline in late-life, and whether the relation differs by race. Participants included over 6,100 older persons (mean age = 74.9 (7.1); 61.8% African American), from the Chicago Health and Aging Project, a population-based study of risk factors for Alzheimer’s disease, who underwent baseline cognitive function tests on up to five follow-up evaluations over 16 years. In mixed effects models stratified by race, and adjusted for age and sex, early-life adversity was related to decline in African Americans but not Whites. The relations were not mediated by late-life education and persisted after adjustment for cardiovascular risk factors. Subsequent analyses restricted to African Americans revealed that results were influenced by U.S. region of birth and extended to other markers of brain aging. Findings suggest that early-life social experiences may influence aging patterns in older African Americans and should be considered in understanding disparities in cognitive aging.

EARLY FATHER ABSENCE AND LATER LIFE HYPERTENSION IN BLACK MEN
Debbie Barrington, PhD, National Institute on Minority Health and Health Disparities, Bethesda, MD

Childhood socioeconomic position has been found to play a role in the etiology of adult hypertension among European populations. Other early-life socio-familial factors that may have a long-term influence on later-life blood pressure such as childhood family structure have been less studied; few studies have examined these relationships within African Americans. I will present findings from studies examining the independent associations between childhood family structure and mean blood pressure and hypertension among African Americans. Results from the Howard University Family Study (2001-2008) showed that African American men who lived with both parents for 1 to 12 years of their lives had lower mean systolic blood pressure and decreased odds of hypertension compared to men who never lived with both parents in their lifetime. Analyses from the Pitt County Study (1988-2001) similarly indicates that having a two parent family structure from birth to 13 years lowers risk for hypertension, and that changes in parental guardianship prior to age 18 increases risk for later-life hypertension among African American men. The influence of these socio-familial measures on blood pressure and hypertension appears to be gender-specific. Potential mechanisms, including interactions between biological and social factors, will be discussed.

CHILDHOOD EXPOSURE TO RACISM AND BLACK-WHITE DIFFERENCES IN BLOOD PRESSURE IN PREGNANCY AND INFANT BIRTHWEIGHT
Tyan Parker Dominguez, PhD, MPH, MSW, Clinical Associate Professor School of Social Work, University of Southern California
African Americans have the highest rates of preterm delivery, low birthweight and infant mortality of all racial/ethnic groups in the US. This long-standing health disparity is not explained by traditional risk factors. There is mounting evidence that self-reported racism exposure increases African Americans’ risk for poor birth outcomes, with recent findings pointing to the unique importance of childhood racism exposure. Racism may operate as a chronic psychosocial stressor whose cumulative toll produces physiologic wear and tear (ie,allostatic load, weathering, stress age), which erodes the body’s ability to regulate key biological systems. This presentation will review results from a series of studies examining racial differences in pregnant women’s stress exposure, the relation of that exposure to birth outcomes, and physiological mechanisms that might link the two, namely changes in blood pressure during pregnancy. Data were drawn primarily from the Multi-Site Behavior in Pregnancy Study (MS-BIPS), a prospective, repeated-measures observational investigation of stress and pregnancy among nearly 500 pregnant women in southern California. Findings from this racism and pregnancy work have informed the development of a faith-based education and support intervention for promoting healthy pregnancy in African American women.

**Symposium 1430: A Stepwise Psychotherapy Intervention to Reduce Risk in Coronary Artery Disease (SPIRR-CAD) - First results of a multi-center randomized trial**

Chairs: Christoph Herrmann-Lingen, MD and Christian Albus, MD

Discussants: Neil Schneiderman, PhD and Redford Williams, MD

**Bayview A**

Individual Abstract Number 1432: RATIONALE, DESIGN AND BASELINE DATA OF THE SPIRR-CAD TRIAL

Christian Albus, MD, Psychosomatics, Univ., Cologne, NRW, Germany, Manfred Beutel, MD, Psychosomatics, Univ., Mainz, Germany, Hans C. Deter, MD, Psychosomatics, Charité, Berlin, Germany, Kurt Fritzschke, MD, Psychosomatics, Univ., Freiburg, Germany, Martin Hellmich, PhD, Statistics, Univ., Cologne, Germany, Jochen Jordan, PhD, Psychocardiology, Kerckhoff Rehab Center, Bad Nauheim, Germany, Jana Jünger, MD, Psychosomatics, Univ., Heidelberg, Germany, Karl H. Ladwig, PhD, Epidemiology, Helmholtz Center, Neuerburg, Germany, Matthias Michal, MD, Psychosomatics, Univ., Mainz, Germany, Katja Petrowski, PhD, Psychosomatics, Univ., Dresden, Germany, Burkert Pieske, MD, Cardiology, Univ., Graz, Austria, Joram Ronel, MD, Psychosomatics, Techn. Univ., Munich, Germany, Wolfgang Söllner, MD, Psychosomatics, Klinikum, Nuremberg, Germany, Andreas Stöhr, PhD, ZKS, Univ., Cologne, Germany, Cora S. Weber, MD, Psychosomatics, Charité, Berlin, Germany, Jörg Wiltink, MD, Psychosomatics, Univ., Mainz, Germany, Martina de Zwaan, MD, Psychosomatics, MHH, Hannover, Germany, Christoph Herrmann-Lingen, MD, Psychosomatics, Univ., Göttingen, Germany, SPIRR-CAD Study group,

Individual Abstract Number 1492: A STEPWISE PSYCHOTHERAPY INTERVENTION TO REDUCE RISK IN CORONARY ARTERY DISEASE (SPIRR-CAD) FIRST RESULTS OF A LARGE RANDOMIZED MULTICENTER TRIAL

Christoph Herrmann-Lingen, MD, Psychosomatics, Univ., Göttingen, Germany, Manfred Beutel, MD, Psychosomatics, Univ., Mainz, Germany, Alexandra Boese, Dipl.-Psych., Psychosomatics, Univ., Göttingen, Germany, Hans C. Deter, MD, Psychosomatics, Charité, Berlin, Germany, Kurt Fritzschke, MD, Psychosomatics, Univ., Freiburg, Germany, Martin Hellmich, PhD, Statistics, Univ., Cologne, Germany, Jochen Jordan, PhD, Psychocardiology, Kerckhoff Rehab Center, Bad Nauheim, Germany, Jana Jünger, MD, Psychosomatics, Univ., Heidelberg, Germany, Karl H. Ladwig, PhD, Epidemiology, Helmholtz Center, Neuerburg, Germany, Matthias Michal, MD, Psychosomatics, Univ., Mainz, Germany, Katja Petrowski, PhD, Psychosomatics, Univ., Dresden, Germany, Burkert Pieske, MD, Cardiology, Univ., Graz, Austria, Joram Ronel, MD, Psychosomatics, Techn. Univ., Munich, Germany, Wolfgang Söllner, MD, Psychosomatics, Klinikum, Nuremberg, Germany, Andreas Stöhr, PhD, ZKS, Univ., Cologne, Germany, Cora S. Weber, MD, Psychosomatics, Charité, Berlin, Germany, Jörg Wiltink, MD, Psychosomatics, Univ., Mainz, Germany, Martina de Zwaan, MD, Psychosomatics, MHH, Hannover, Germany, Christian Albus, MD, Psychosomatics, Univ., Cologne, Germany, SPIRR-CAD Study group,

Individual Abstract Number 1642: ASSOCIATION BETWEEN CHANGES IN DEPRESSIVE SYMPTOMS AND IN HEART RATE VARIABILITY IN DEPRESSED PATIENTS WITH CORONARY HEART DISEASE - RESULTS FROM THE SPIRR-CAD TRIAL

Katja Petrowski, PhD, Psychosomatics, Univ., Dresden, Germany, Christian Albus, MD, Psychosomatics, Univ., Cologne, Germany, Christoph Herrmann-Lingen, MD, Psychosomatics, Univ., Göttingen, Germany, Hans C. Deter, MD, Psychosomatics, Charité, Berlin, Germany, Wolfgang Söllner, MD, Psychosomatics, Klinikum, Nuremberg, Germany, Cora S. Weber, MD, Psychosomatics, Charité, Berlin, Germany, SPIRR-CAD Study Group

Individual Abstract Number 1760: PATHOGENIC SOCIO-ECONOMIC PATHWAYS IN CORONARY HEART DISEASE - AUTONOMIC DYSBALANCE AND HEMOSTATIC PROFILE

Cora S. Weber, MD, Psychosomatics, Charité, Berlin, Germany, Kristina Orth-Gomér, MD, PhD, Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden, Katja Petrowski, PhD, Psychosomatics, Univ., Dresden, Germany, Christoph Herrmann-Lingen, MD, Psychosomatics, Univ., Göttingen, Germany, Christian Albus, MD, Psychosomatics, Univ., Cologne, Germany, Hans C. Deter, MD, Psychosomatics, Charité, Berlin, Germany, SPIRR-CAD Study Group,

**Paper Session: Stress Physiology**

Chair: Jutta Wolf, PhD

**Seacliff A/B**

Abstract 1714: BEYOND STORM AND STRESS: THE ROLE OF POSITIVE AFFECT IN STRESS BIOLOGY

Lindsay T. Hoyt, PhD, Robert Wood Johnson Foundation Health and Society Scholar, University of California at San Francisco and Berkeley, San Francisco, CA, Emma K. Adam, PhD, Human Development and Social Policy, Northwestern University, Evanston, IL

Abstract 1263: CHARACTERISTICS OF AN ABUSE HISTORY PREDICT DIFFERENT STRESS REACTIVITY PHENOTYPES IN PERIMENOPAUSAL WOMEN

Jennifer L. Gordon, PhD, David R. Rubinow, MD, Psychiatry, University of North Carolina at Chapel Hill, Chapel Hill, NC, Lana L. Watkins, PhD, Psychiatry and Behavioural Sciences, Duke University, Durham, NC, Jane Lesserman, PhD, Susan S. Girdler, PhD, Psychiatry, University of North Carolina at Chapel Hill, Chapel Hill, NC

Abstract 1295: STRESS RESILIENCE - A LOW-ANXIETY GENOTYPE PROTECTS MALE MICE FROM THE CONSEQUENCES OF CHRONIC PSYCHOSOCIAL STRESS

Stefan O. Reber, Prof. Dr. rer. nat., Laboratory for Molecular Psychosomatics, University Hospital of Ulm, Ulm, Baden Württemberg, Germany, Inga D. Neumann, Prof. Dr. rer. nat., Andrea M. Füchsl, Dipl. Biol., Department of Behavioural and Molecular Neurobiology, University of Regensburg, Regensburg, Bavaria, Germany
Abstract 1521: EXAMINING RELATIONS BETWEEN ALCOHOL USE AND INDICES OF CORTISOL STRESS RESPONSE IN YOUNG ADULT
Melissa J. Hagan, PhD, MPH, Psychiatry, University of California, San Francisco, San Francisco, CA, Linda J. Luecken, PhD, Sharlene Wolchik, PhD, Irwin Sandler, PhD, Psychology, Arizona State University, Tempe, AZ

Abstract 1404: LONG-TERM STABILITY OF DIURNAL SALIVARY CORTISOL AND ALPHA-AMYLASE
Nadine Skoluda, M.Sc., Department of Psychology, University of Marburg, Marburg, Hesse, Germany, Andreas Mueller, PhD, Institute of Occupational and Social Medicine, University of Dusseldorf, Dusseldorf, North Rhine-Westphalia, Germany, Heribert Limm, PhD, Department for Psychosomatic Medicine and Psychotherapy, University of Ulm, Ulm, Baden-Wuerttemberg, Germany, Birgitt Marten-Mittag, PhD, Department of Occupational, Social and Environmental Medicine, Ludwig Maximilian University, Munich, Bavaria, Germany, Harald Gündel, Professor, Department for Psychosomatic Medicine and Psychotherapy, University of Ulm, Ulm, Baden-Wuerttemberg, Germany, Peter Angerer, Professor, Institute of Occupational and Social Medicine, University of Dusseldorf, Dusseldorf, North Rhine-Westphalia, Germany, Urs M. Nater, Professor, Department of Psychology, University of Marburg, Marburg, Hesse, Germany

Paper Session: Pain
Chair: Mary Davis, PhD

Seacliff C/D

Abstract 1768: EEG IMAGING AND NEUROMODULATION OF ACUTE PAIN IN HEAD AND NECK CANCER PATIENTS UNDERGOING RADIOTHERAPY
Sarah Prinsloo, PhD, General Oncology, MD Anderson Cancer Center, Houston, TX, Randall Lyle, PhD, Marriage and Family Therapy, Mt. Mercy University, Cedar Rapids, Iowa, Sherry Garcia, PA-C, David Rosenthal, MD, Radiation Oncology, Lorenzo Cohen, PhD, General Oncology, MD Anderson Cancer Center, Houston, TX

Abstract 1583: DO POSITIVE SOCIAL RELATIONS CARRY OVER TO IMPACT NEXT-DAY FATIGUE IN WOMEN WITH FIBROMYALGIA?
Wan H. Yeung, PhD, Mary C. Davis, PhD, Leona S. Aiken, PhD, Psychology, Arizona State University, Tempe, AZ

Abstract 1203: TOLL-LIKE RECEPTOR 4 AND INFLAMMATION IN INTERSTITIAL CYSTITIS/PAINFUL BLADDER SYNDROME: ASSOCIATIONS WITH PAINFUL SYMPTOMS
Andrew D. Schrepf, MA, Susan Lutgendorf, PhD, Psychology, University of Iowa, Iowa City, IA, Michael O’Donnell, MD, Yi Luo, PhD, Urology, Catherine Bradley, MD, Obstetrics and Gynecology, Karl Kreder, MD, Urology, University of Iowa Hospitals and Clinics, Iowa City, IA

Abstract 1284: PATIENT PAIN CATASTROPHIZING AND SPOUSE RESPONSES IN DAILY LIFE: A TEST OF COMMUNAL AND INTERPERSONAL MODELS
John W. Burns, PhD, James Gerhart, PhD, Behavioral Sciences, Rush Univ Medical Center, Chicago, IL, Kristina Peterson, PhD, psychology, Univ of La Verne, La Verne, CA, David Smith, PhD, psychology, Univ of Notre Dame, Notre Dame, IN, Laura Porter, PhD, Psychiatry and Behavioral Sciences, Duke Univ, Durham, NC, Erik Schuster, MA, Behavioral Sciences, Rush Univ Medical Center, Chicago, IL, Francis Keefe, PhD, Psychiatry and Behavioral Sciences, Duke Univ, Durham, NC

Abstract 1238: LAUGHTER IS NOT ALWAYS THE BEST MEDICINE: LAUGHING AT A SPOUSE IN PAIN PROTECTS THE SELF BUT HURTS THE SPOUSE
Joan K. Monin, PhD, Becca R. Levy, PhD, Social and Behavioral Sciences, Yale School of Public Health, New Haven, CT, Margaret S. Clark, PhD, June Gruber, PhD, Psychology, Yale University, New Haven, CT

5:00 – 6:30 pm Poster Session 1 Grand Ballroom B/C and foyers Posters # 39 through #166 will be presented

7:00 – 8:00 pm Mentor/Mentee Program Atrium

Friday, March 14

7:00 am – 5:30 pm Registration Grand Foyer

7:00 – 8:00 am Morning Sessions
Wellness: Mindfulness with Jud Brewer Bayview B

Psychosomatic Medicine Interest Group Presentations Marina Room

Professional Education Committee Meeting Board Room B

7:00 – 8:00 am Continental Breakfast (A light breakfast will be served.) Grand Foyer
8:00 – 9:00 am  APS Members Meeting
Grand Ballroom A

9:15 – 10:15 am  Plenary Address via Webinar
Sustaining Healthy Communities: Toward an Evidence-Based Elimination of Health Inequities
Introduction: Viola Vaccarino, MD, PhD, Emory University, Atlanta, GA
Speaker: Gary H. Gibbons, MD, Director, the National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health, Bethesda, MD
Endorsed by the Diversity Initiative
Grand Ballroom A

10:15 – 11:45 am  Concurrent Sessions
Symposium 1470: Stretching the Boundaries of Sleep in Psychosomatic Medicine: Evidence of Mechanisms and Opportunities for Health
Chair: Martica Hall, PhD
Discussant: Daniel J. Buysse, MD
Grand Ballroom A

Individual Abstract Number 1473: POORER SLEEP QUALITY IS ASSOCIATED WITH SHORTER CD8+ T LYMPHOCYTE TELOMERE LENGTH IN A SAMPLE OF OBESE MEN AND WOMEN
Aric A. Prather, PhD, Psychiatry, University of California, San Francisco, San Francisco, CA, Blake Gurfein, PhD, Patricia Moran, PhD, Jennifer Daubenmier, PhD, Michael Acree, PhD, Medicine, Osher Center for Integrative Medicine, UCSF, San Francisco, CA, Peter Bacchetti, PhD, Epidemiology & Biostatistics, Jue Lin, PhD, Elizabeth Blackburn, PhD, Biochemistry & Biophysics, Elissa S. Epel, PhD, Psychiatry, University of California, San Francisco, San Francisco, CA, Frederick M. Hecht, MD, Medicine, Osher Center for Integrative Medicine, UCSF, San Francisco, CA

Individual Abstract Number 1579: SLEEP DURATION AND ALLOSTATIC LOAD: FINDINGS FROM THE MIDLIFE DEVELOPMENT IN THE UNITED STATES (MIDUS) STUDY
Judith E. Carroll, PhD, Cousins Center for Psychoneuroimmunology, UCLA, Los Angeles, CA, Michael R. Inwin, MD, Cousins Center for Psychoneuroimmunology, UCLA, Los Angeles, CA, Sharon S. Merkin, PhD, Teresa Seeman, PhD, Geriatrics, UCLA, Los Angeles, CA

Individual Abstract Number 1831: SLEEP INITIATION COMPLAINTS ARE ASSOCIATED WITH LOWER CARDIORESPIRATORY FITNESS AMONG POSTMENOPAUSAL WOMEN
Christopher E. Kline, PhD, Martica H. Hall, PhD, Daniel J. Buysse, MD, Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA, Conrad P. Earnest, PhD, Health, University of Bath, Bath, Somerset, UK, Steven N. Blair, PED, Exercise Science, University of South Carolina, Columbia, SC, Timothy S. Church, MD, PhD, MPH, Preventive Medicine, Pennington Biomedical Research Center, Baton Rouge, LA

Individual Abstract Number 1696: INSOMNIA AS A RISK FACTOR FOR DECREASED ANTIBODY RESPONSE TO THE INFLUENZA VACCINE
Daniel Taylor, PhD, Kimberly S. Kelly, PhD, Psychology, University of North Texas, Denton, TX, Marian L. Kohut, PhD, Kinesiology, Iowa State University, Ames, IA, Kai-Sheng Song, PhD, Mathematics, University of North Texas, Denton, TX

Symposium 1440: Early Adversity and Mental Health: The Moderating and Mediating Roles of the Autonomic Nervous System, HPA Axis, and Maternal Sensitivity
Chair: Michelle Bosquet Enlow, PhD
Discussant: Rosalind J. Wright, PhD
Bayview A

Individual Abstract Number 1571: INFANTS REACTIVITY TO PSYCHOSOCIAL CHALLENGE: AMBULATORY MONITORING OF CARDIORESPIRATORY ACTIVITY
Thomas Ritz, PhD, Psychology, Southern Methodist University, Dallas, TX, Michelle Bosquet Enlow, PhD, Psychiatry, Boston Children’s Hospital, Boston, MA, Stefan M. Schulz, PhD, Psychology and Comprehensive Heart Failure Center (CHFC), University of Wuerzburg, Wuerzburg, Bavaria, Germany, Rosalind J. Wright, MD, MPH, Pediatrics and Mindich Child Health & Development Institute, Icahn School of Medicine at Mount Sinai, New York, NY

Individual Abstract Number 1641: MATERNAKL SENSITIVITY AND INFANT BEHAVIORAL, AUTONOMIC, AND ENDOCRINE RESPONSES TO STRESS
Michelle Bosquet Enlow, PhD, Psychiatry, Boston Children's Hospital; Harvard Medical School, Boston, MA, Thomas Ritz, PhD, Psychology, Southern Methodist University, Dallas, TX, Rosalind J. Wright, MD, MPH, Pediatrics and Mindich Child Health & Development Institute, Icahn School of Medicine at Mount Sinai, New York, NY

Individual Abstract Number 1444: AUTONOMIC NERVOUS SYSTEM REACTIVITY MODIFIES THE RELATIONSHIP BETWEEN EARLY CHILDHOOD ADVERSITY AND LATER MENTAL HEALTH
Abbey Alkon, PhD, Family Health Care Nursing, University of California, San Francisco School of Nursing, San Francisco, CA, Sara Waters, PhD, Psychiatry, W. Thomas Boyce, MD, Developmental-Behavioral Pediatrics, University of California, San Francisco, San Francisco, CA, Kim Harley, PhD, Brenda Eskenazi, PhD, Center for Environmental Research and Children's Health, University of California, Berkeley School of Public Health, Berkeley, CA

Individual Abstract Number 1443: BLUNTED DIURNAL CORTISOL MEDIATES THE ASSOCIATION BETWEEN MALTREATMENT RISK AND EXTERNALIZING BEHAVIOR: RESULTS FROM AN EARLY PARENTING INTERVENTION
Kristin Bernard, PhD, Psychology, Stony Brook University, Stony Brook, NY, UD, Mary Dozier, PhD, Psychology, University of Delaware, Newark, DE, Jordana Zwerling, BS, Psychology, Stony Brook University, Stony Brook, NY
Invited Symposium: Gulf War Illness: Funding Opportunities, Symptom Constellations and Brain Imaging Research

Chair and Discussant: Benjamin H. Natelson MD
Presenters: Gudrun Lange, PhD, J. Wesson Ashford, MD, and Dane Cook, PhD

Seacliff A/B

CONGRESSIONALLY DIRECTED RESEARCH: AN OVERVIEW
Benjamin H. Natelson, MD, Professor, Mt Sinai School of Medicine, New York, NY

CONGRESSIONALLY DIRECTED RESEARCH SPECIFIC TO GULF WAR ILLNESS
Gudrun Lange, PhD, Adjunct Professor of Rehabilitation Medicine, Rutgers-New Jersey Medical School, Newark, NJ

WAR RELATED ILLNESS AND INJURY STUDY CENTER: SYMPTOMS OF VETERANS DEPLOYED BEFORE, DURING, AND AFTER THE FIRST GULF WAR, UNDERSTANDING THE ISSUES AND PROVIDING CARE
J. Wesson Ashford, MD, Director of the Palo Alto VA's War Related Illness & Injury Study Center, Palo Alto, CA

PSYCHOBIOLOGY OF PAIN AND EXERCISE IN GULF WAR ILLNESS
Dane Cook, PhD, Associate Professor of Kinesiology, University of Wisconsin-Madison WI

Paper Session: Diabetes
Chair: Ed Suarez, PhD
Seacliff C/D

Abstract 1511: EARLY AGE OF ONSET OF TYPE 1 DIABETES IS ASSOCIATED WITH INCREASED FUNCTIONAL BRAIN CONNECTIVITY
John P. Ryan, PhD, Howard J. Aizenstein, MD, PhD, Psychiatry, Trevor J. Orchard, MD, Epidemiology, Medicine and Pediatrics, Caterina Rosano, MD, MPH, Epidemiology, University of Pittsburgh, Pittsburgh, PA

Abstract 1292: DELAY DISCOUNTING OF GAINS AND LOSSES, GLYCEMIC CONTROL AND THERAPEUTIC ADHERENCE IN TYPE 2 DIABETES
Silla M. Consoli, MD, PhD, CL Psychiatry, European Georges Pompidou Hospital, Paris, Ile de France, France, Gaele LEBEAU, Resident in psychiatry, CL-Psychiatry, Georges Pompidou European Hospital, Paris, France, Anges HARTEMANN, MD, PhD, Dominique SIMON, MD, PhD, Diabetes, Pitie-Salpetriere Hospital, Paris, France, Gerard REACH, MD, PhD, Endocrinology, diabetes, metabolic diseases, Avicenne Hospital, Bobigny, France, Jean-Jacques A. ALTMAN, MD, PhD, Diabetology & endocrinology, Georges Pompidou European Hospital, Paris, France, Mathias PESSIGLIONE, PhD, Institut du Cerveau et de la Moelle Epiniere, Pitie-Salpetriere Hospital, Paris, France, Frederic Limosin, MD, PhD, Adult and elderly psychiatry, Corentin Celton Hospital, Issy-Les Moulineaux, France, Cedric LEMOGNE, MD, PhD, CL-Psychiatry, Georges Pompidou European Hospital, Paris, France

Abstract 1724: DEPRESSIVE SYMPTOMATOLOGY IN ADOLESCENCE AND ADULTHOOD AND DEVELOPMENT OF DIABETES
Shakira F. Suglia, ScD, Ryan Demmer, PhD, Richa Wahi, BS, Katherine Keyes, PhD, Karestan C. Koenen, PhD, Epidemiology, Columbia University, New York, NY

Abstract 1260: ATYPICAL MAJOR DEPRESSION IS MORE STRONGLY ASSOCIATED WITH DIABETES PREVALENCE THREE YEARS LATER THAN NONATYPICAL DEPRESSION AND DYSTHYMIA: NATIONAL EPIDEMIOLOGIC SURVEY ON ALCOHOL AND RELATED CONDITIONS (NESARC)
Tasneem Khambaty, MS, Jesse C. Stewart, PhD, Psychology, Indiana University-Purdue University Indianapolis (IUPUI), Indianapolis, IN

Abstract 1121: SOCIAL MEDIATORS OF THE RELATIONSHIP BETWEEN GLYCEMIC CONTROL AND DEPRESSIVE SYMPTOMS IN TYPE 2 DIABETES
Daniele Arigo, PhD, Psychology, Drexel University, Philadelphia, PA, Joshua M. Smyth, PhD, Biobehavioral Health and Medicine, The Pennsylvania State University, University Park, PA, Kyle Haggerty, PhD, Brain Injury Services, Bancroft Neurohealth, Haddonfield, NJ, Greer A. Raggio, MS, MPH, Psychology, Drexel University, Philadelphia, PA

Chair: Susan Levenstein, MD
Marina Room

Individual Abstract Number 1135: THE ROLE OF THE CENTRAL NERVOUS SYSTEM IN CHRONIC GASTROINTESTINAL PAIN AND ITS TREATMENT
Douglas A. Drossman, MD, Medicine and Psychiatry - Gastroenterology, University of North Carolina, Chapel Hill, NC

Individual Abstract Number 1077: STRESS AND PEPTIC ULCER IN THE AGE OF HELICOBACTER PYLORI
Susan Levenstein, MD, internist, Aventino Medical Group, Rome, RM, Italy, Steffen Rosenstock, Dr.Med.Sc., Section for Gastroenterology, Hvidovre Hospital, University of Copenhagen, Hvidovre, none, Denmark, Torben Joergensen, Dr.Med.Sc., Rikke K. Jacobsen, MSc, Centre for Prevention & Health, The Capital Region of Denmark, Glostrup, none, Denmark

Individual Abstract Number 1239: WHERE’S THE COMFORT IN COMFORT FOODS? THE INFLUENCE OF NUTRIENT SIGNALS ON AFFECTIVE AND COGNITIVE FUNCTION
Lukas Van Oudenhove, MD, PhD, Clinical & Experimental Medicine, University of Leuven, Leuven, Vlaams-Brabant, Belgium

Individual Abstract Number 1079: THE IMPACT OF BEHAVIORAL INTERVENTIONS ON GASTROINTESTINAL DISEASES
Laurie Keefer, PhD, Gastroenterology and Hepatology, Northwestern University Feinberg School of Medicine, Chicago, IL
Roundtables, Special Meetings or Lunch on Your Own

RT#4: Career Options in Psychosomatic Medicine
Facilitators: Pete Gianaros, PhD; Jana Haritatos, PhD; Judi Profant, PhD; and Wendy Troxel, PhD
Bayview B

This roundtable discussion will focus on the different types of jobs available to individuals trained in psychosomatic medicine. While psychology departments and medical schools may be the most commonly considered routes, there are also many other options; for example, private research organizations, and even large businesses like pharmaceutical companies. Our four panelists (representing the Department of Psychology, University of Pittsburgh; HopeLab; TEVA Pharmaceuticals; and RAND Corp) will spend some time discussing their different career trajectories, the pros and cons of the various positions that they have held, and what a typically day is like in these different venues. This will be followed by an audience Q & A session.

RT#5: DSM-5 Somatic Symptom Disorder: A leap forward or a step back in our understanding of how illness relates to disease?
Facilitators: Rona Moss-Morris, PhD and Alison Wearden, PhD
Golden Gate Room

The new DSM-5 diagnostic category of somatic symptom disorder (SSD) has generated wide debate amongst health professionals and patients. SSD is defined as somatic symptoms that are either very distressing or disabling together with excessive and disproportionate thoughts, feelings and behaviors regarding these symptoms. Symptoms must have been present for at least for 6 months and may or may not be associated with a medical disease. In this roundtable, two academic health psychologists who contribute to national policy in this area and have substantial experience researching and working with people with long term conditions in the UK will briefly present the broader debate. Their views on the usefulness of the new diagnostic category, in the context of a biopsychosocial understanding of disease and illness will be introduced. Discussion will then be opened up for debate.

1:00 – 2:00 pm
Concurrent Sessions

Symposium 1509: Using Neuroimaging to Advance New Models of Mindfulness, Stress, and Health
Chair: J. David Creswell, PhD
Grand Ballroom A

Individual Abstract Number 1684: WHY DOES MINDFULNESS PROMOTE MORE BENIGN RESPONSES TO EMOTIONAL THREAT? TEMPORALLY SENSITIVE TESTS OF AN ATTENTION DEPLOYMENT HYPOTHESIS
Kirk W. Brown, PhD, Jordan Quaglia, MA, Robert Goodman, MA, Psychology, Virginia Commonwealth University, Richmond, VA

Individual Abstract Number 1722: DOES MINDFULNESS MEDITATION-RELATED PAIN RELIEF ENGAGE DISTINCT BRAIN MECHANISMS FROM PLACEBO ANALGESIA?
Fadel Zeidan, PhD, Medicine, Nicole Emerson, MA, Susan Farris, MA, Neurobiology and Anatomy, Wake Forest University, Winston-Salem, NC, Jenna Ray, MA, Psychology, UNC-Charlotte, Charlotte, NC, John McHaffie, PhD, Robert Coghill, PhD, Neurobiology and Anatomy, Wake Forest University, Winston-Salem, NC

Individual Abstract Number 1683: NEURAL PATHWAYS OF MINDFULNESS AND STRESS REDUCTION: AMYGDALA FUNCTIONAL CONNECTIVITY CO-VARIES WITH DISPOSITIONAL MINDFULNESS AND CHANGES WITH MINDFULNESS MEDITATION TRAINING
J. David Creswell, PhD, Psychology, Carnegie Mellon University, Pittsburgh, PA, Adrienne Taren, MD, Neuroscience, Peter Gianaros, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA

Paper Session: Depression
Chair: Jesse Stewart, PhD
Bayview A

Abstract 1787: IS MEANING AND PEACE MORE IMPORTANT THAN FAITH IN THE RELATIONSHIP BETWEEN SPIRITUALITY AND DEPRESSION IN HEART FAILURE PATIENTS?
Kathleen L. Wilson, MS, Meredith A. Pung, PhD, Kelly Chinh, BA, Laura Redwine, PhD, Psychiatry, University of California San Diego, La Jolla, California

Abstract 1621: ANTICIPATORY PERCEPTIONS OF SOCIAL EVALUATION PREDICT INFLAMMATORY RESPONSES TO SOCIAL STRESS IN PREVIOUSLY DEPRESSED AND HEALTHY YOUNG WOMEN
George M. Slavich, PhD, Cousins Center for Psychoneuroimmunology, Katarina Dedovic, PhD, Department of Psychology, University of California, Los Angeles, Los Angeles, CA, Keely A. Muscatell, PhD, Department of Psychiatry, University of California, San Francisco, San Francisco, CA, Michael R. Irwin, MD, Cousins Center for Psychoneuroimmunology, Naomi I. Eisenberger, PhD, Department of Psychology, University of California, Los Angeles, Los Angeles, CA

Abstract 1858: TAI CHI INTERVENTION IS ASSOCIATED WITH INCREASED SPIRITUAL WELL-BEING WHICH IS LINKED WITH REDUCED DEPRESSION SYMPTOMS IN HEART FAILURE PATIENTS
Laura S. Redwine, PhD, Kathleen S. Wilson, MS, Meredith Pung, PhD, Kelly Chinh, BS, Psychiatry, Navaid S. Iqbal, MD, Medicine, Suzi Hong, PhD, Paul J. Mills, PhD, Psychiatry, University of California, San Diego, CA

Abstract 1512: A TAILORED WEB-BASED INTERVENTION IS ASSOCIATED WITH REDUCTIONS IN DEPRESSIVE SYMPTOMS AMONG MEDICAL EXAMINER PERSONNEL
Elizabeth Brondolo, PhD, Psychology, St. John’s University, Jamaica, NY, Sean C. Corcoran, BA, Psychology, St. John’s University, Jamaica, NY, Christine Clifton, BA, Psychology, St. John’s University, Jamaica, NY, Pegah C. Eftekharzadeh, BA, Psychology, St. John’s University, Jamaica, NY, Kristina Murani, BA, Patrick Robles, BA, Katherine Tineo, BA, Psychology, St. John’s University, Jamaica, NY, Douglas Delahanty, PhD, Psychology, Kent State University, Kent, OH
Paper Session: Discrimination
Chair: Tené Lewis, PhD
Seacliff A/B
Abstract 1699: AVOIDANT COPING ATTENUATES THE LINK OF PAST WEEK DISCRIMINATION TO DIARY NEGATIVE MOOD AMONG AFRICAN AMERICANS AND LATINOS
Elizabeth Brondolo, PhD, Department of Psychology, St. John’s University, Jamaica, NY, Angela Mensah, BS, Faith Evans, BA, Alfred Rotimi, BS, Psychology, Danielle L. Beatty Moody, PhD, Department of Psychology, University of Maryland, Baltimore County, Baltimore, MD

Abstract 1398: RACIAL DISCRIMINATION AND INFLAMMATION AMONG AFRICAN AMERICAN WOMEN: BIOBEHAVIORAL AND PSYCHOBIOLOGICAL PATHWAYS FOR CARDIOVASCULAR HEALTH DISPARITIES
Amani Nuru-Jeter, PhD, Epidemiology, University of California, Berkeley, Berkeley, CA, David Chae, ScD, Epidemiology and Biostatistics, University of Maryland, College Park, College Park, Maryland, Melissa Price, MPH, Institute for Health Policy Studies, UCSF, Oakland, CA, James Teleford, BA, Rodolfo Mendoza-Denton, PhD, Psychology, Institute of Personality and Social Research, University of California, Berkeley, Berkeley, CA, Cheryl Woods-Giscombe, PhD, Nursing, University of North Carolina, Chapel Hill, Chapel Hill, North Carolina

Abstract 1848: ETHNIC DISCRIMINATION ACROSS THE LIFETIME AND AMBULATORY BLOOD PRESSURE AMONG URBAN BLACK AND LATINO ADULTS
Danielle L. Beatty Moody, PhD, Shari R. Waldstein, PhD, Department of Psychology, University of Maryland, Baltimore County, Baltimore, MD, Elizabeth Brondolo, PhD, Department of Psychology, St. John’s University, Queens, NY

Abstract 1053: LIFETIME DISCRIMINATION AND INCIDENT CARDIOVASCULAR DISEASE IN THE MULTI-ETHNIC STUDY OF Atherosclerosis (MESA)
Susan A. Everson-Rose, PhD, MPH, Medicine, Pamela L. Lutsey, PhD, MPH, Nicholas S. Roetker, BA, Epidemiology and Community Health, University of Minnesota, Minneapolis, MN, Tené T. Lewis, PhD, Epidemiology, Emory University, Atlanta, GA, Kiara N. Kershaw, PhD, MPH, Preventive Medicine, Northwestern University, Chicago, IL, Alvaro Alonso, MD, PhD, Epidemiology and Community Health, University of Minnesota, Minneapolis, MN, Ana V. Diez Roux, MD, PhD, Epidemiology, University of Michigan, Ann Arbor, MI

Paper Session: Asthma
Chair: Kim Lavoie, PhD
Seacliff C/D
Abstract 1333: CUMULATIVE FAMILY DYSFUNCTION, EOSINOPHIL ACTIVITY, AND SYMPTOMS IN CHILDREN WITH ASTHMA
Katherine B. Ehrlich, PhD, Gregory E. Miller, PhD, Edith Chen, PhD, Psychology, Northwestern University, Evanston, IL

Abstract 1410: TARGETED REJECTION LIFE EVENTS UNIQUELY PREDICT DOWNREGULATION OF ANTI-INFLAMMATORY SIGNALING MOLECULES AND INCREASED SYMPTOM SEVERITY IN YOUTH WITH ASTHMA
Michael L. M. Murphy, MA, Psychology, Northwestern University, Evanston, IL, George M. Slavich, PhD, Psychiatry and Biobehavioral Sciences, University of California, Los Angeles, Los Angeles, CA, Edith Chen, PhD, Gregory E. Miller, PhD, Psychology, Institute for Policy Research, Northwestern University, Evanston, IL

Abstract 1661: YOUTH EXPRESSIONS OF POSITIVE AFFECT IN DAILY LIFE MEDIATE THE ASSOCIATION BETWEEN MATERNAL RESPONSIVENESS AND IMPROVED INFLAMMATION STATUS IN YOUTH WITH ASTHMA
Erin T. Tobin, MA, Psychology, Wayne State University, Detroit, MI, Derek Wildman, Ph.D, Center for Molecular Medicine and Genetics, Wayne State University School of Medicine, Detroit, MI, Heidi Kane, PhD, Psychology, Wayne State University, Detroit, MI, Wayne Pierantoni, MD, Allergy, Asthma, and Immunology, Grosse Pointe Allergy and Asthma Center, Eastpointe, MI, Elizabeth Secord, MD, Allergy, Asthma, and Immunology, Children's Hospital of Michigan, Detroit, MI, Richard B. Slatcher, PhD, Psychology, Wayne State University, Detroit, MI

Abstract 1669: ASTHMA PHENOTYPES AND THEIR ASSOCIATION WITH THE ASTHMA-OBESITY RELATIONSHIP
Simon L. Bacon, PhD, Montreal Behavioural Medicine Centre, Concordia University & HSCM, Montreal, Quebec, Canada, Catherine Lemiere, MD, Medicine, Ariane Jacob, BA, Montreal Behavioural Medicine Centre, Karim Maghnii, PhD, Research Centre, Kim L. Lavoie, PhD, Montreal Behavioural Medicine Centre, HSCM, Montreal, Quebec, Canada

Paper Session: Weight Management
Chair: Kazu Yoshiuchi, MD, PhD
Marina Room
Abstract 1241: DEPRESSIVE SYMPTOM SEVERITY AND WEIGHT LOSS BEHAVIORS: DATA FROM THE NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES) 2005-2010
Elizabeth A. Vrany, BA, Psychology, Indiana University-Purdue University Indianapolis, Indianapolis, IN, Misty Hawkins, PhD, Psychology, Kent State University, Kent, OH, Jesse C. Stewart, PhD, Psychology, Indiana University-Purdue University Indianapolis, Indianapolis, IN

Abstract 1221: WEIGHT LOSS AND PSYCHOLOGICAL FUNCTIONING 9 YEARS AFTER BARIATRIC SURGERY RESULTS FROM THE MULTICENTRE, PROSPECTIVE ESSEN-BOCHUM OBESITY TREATMENT STUDY (EBOTS)
Stephan Herpertz, Professor, Psychosomatic Medicine and Psychotherapy, University of Bochum, Bochum, NRW, Germany, Legenbauer Tanja, Professor, Child and Adolescent Psychiatry, University of Bochum, Hamm, NRW, Germany, Ramona Burgmer, PhD, Psychosomatic Medicine and Psychotherapy, University of Bochum, Bochum, NRW, Germany, Ross Crosby, Professor, Clinical Neuroscience, University of North Dakota School of Medicine, Fargo, North Dakota, Martina de Zwaan, Professor, Astrid Müller, MD, PhD, Psychosomatic Medicine and Psychotherapy, Hannover Medical School, Hannover, Niedersachsen, Germany
Abstract 1059: EVALUATION OF TELEMOVE: A TELEHEALTH WEIGHT REDUCTION INTERVENTION FOR VETERANS WITH OBESITY
Jane A. Skoyen, MA, Thomas Rutledge, PhD, Psychiatry, University of California, San Diego, San Diego, CA, Julie A. Wiese, MSN., Department of Veteran Affairs, VA San Diego, San Diego, CA, Gina N. Woods, MD, Department of Medicine, University of California, San Diego, San Diego, CA

Abstract 1801: COMBATING OBESITY-RELATED INFLAMMATION: ROLE OF PHYSICAL FITNESS VIA BETA-ADRENERGIC RECEPTOR RESPONSIVITY
Suzi Hong, PhD, Stoyan Dimitrov, PhD, Christopher Pruitt, BS, Farah Shaikh, PhD, Nuzhat Beg, MD, Psychiatry, University of California San Diego, La Jolla, CA

2:15 – 3:45 pm
Concurrent Sessions
Symposium 1309: Stretching the Boundaries: from Mind Wandering to Perseverative Cognition
Chair: Cristina Ottaviani, PhD and Sarah Garfinkel, PhD
Grand Ballroom A
Individual Abstract Number 1312: COGNITIVE RIGIDITY IS MIRRORED BY AUTONOMIC INFLEXIBILITY: THE MIND WANDERING-PERSEVERATIVE COGNITION CONTINUUM HYPOTHESIS
Cristina Ottaviani, PhD, Alessandro Couyoumdjian, PhD, Psychology, Sapienza University of Rome, Rome, Italy

Individual Abstract Number 1421: PAST, FUTURE, GOOD, BAD: THE NEURAL NETWORKS SUPPORTING CONTENT IN SELF-GENERATED THOUGHT Sarah Garfinkel, PhD, Psychiatry, Brighton and Sussex Medical School, Falmer, East Sussex, United Kingdom, Simon L. Evans, PhD, Psychiatry, Brighton and Sussex Medical School, Falmer, East Sussex, UK, Hugo D. Critchley, PhD, Psychiatry, Brighton and Sussex Medical School, Falmer, East Sussex, UK

Individual Abstract Number 1440: MORE THAN MEETS THE MIND: WORRIES AND IMPLICIT AFFECT ARE ASSOCIATED WITH CORTISOL IN DAILY LIFE Bart Verkuil, PhD, Clinical Psychology, Jos F. Brosschot, PhD, Health, Medical and Neuro Psychology, Joram C. L. Mossink, BSc, Andreas M. Burger, BSc, Clinical Psychology, Leiden University - Institute of Psychology, Leiden, Zuid-Holland, The Netherlands

Individual Abstract Number 1414: THE NEURAL BASIS OF ENHANCED SELF-FOCUS ATTENTION IN PATIENTS WITH MAJOR DEPRESSION Karl-Jürgen Bär, MD, Psychiatry and Psychotherapy, University of Jena, Jena, Germany, Claudia Schachtzabel, Diplom, Gerd Wagner, PhD, Psychiatry and Psychotherapy, University of Jena, Iena, Germany

Paper Session: Adverse Childhood Experiences
Chair: Bill Lovallo, PhD
Bayview A
Abstract 1837: ADVERSE CHILDHOOD EXPERIENCES AND PREDICTED LONG-TERM CARDIOVASCULAR DISEASE RISK
Cari Jo Clark, ScD, Susan A. Everson-Rose, PhD, Medicine, University of Minnesota Medical School, Minneapolis, MN, Rachael A. Spencer, MPA, Newburgh, NY, Alvaro Alonso, MD, PhD, Epidemiology and Community Health, University of Minnesota School of Public Health, Minneapolis, MN, Shakira F. Suglia, ScD, Epidemiology, Columbia University Mailman School of Public Health, New York, NY

Abstract 1024: ADVERSE CHILDHOOD EXPERIENCES ARE ASSOCIATED WITH DETRIMENTAL HEMODYNAMICS AND ELEVATED CIRCULATING ENDOTHELIN-1 IN ADOLESCENTS AND YOUNG ADULTS
Shaoyong Su, PhD, Xiaoling Wang, MD, PhD, Gaston K. Kapuku, PhD, Pediatrics, Georgia Regents University, Augusta, GA, Frank A. Treiber, PhD, Technology Applications Center for Healthful Lifestyles, Medical University of South Carolina, Charleston, SC, David M. Pollock, PhD, Medicine, Gregory A. Harshfield, PhD, Pediatrics, W. Vaughn McCall, MD, Psychiatry & Health Behavior, Jennifer S. Pollock, PhD, Medicine, Georgia Regents University, Augusta, GA

Abstract 1703: CHILDHOOD SELF-DISCIPLINE AND PHYSIOLOGICAL DYSREGULATION IN MIDLIFE
Michael Daly, PhD, Behavioural Science Centre, Stirling Management School, University of Stirling, Stirling, Stirlingshire, United Kingdom

Abstract 1212: ADOLESCENT INTERNALIZING SYMPTOMS AND NEGATIVE LIFE EVENTS: THE SENSITIZING EFFECTS OF EARLY LIFE STRESS AND CORTISOL Paula L. Ruttle, PhD, Jeffrey M. Armstrong, MS, Marjorie H. Klein, PhD, Ned H. Kalin, MD, Marilyn J. Essex, PhD, Psychology, University of Wisconsin-Madison, Madison, WI

Maria M. Liabre, PhD, William Arguelles, PhD, Psychology, University of Miami, Coral Gables, FL, Linda Gallo, PhD, Psychology, San Diego State, San Diego, CA, Frank Penedo, PhD, Medical Social Sciences, Northwestern University, Chicago, IL, Neil Schneiderman, PhD, Psychology, University of Miami, Coral Gables, FL

Abstract 1627: IDENTIFYING THE CAUSE OF PHYSICAL HEALTH DISPARITIES BETWEEN SEXUAL MINORITIES AND HETEROSEXUALS: CHILDHOOD VICTIMIZATION
Judith P. Andersen, PhD, Psychology, University of Toronto Mississauga, Mississauga, Ontario, Canada, Christopher P. Zou, MA, Psychology, University of Toronto, Mississauga, Ontario, Canada, John R. Blosnich, PhD, MPH, Center of Excellence for Suicide Prevention, University of Rochester, Canandaigua, NY
Paper Session: Sleep  
Chair: Aric Prather, PhD  
Seacliff A/B

Abstract 1754: POOR SLEEP AS A PATHOPHYSIOLOGICAL PATHWAY UNDERLYING THE ASSOCIATION BETWEEN STRESS AND CORTISOL IN YOUTH  
Jinshia Ly, MA, Jennifer J. McGrath, PhD, M.P.H., Pediatric Public Health Psychology Lab, Concordia University, Montreal, Quebec, Canada

Abstract 1757: FATIGUE, CORTISOL AWARENING AND SALIVARY ALPHA-AMYLASE RESPONSE IN HEALTHY YOUNG ADULTS: EVIDENCE FROM AN ACUTE SLEEP RESTRICTION MANIPULATION  
Éanna D. O’Leary, H. Dip. Psych, School of Psychology, Centre for Research on Occupational and Life Stress (CROLS), Galway, Galway, Ireland, Siobhán Howard, PhD, Department of Psychology, Mary Immaculate College-University of Limerick, Limerick, Limerick, Ireland, Jack E. James, PhD, Department of Psychology, Reykjavik University, Reykjavik, Reykjavik, Iceland

Abstract 1537: SLEEP QUALITY MODERATES THE STRESS BUFFERING EFFECTS OF SOCIAL SUPPORT ON SALIVARY ALPHA AMYLASE LEVELS  
Kathi L. Heffner, PhD, Psychiatry, University of Rochester School of Medicine and Dentistry, Rochester, NY, Nicolas Rohleder, PhD, Psychology, Brandeis University, Waltham, MA

Abstract 1069: DIFFICULTY FALLING ASLEEP IS ASSOCIATED WITH ATTENUATED HEART RATE RECOVERY AMONG CARDIAC REHABILITATION PATIENTS WITH INSOMNIA  
Kristin J. Horsley, BA, Codie R. Rouleau, M.Sc., Tavis S. Campbell, Ph.D, Psychology, University of Calgary, Calgary, Alberta, Canada

Abstract 1522: NAP BEHAVIOR AND NIGHTTIME SLEEP: ASSOCIATION WITH DEPRESSIVE SYMPTOMS IN THE MIDUS II BIOMARKER STUDY  
Jaime K. Devine, BA, Neuroscience, Brandeis University, Brighton, Massachusetts, Jutta M. Wolf, PhD, Psychology, Brandeis University, Waltham, MA

Paper Session: Cardiovascular Disease  
Chair: Bruce Rollman, MD  
Seacliff C/D

Abstract 1394: NUMBER OF STRESSFUL LIFE EVENTS IS A STRONGER PREDICTOR OF INCIDENT CARDIOVASCULAR DISEASE AMONG ADULTS WITH VERSUS WITHOUT A LIFETIME DEPRESSIVE DISORDER: NATIONAL EPIDEMIOLOGIC SURVEY ON ALCOHOL AND RELATED CONDITIONS (NESARC)  
Jessica Berntson, BA, Jesse C. Stewart, PhD, Psychology, Indiana University - Purdue University, Indianapolis, Indianapolis, IN

Abstract 1316: ABUSE AND SUBCLINICAL CARDIOVASCULAR DISEASE AMONG MIDLIFE WOMEN: FINDINGS FROM THE STUDY OF WOMENS HEALTH ACROSS THE NATION  
Rebecca C. Thurston, PhD, Psychiatry, Yuefang Chang, PhD, Neuroscience, University of Pittsburgh, Pittsburgh, PA, Carol A. Derde, PhD, Neurology, Albert Einstein College of Medicine, Bronx, NY, Joyce T. Bromberger, PhD, Epidemiology, University of Pittsburgh, Pittsburgh, PA, Sioban D. Harlow, PhD, Epidemiology, University of Michigan, Ann Arbor, Michigan, Imke Janssen, PhD, Preventive Medicine, Rush University, Chicago, IL, Karen A. Matthews, PhD, Psychiatry, University of Pittsburgh, Pittsburgh, PA

Abstract 1551: ANGER, HOSTILITY AND RE-HOSPITALIZATIONS IN PATIENTS WITH HEART FAILURE IN THE BETRHEART STUDY  
Felicia A. Keith, BA, Kerry Whittaker, PhD, Medical and Clinical Psychology, Kristie Harris, MA, Psychology, Uniformed Services University, Bethesda, MD, Andrew J. Wawrzynek, PhD, Division of Infectious Diseases, University of Miami Miller School of Medicine, Coral Gables, FL, Christina L. Rush, MA, Medical and Clinical Psychology, Uniformed Services University, Bethesda, MD, Weiss F. Andrea, BA, Medical and Clinical Psychology, Uniformed Services University, Bethesda, MD, Catherine M. Ware, MA, Medical and Clinical Psychology, Uniformed Services University, Bethesda, MD, Stephen S. Gottlieb, MD, Division of Cardiology, University of Maryland Medical Center, Baltimore, MD, David S. Krantz, PhD, Medical and Clinical Psychology, Uniformed Services University, Bethesda, MD

Abstract 1269: THE RELATION BETWEEN STEROID PROHORMONE DEHYDROEPIANDROSTERONE SULPHATE (DHEAS) AND DEPRESSION DIMENSIONS IN PATIENTS WITH CHRONIC HEART FAILURE  
Nina Kupper, PhD, Johan Denollet, PhD, Medical & Clinical Psychology, Tilburg University, Tilburg, Noord-Brabant, the Netherlands, Bert Westerhuis, PhD, Clinical chemistry and hematology, St. Elisabeth hospital, Tilburg, Noord-Brabant, the Netherlands, Paula M. Mommersteeg, PhD, Medical & Clinical Psychology, Tilburg University, Tilburg, Noord-Brabant, the Netherlands

Abstract 1849: IMPACT OF PATIENT EXPECTATIONS PRIOR TO CARDIAC SURGERY ON POSTOPERATIVE OUTCOMES  
Sari D. Holmes, PhD, Lisa M. Martin, PhD, Casey Miller, BS, Niv Ad, MD, Cardiac Surgery Research, Inova Heart and Vascular Institute, Falls Church, VA

Abstract 1462: SELF-CARE AND SURVIVAL IN PATIENTS WITH CHRONIC HEART FAILURE  
Dionne Kessing, MSc, Johan Denollet, PhD, Jos Widdershoven, MD, PhD, Nina Kupper, PhD, Medical and Clinical Psychology, Tilburg University, Tilburg, NB, The Netherlands
Paper Session: Improving Medical Outcomes
Chair: Maida Sewitch, PhD
Marina Room

Abstract 1626: THE STANFORD INTEGRATED PSYCHOSOCIAL ASSESSMENT FOR TRANSPLANTATION (SIPAT): A PROSPECTIVE STUDY OF MEDICAL & PSYCHOSOCIAL OUTCOMES
Jose R. Maldonado, MD, Yelizaveta Sher, MD, Sermsak Lolak, MD, Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA

Abstract 1617: MANAGEMENT OUTCOMES OF INDEX SUICIDE ATTEMPTS
Chaitanya P. Pabbati, MD, Psychiatry, University of California, San Diego, San Diego, CA, John M. Bostwick, MD, Psychiatry, Mayo Clinic, Rochester, MN

Abstract 1672: BRIEF COGNITIVE BEHAVIORAL AND RELAXATION THERAPY INTERVENTIONS AFTER SURGERY FOR BREAST CANCER IMPROVE AFFECT AND DEMONSTRATE INTERVENTION-SPECIFIC EFFECTS
Lisa M. Gudenkauf, MS, Laura C. Bouchard, MS, Devika R. Jutagir, BA, Jamie M. Stagl, MS, Psychology, University of Miami, Coral Gables, FL, Suzanne Lechner, PhD, Psychology and Psychiatry, Bonnie Blomberg, PhD, Microbiology and Immunology, University of Miami Miller School of Medicine, Miami, FL, Stefan Glück, MD, PhD, Sylvester Comprehensive Cancer Center, University of Miami, Miami, FL, Charles S. Carver, PhD, Michael H. Antoni, PhD, Psychology, University of Miami, Coral Gables, FL

Abstract 1727: TREATING CANCER-RELATED FATIGUE WITH SYSTEMATIC LIGHT EXPOSURE
William H. Redd, PhD, Oncological Sciences, Icahn School of Medicine at Mount Sinai, New York, NY, Heiddis Valdimarsdottir, PhD, Oncological Sciences, Icahn School of Medicine at Mt. Sinai, New York, NY

Abstract 1155: THE PATIENT-CENTEREDNESS SELF-EFFICACY QUESTIONNAIRE A NEW MEASURE OF MEDICAL STUDENT AND PHYSICIAN CONFIDENCE IN EXHIBITING PATIENT-CENTERED BEHAVIORS
Robert Zachariae, DMSci, Maja O’Connor, PhD, Martin Olesen, PhD, Unit for Psychooncology and Health Psychology, Aarhus University Hospital, Aarhus, Jutland, Denmark, Louise Kjær, MSc, Anne Mette Marcke, PhD, Medical Education, Aarhus University, Aarhus, Jutland, Denmark, Marianne Thygesen, PhD, Gynecology and Obstetrics, University of Southern Denmark, Odense, Funen, Denmark, Berit Lasseåsen, PhD, Center for Teaching and Learning, Aarhus University, Aarhus, Jutland, Denmark

Abstract 1347: IMPACT OF A PRENATAL COGNITIVE BEHAVIORAL STRESS MANAGEMENT INTERVENTION ON MATERNAL STRESS AND MOOD OUTCOMES DURING PREGNANCY: THE SMART MOMS PROJECT
Guido Urizar, PhD, Taleen Perian, BA, Psychology, CSULB, Long Beach, CA, Chris Dunkel Schetter, PhD, Psychology, UCLA, Los Angeles, CA, Ilona Yim, PhD, Psychology & Social Behavior, UCI, Irvine, CA

3:45 – 4:00 pm Break

4:00 – 5:00 pm Plenary Address
Depression and Diabetes: Epidemiology and Population-base Treatment
Introduction: Peter Shapiro, MD, Columbia University, New York, NY
Speaker: Wayne Katon MD, Professor and Vice Chair, Department of Psychiatry, University of Washington, Seattle, WA
Grand Ballroom A
This lecture will describe the adverse effect of comorbid depression in patients with diabetes on self care (ie adherence to diet, exercise, cessation of smoking and taking medications as prescribed), somatic symptom burden, functioning, macrovascular and microvascular complications, cognitive impairment and mortality. The lecture will also describe the results of several large trials testing collaborative care approaches compared to usual primary care in terms of improving depression outcomes and medical disease control. A new multicondition model of collaborative care will be described that has been shown to improve depression outcomes and medical disease control (ie lowering of HbA1c, systolic blood pressure and LDL cholesterol) and is associated with medical cost savings.

5:00 – 6:30 pm Poster Session 2
Grand Ballroom B/C and foyers
Posters #167 through #288 will be presented

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

Saturday, March 15

7:00 am – 5:00 pm Registration
Grand Foyer

8:00 – 9:00 am Morning Sessions
2015 Program Committee Meeting
Marina Room
Continental Breakfast (A light breakfast will be served.)
Grand Foyer
Paul D. MacLean Award Lecture: Interaction between Serotonergic and Dopaminergic Midbrain Nuclei with Prefrontal Regions in Healthy Subjects and Depressed Patients

Introduction: Hugo Critchley, DPhil, MRCPsych, Brighton and Sussex Medical School, Brighton, UK

Award Recipient: Karl-Jürgen Bär, MD, Universitätsklinikum Jena, Klinik für Psychiatrie und Psychotherapie, Jena, Germany

Herbert E. Weiner Early Career Award Lecture: Divorce and Health: What Do We Know and Where Are We Headed?

Introduction: Karen Weiss, MD, University of Arizona, Tucson, AZ

Award Recipient: David Sbarra, PhD, University of Arizona, Tucson, AZ

This talk centers on why marital separation and divorce provide an ideal “model system” for studying psychological stress and health more generally. I will discuss my work in the areas of social epidemiology and social psychophysiology, all of which focuses on understanding the potential mechanisms linking stressful marital transitions to poor distal health.

Patricia R. Barchas Award Lecture: Getting Along and Getting Ahead: An Interpersonal Perspective on Cardiovascular Risk

Introduction: Suzanne C. Segerstrom, PhD, University of Kentucky, Lexington, KY

Award Recipient: Timothy W. Smith, PhD, Department of Psychology, University of Utah, Salt Lake City, UT

As inherently social creatures, humans face two key interpersonal tasks – maintaining positive relationships and navigating status hierarchies. Psychosocial risk factors for cardiovascular disease and the underlying psychophysiological mechanisms involve these two basic concerns. Related concepts and methods of the interpersonal perspective in psychology provide an integrative framework for understanding risks that are aggregated across people and the social contexts they inhabit, and which accumulate over the life course. Recurring patterns of interpersonal experience may represent the psychosocial “final common pathway” of risk, and could be useful targets in risk reduction.

11:00 – 11:15 am

Break

11:15 am – 12:30 pm

Concurrent Sessions

Invited Symposium: Effects of Prenatal Environment on Child and Maternal Health Outcome

Chair: Michele Okun, PhD, University of Colorado, Colorado Springs

Presenters: Laura Glynn, PhD, Catherine Monk, PhD, and Guido Urizar, PhD

Discussant: Mary Coussons-Read, PhD, University of Colorado, Colorado Springs, CO

Grand Ballroom A

A CRITICAL PERIOD OF NEURODEVELOPMENT: FROM THE FEMALE BRAIN TO THE MATERNAL BRAIN

Laura Glynn, PhD, Chapman University, Orange, CA

In the lifespan of the human female, no other naturally-occurring hormone exposures are more extreme than those experienced during the perinatal period, and these exposures are critical for priming the maternal brain for the challenges of motherhood. Reproduction is associated with broad modifications to the behavioral repertoire of the female, including adjustments in sensitivity to sensory stimulation, increased responsiveness to young, changes in stress responding and aggressive behavior, as well as alterations in a range of cognitive functions. The remarkable neuroplasticity of the female brain is necessary to augment the female’s ability to protect, nurture and provide for her offspring. This presentation will focus on the abundant evidence from animal models and an increasing number of studies in the human female suggesting that the changes in the maternal brain are profound and enduring, supporting the premise that the perinatal period represents a critical period of neurodevelopment, not only for the fetus, but also for the mother.

STRESS, MEDICATION, & EXERCISE: WOMEN’S LIVES & FETAL DEVELOPMENT

Catherine Monk, PhD, Columbia University, New York, NY

Epidemiological and clinical studies point to associations between elevated stress during pregnancy and variation in child development including risk for ADHD and decrements in cognitive development. Research results on the effects of women’s psychotropic medication are quite mixed while the influence of exercise has been less studied. This talk will consider these maternal factors in relation to the child at the time of their potential influence, that is, during the prenatal period. Drawing on results from different samples, data will be presented linking women's psychiatric symptoms, daily stress, medications, and activity level to variation in fetal behavior and development. Assessing the fetus provides an additional time point in the accumulating cross sectional data relating women's experiences to child outcomes — with an advantage: looking at the fetus removes the potential of postnatal effects.

PRELIMINARY RESULTS OF COGNITIVE BEHAVIORAL STRESS MANAGEMENT (CBSM) ON POSTPARTUM STRESS LEVELS IN LOW-INCOME WOMEN: THE SMART MOMS PROJECT

Guido Urizar, PhD, Taleen Perian, BA, Amanda Ramos, BA, California State University, Long Beach, CA; Ilona S. Yim, PhD, University of California, Irvine, CA; and Christine Dunkel Schetter, PhD, University of California, Los Angeles, CA

A growing number of studies indicate that stress during pregnancy and the postpartum period can lead to significant long-term health problems for low-income mothers and their infants. Yet, few studies have examined how to regulate stress in this population. The current randomized trial examined whether low-income pregnant women (58% English-speaking, 42% Spanish-speaking) who participated in a prenatal cognitive behavioral stress management (CBSM) group intervention, demonstrated reductions in perceived stress at three months postpartum compared to women in an attention-control (AC) group. Women receiving the CBSM intervention displayed lower levels of stress throughout pregnancy and at three months postpartum compared to women in the AC group. Furthermore, women who received the CBSM intervention in English showed greater decreases in perceived stress levels over time, due to continued use of the CBSM relaxation and coping skills taught, than women who received the CBSM intervention in Spanish. These findings suggest that prenatal CBSM group interventions can be effective in reducing stress among low-income pregnant women, but may need to be tailored differently for English- and Spanish-speaking pregnant women, respectively.

Symposium 1224: Sexual Minority Stress and Risk for Physical Health Problems: Psychosocial and Biological Mediators

Chair: Eli Puterman, PhD

Discussant: Andrew Wawrzyniak, PhD

Bayview A

Individual Abstract Number 1455: SOURCES OF DISCRIMINATION AND THEIR ASSOCIATIONS WITH PHYSICAL HEALTH IN SEXUAL MINORITIES.

Wilson S. Figueroa, BA, Department of Psychology, Ohio University, Athens, OH, Peggy M. Zoccola, PhD, Psychology, Ohio University, Athens, OH
Individual Abstract Number 1456: DISPARITIES IN PHYSICAL HEALTH CONCERNS AMONG LESBIAN, GAY, BISEXUAL AND TRANSGENDER (LGBT) CANCER SURVIVORS
Charles Kamen, PhD, Department of Surgery, University of Rochester Medical Center, Rochester, NY, Oxana Palesh, PhD, MPH, Department of Psychiatry, Stanford University, Stanford, CA, Michael Andrykowski, PhD, Department of Psychology, University of Kentucky, Lexington, KY, Gary Morrow, PhD, Karen M. Mustian, PhD, MPH, Department of Surgery, University of Rochester Medical Center, Rochester, NY

Individual Abstract Number 1466: STRUCTURAL STIGMA AND HYPOTHALAMIC-PITUITARY-ADRENOCORTICAL AXIS REACTIVITY IN LESBIAN, GAY, AND BISEXUAL YOUNG ADULTS
Mark L. Hatzenbuehler, PhD, Mailman School of Public Health, Columbia University, New York, NY, Katie McLaughlin, PhD, Department of Psychology, University of Washington, Seattle, WA

Individual Abstract Number 1467: SEXUAL ORIENTATION AND SEX HORMONES IN RELATION TO STRESS REACTIVE CORTISOL
Robert-Paul Juster, PhD Candidate, Integrated Program in Neuroscience, McGill University, Montreal, QC, Canada, Mark Hatzenbuehler, PhD, Department of Sociomedical Sciences, Mailman School of Public Health, Columbia University, New York, NY, Jens C. Pruessner, PhD, Departments of Psychiatry, Psychology, Neurology and Neurosurgery, McGill University, Verdun, Quebec, Canada, Sonia Lupien, PhD, Department of Psychiatry, University of Montreal, Montreal, Quebec, Canada

Paper Session: Emotions, Stress and Acute Coronary Events
Chair: David Krantz, PhD

Seacliff A/B
Abstract 1175: THE MOSAIC STUDY: RANDOMIZED TRIAL OF A LOW-INTENSITY COLLABORATIVE CARE INTERVENTION FOR DEPRESSION AND ANXIETY DISORDERS IN PATIENTS WITH ACUTE CARDIAC ILLNESS
Jeff C. Huffman, MD, Psychiatry, Harvard Medical School, Boston, MA, Carol A. Mastromauro, MSW, Psychiatry, Massachusetts General Hospital, Boston, MA, Scott R. Beach, MD, Christopher M. Celano, MD, Psychiatry, Harvard Medical School, Boston, MA, Christina M. Dubois, BA, Psychiatry, Massachusetts General Hospital, Boston, MA, Brian C. Healy, PhD, Neurology, Harvard Medical School, Boston, MA, Laura R. Suarez, MD, Psychiatry, Massachusetts General Hospital, Boston, MA, Bruce L. Rollman, MD, Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, James L. Januzzi, MD, Medicine, Harvard Medical School, Boston, MA

Abstract 1036: RELATIONSHIPS BETWEEN DEPRESSION, DIETARY HABITS, AND CARDIOVASCULAR MORTALITY AND EVENTS AMONG WOMEN WITH SUSPECTED MYOCARDIAL ISCHEMIA
Thomas Rutledge, PhD, Psychiatry, VA San Diego Healthcare System/UC San Diego, San Diego, California, Tanya Kenkre, PhD, Epidemiology, University of Pittsburgh, Pittsburgh, PA, Diane Thompson, MS, Department of Cardiovascular Medicine, Allegheny General Hospital, Pittsburgh, PA, Vera Bittner, MD, Medicine, University of Alabama at Birmingham, Birmingham, AL, Kerry Whittaker, PhD, Department of Global and Clinical Health, George Mason University, Fairfax, VA, Jo-Ann Eastwood, PhD, Nursing-Health Promotion Sciences Section, UCLA, Los Angeles, CA, Wafa Etteiba, MD, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA, Carol Cornell, PhD, Health Behavior and Health Education, of Arkansas for Medical Sciences, Little Rock, AR, David S. Krantz, PhD, Medical and Clinical Psychology, Uniformed Services University, Bethesda, MD, Carl Pepine, MD, Division of Cardiovascular Medicine, University of Florida, Gainesville, FL, Delia Johnson, PhD, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA, Eileen Handberg, PhD, Medicine, University of Florida, Gainesville, FL, C. Noel Bairey Merz, MD, Medicine, Cedars-Sinai Medical Center, Los Angeles, CA

Abstract 1668: PERSONALITY FACTORS AFFECTING CORONARY ARTERY DISEASE: TYPE D, THE FIVE-FACTOR MODEL, AND ADVERSE EVENTS
Johan Denollet, PhD, Nina Kupper, PhD, Medical and Clinical Psychology, Tilburg University, Tilburg, North Brabant, Netherlands

Abstract 1575: YOUNG WOMEN HAVE A HIGHER RATE OF MYOCARDIAL ISCHEMIA INDUCED BY EMOTIONAL STRESS THAN AGE-MATCHED MEN AFTER MYOCARDIAL INFARCTION
Viola Vaccarino, MD, PhD, Amit J. Shah, MD, MSCR, Pratik Pimple, MBBS, MPH, Cherie Rooks, PhD, Epidemiology, Emory Univ. Rollins School of Public Health, ATLANTA, GA, Jonathan Nye, PhD, Radiology, J D. Brenner, MD, Psychiatry, Emory Univ. School of Medicine, ATLANTA, GA, Paolo Raggi, MD, Cardiology, Univ. of Alberta School of Medicine, Edmonton, AB, Canada

Abstract 1645: ANGER AND ANXIETY PRIOR TO MYOCARDIAL INFARCTION AS PREDICTOR OF 10-YEAR ALL-CAUSE MORTALITY
Loes Smeijers, MSc., Medical and Clinical Psychology, CoRPS, Tilburg University, Tilburg, the Netherlands, Elizabeth Mostofsky, MPH, ScD, Cardiovascular Epidemiology Research Unit, Harvard School of Public Health, Beth Israel Deaconess Medical Center, Boston, MA, Willem J. Kop, PhD, Medical and Clinical Psychology, CoRPS, Tilburg University, Tilburg, the Netherlands, Murray A. Mittleman, MD, DrPH, Cardiovascular Epidemiology Research Unit, Harvard School of Public Health, Beth Israel Deaconess Medical Center, Boston, MA

Paper Session: Social Relationships
Chair: David Sbarra, PhD

Seacliff B/C
Abstract 1798: SOCIA L ISOLATION, LONELINESS AND PHYSICAL FUNCTION IN OLDER ADULTS
Aparna Shankar, PhD, Anne McMunn, PhD, Panayotes Demakakos, PhD, Mark Hamer, PhD, Andrew Steptoe, DSc, Epidemiology & Public Health, UCL, London, London, UK

Abstract 1413: PATHWAYS TO DEPRESSION IN UNEMPLOYMENT DEPEND ON WHOM YOU COMPARE YOURSELF TO
Ashley M. Geiger, MA, Psychology, Brandeis University, Waltham, MA, Jutta M. Wolf, PhD, Psychology, Brandeis University, Waltham, MA

Abstract 1587: COUPLES COPING WITH RHEUMATOID ARTHRITIS: HOW SPOUSE SUPPORT MODERATES THE EFFECT OF PATIENT CATASTROPHIZING ON SUBSEQUENT PAIN
Ellen Stephenson, BSc, Psychology, University of British Columbia, Vancouver, British Columbia, Canada, David B. King, PhD, Interdisciplinary Research in the Mathematical and Computational Sciences Centre, Simon Fraser University, Burnaby, British Columbia, Canada, Susan Holtzman, PhD, Psychology, University of British Columbia,
Kelowna, British Columbia, Canada, Mariët Hagedoorn, PhD, Faculty of Medical Sciences, University of Groningen, Groningen, Groningen, the Netherlands, Anita DeLongis, PhD, Psychology, University of British Columbia, Vancouver, British Columbia, Canada

Abstract 1552: SYNCHRONY IN BEDPARTNERS SLEEP-WAKE PATTERNS: A NOVEL APPROACH TO STUDYING CO-REGULATION AMONG COUPLES
Heather E. Gunn, PhD, Daniel J. Buyssse, MD, Psychiatry, University of Pittsburgh, Pittsburgh, PA, Wendy M. Troxel, PhD, Behavioral Science, RAND Corporation, Pittsburgh, PA

Abstract 1133: SOCIAL RELATIONSHIPS ARE INVERSELY ASSOCIATED WITH DEPRESSION AND DEPRESSIVE SYMPTOMS IN A REPRESENTATIVE SAMPLE OF SWISS ADULTS
Steven D. Barger, PhD, Psychology, Northern Arizona University, Flagstaff, AZ, Nadine Messerli-Bürgy, PhD, Clinical Psychology and Psychotherapy, University of Bern, Jürgen Barth, PhD, Institute of Social and Preventive Medicine, University of Bern, Bern, Switzerland

12:30 – 2:00 pm Roundtables, Special Meetings or Lunch on Your Own
RT#6: APS meets PNIRS
Facilitators: Jutta Wolf, PhD, Suzi Hong, PhD, Nicolas Rohleder, PhD, Suzanne Segerstrom, PhD and Anna Marsland, PhD
Marina Room
Fostering connections between the American Psychosomatic Society (APS) and the Psychoneuroimmunology Research Society (PNIRS), this roundtable discussion will focus on the integration of immunological methods into psychosomatic medicine research. Themes of the roundtable discussions will cover a) immunology-related procedural issues, such as sample handling, storage, as well as costs and equipment needs. Furthermore, b) immune mechanism-related pitfalls will be addressed, such as sample collection timing issues. Lastly, c) the discussion on interpreting immunological data will put a special emphasis on linking immunological findings to health-relevant outcomes. Roundtable discussants work at the interface of immunological and psychosomatic medicine and will aim at providing attendants with all the tools needed to include immunological methods and immune-related research questions into their current research.

RT#7: MacLean Award Neuroscience Roundtable
Bayview B

RT#8: Oken Fellowship Roundtable
Facilitator: David Spiegel, MD
Golden Gate Room
The recipient of the 2014 Donald Oken Fellowship, will be invited to facilitate a roundtable discussion on the psychosocial dimensions of cancer.

2:00 – 3:15 pm Concurrent Sessions
Symposium 1199: New Directions in Positive Psychobiology: Measurement, Mechanisms & Interventions
Chair: Sarah Pressman, PhD
Discussant: Annette Stanton, PhD
Grand Ballroom A
Individual Abstract Number 1371: VARIABILITY ADDS TO LIFE SATISFACTION’S ASSOCIATION WITH PREMATURE MORTALITY IN OLDER ADULTS
Julia K. Boehm, PhD, Psychology, Chapman University, Orange, CA, Ashley Winning, MPH, Social and Behavioral Sciences, Harvard School of Public Health, Boston, MA, Suzanne Segerstrom, PhD, Psychology, University of Kentucky, Lexington, KY, Laura D. Kubzansky, PhD, Social and Behavioral Sciences, Harvard School of Public Health, Boston, MA

Individual Abstract Number 1319: DAILY POSITIVE EVENTS, DAILY STRESSORS, AND INFLAMMATION
Nancy L. Sin, PhD, Center for Healthy Aging, David M. Almeida, PhD, Human Development and Family Studies, Pennsylvania State University, University Park, PA

Individual Abstract Number 1207: DO POSITIVE FACIAL EXPRESSIONS REDUCE AVERSIVE PHYSIOLOGICAL AND PSYCHOLOGICAL RESPONSES TO NEEDLE INJECTION?
Sarah Pressman, PhD, Psychology & Social Behavior, University of California, Irvine, Irvine, California, Tara L. Kraft, MA, Psychology, University of Kansas, Lawrence, KS, Amanda M. Acevedo, BA, Alysha N. Chagany, BA, Psychology & Social Behavior, University of California, Irvine, Irvine, California

Individual Abstract Number 1348: LILAC: A POSITIVE AFFECT INTERVENTION FOR WOMEN WITH METASTATIC BREAST CANCER TO ADDRESS STRESS, POSITIVE AFFECT AND QUALITY OF LIFE
Judith T. Moskowitz, PhD, Department of Medicine, Osher Center for Integrative Medicine, University of California San Francisco, San Francisco, CA

Symposium 1198: Prenatal exposure to maternal stress: implications for brain and behavior
Chairs: Gerald F. Giesbrecht, PhD, R.Psych and Elyssia P. Davis, PhD
Discussant: Catherine Monk, PhD
Bayview A
Individual Abstract Number 1244: PRENATAL CORTISOL EXPOSURE AND EARLY INFANT RESPIRATORY SINUS ARRHYTHMIA REACTIVITY
Joshua Rash, M.Sc., Psychology, Umar Sajid, BHSc (Hons), Health Sciences, Tavis Campbell, PhD, Psychology, Nicole Letoumeau, PhD, Nursing & Medicine (Pediatrics), Gerald F. Giesbrecht, PhD, Paediatrics, University of Calgary, Calgary, AB, Canada

Individual Abstract Number 1802: CULTURAL STRESSORS INFLUENCE PRENATAL CORTISOL AND SUBSEQUENT INFANT STRESS REACTIVITY IN THE MEXICAN MOTHER-CHILD DYAD
Kimberly L. D’Anna-Hernandez, PhD, Psychology, California State University San Marcos, San Marcos, CA
Individual Abstract Number 1287: FETAL EXPERIENCES INFLUENCE CHILD BRAIN AND BEHAVIORAL DEVELOPMENT
Elysia Davis, PhD, Psychology, University of Denver, Denver, Co

Individual Abstract Number 1476: PERINATAL DIETARY CHOLINE SUPPLEMENTATION MITIGATES THE DELETERIOUS EFFECTS OF MATERNAL STRESS ON OFFSPRING COGNITIVE AND AFFECTIVE FUNCTIONING
Kalynn M. Schulz, PhD, Psychiatry, University of Colorado Anschutz Medical Campus, Aurora, CO

Paper Session: Immune Function
Chair: Nicolas Rohdeler, PhD
Seacliff A/B
Abstract 1507: THE INTERACTION OF STRESS AND FOOD: ACUTE PSYCHOLOGICAL STRESS (BUT NOT ANTIOXIDANTS) ALTERS GLUCOSE METABOLISM AND BLUNTS OXIDATIVE STRESS INDUCED BY A HIGH FAT MEAL
Cindy E. McCrea, BS, Biobehavioral Health, Ann C. Skulas-Ray, PhD, Nutritional Sciences, Katherine A. Sauder, MS, Biobehavioral Health, Pennsylvania State University, University Park, PA, Flore Nougarede, BS, Agroparistech, Paris, France, Penny M. Kris-Etherton, PhD, RD, Nutritional Sciences, Sheila G. West, PhD, Biobehavioral Health, Pennsylvania State University, University Park, PA

Abstract 1428: SEX DIFFERENCES IN MUCOSAL HEALING: THE ROLE OF INFLAMMATION
Christopher G. Engelrand, PhD, Biobehavioral Health, Pennsylvania State University, University Park, PA, Jose M. Rocha, DDS, MSD, College of Dentistry, Federal University of Rio Grande do Sul, Porto Alegre, RS, Brazil, Marc P. Manos, BS, College of Dentistry, University of Illinois at Chicago, Chicago, IL, Phillip T. Marucha, DMD, PhD, School of Dentistry, Oregon Health and Science University, Portland, OR

Abstract 1711: THE ROLE OF PRENATAL VITAMIN D & INFLAMMATION IN POSTPARTUM DEPRESSION
Eynav E. Accortt, PhD, Christine Dunkel Schetter, PhD, Psychology, University of California, Los Angeles, Los Angeles, CA, Rosalind M. Peters, PhD, RN, FAAN, College of Nursing, Wayne State University, Detroit, MI, Andrea E. Cassady-Bushrow, PhD, Public Health Sciences, Henry Ford Health System, Detroit, MI

Abstract 1578: GENE EXPRESSION ANTI-STRESS EFFECTS FOLLOWING A MIND-BODY INTERVENTION
Jesper Dahlgaard, PhD, Robert Zachariae, DMSi, Unit for Psychooncology and Health Psychology, Aarhus University, Aarhus, Jutland, Denmark

Abstract 1704: ASPECTS OF MINDFULNESS AND THEIR RELATIONSHIP WITH INFLAMMATION IN PRESYMPTOMATIC HEART FAILURE PATIENTS
Meredith A. Pung, PhD, Psychiatry, University of California, San Diego, La Jolla, CA, Lianne Tomfohr, PhD, Psychology, University of Calgary, Calgary, Alberta, Canada, Kathleen L. Wilson, MS, Laura S. Redwine, PhD, Kelly Chinh, BA, Milagros Alvarez, Christopher Pruitt, BS, Psychiatry, University of California, San Diego, La Jolla, CA, Navaid Iqbal, MD, Research Service, VA San Diego Healthcare System, La Jolla, CA, Fatima Iqbal, MD, Brian Knight, Katherine Wachmann, PhD, Paul J. Mills, PhD, Psychology, University of California, San Diego, La Jolla, CA

Paper Session: Neuroscience
Chair: Mary-Frances O'Connor, PhD
Seacliff B/C
Abstract 1726: SYSTEMIC INFLAMMATION COVARIATES INVERSELY WITH BRAIN STRUCTURE AND ASSOCIATED COGNITIVE FUNCTION IN MIDLIFE ADULTS
Anna L. Marsland, Ph.D, Peter Gianaros, PhD, Leiuyen Sheu, PhD, Chieh-Hsin Kuan, MS, Kirk Erickson, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA, Matthew Muldoon, MD, MPH, Department of Clinical Pharmacology, University of Pittsburgh School of Medicine, Pittsburgh, PA, Stephen Manuck, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA

Abstract 1423: NEURAL MECHANISMS UNDERLYING SOCIAL APPROACH AND WITHDRAWAL: THE ROLE OF INFLAMMATION
Tristen K. Inagaki, MA, Psychology, University of California, Los Angeles, Los Angeles, CA, Michael Irwin, MD, Psychiatry and Biobehavioral Sciences, University of California, Los Angeles, Los Angeles, CA, Naomi I. Eisenberger, PhD, Psychology, University of California, Los Angeles, Los Angeles, CA

Abstract 1826: HEIGHTENED REGIONAL CEREBRAL BLOOD FLOW IN THE AMYGDALA COVARIATES WITH PRECLINICAL ATHEROSCLEROSIS
Ikechukwu C. Onyewuenyi, MSc, Lei K. Sheu, PhD, Peter J. Gianaros, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA

Abstract 1847: REDUCED THALAMIC GRAY MATTER VOLUME IN PREHYPERTENSIVE VS. NORMOTENSIVE ADULTS
Ben Allen, PhD, Psychiatry, University of Pittsburgh, Wilkinsburg, PA - Pennsylvania, Richard Jennings, PhD, Psychiatry, University of Pittsburgh, Pittsburgh, PA, Matthew F. Muldoon, MD, Medicine, University of Pittsburgh, Pittsburgh, Pennsylvania, Peter M. Gianaros, PhD, Psychology, Alicia Heim, BA, Psychiatry, Sean Wo, BS, Medicine, University of Pittsburgh, Pittsburgh, PA

Abstract 1805: A FRONTO-INSULAR BASED INTRINSIC BRAIN NETWORK IS ASSOCIATED WITH THE TELLEGAN ABSORPTION SCALE
Michelle C. Chen, MPH(c), Division of Digestive Diseases, Center for Neurobiology of Stress, University of California, Los Angeles, Los Angeles, CA, Susanna Walters, PhD, Center for Medical Image Science and Visualization, Mats Lowen, MD, Institution for Clinical & Experimental Medicine, Division of Gastroenterology, Linköping University, Linköping, Östergötland, Sweden, Jennifer Labus, PhD, Center for Neuroscience of Stress, Lisa Klipatrick, PhD, Emeran Mayer, MD/PhD, Center for Neuroscience of Stress, David Geffen School of Medicine, Kirsten Tillisch, MD, Center for Neuroscience of Stress, David Geffen School of Medicine, Division of Digestive Diseases, University of California, Los Angeles, Los Angeles, CA
Meeting Objectives
At the conclusion of this meeting, participants will be able to:

1. Describe the biopsychosocial mechanisms underlying interventions, with emphasis on integrative/complementary treatments and how they inform more traditional models of health and disease.

2. Define the role of motivation in treatment and how to improve treatment adherence, including understanding the role of comorbid depression in disease outcome.

3. Discuss racial, ethnic, and cultural differences in health and disease, including an understanding of factors that differentially affect disadvantaged racial, ethnic, and cultural groups such as prenatal stress and early life adversity.

Physicians
Accreditation Statement This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Institute for the Advancement of Human Behavior (IAHB) and the American Psychosomatic Society (APS). The IAHB is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement The IAHB designates this live activity for a maximum of 23.25 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 APS. Amedco is approved by the American Psychological Association to sponsor continuing education for psychologists. Amedco maintains responsibility for this program and its content. This activity has been approved for up to 22.75 credit hours.

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.

Join us for the
2015 APS Annual Meeting
March 18-21
Savannah, Georgia

abstract submissions begin July 2014
1) Abstract 1387
MECHANISMS OF ELEVATED INFLAMMATION IN POSTTRAUMATIC STRESS DISORDER: DATA FROM THE MIND YOUR HEART STUDY
Ashkan J. Ahmadian, BA, Aoife O’Donovan, PhD, Mark A. Pacult, BA, Thomas C. Neylan, MD, Psychiatry, Beth E. Cohen, MD, MAS, Medicine, University of California, San Francisco, San Francisco, CA

2) Abstract 1730
EMOTIONAL AWARENESS AND HEALTH STATUS IN PATIENTS WITH FIBROMYALGIA
Heather K. Doherty, BS, Nancy Lockhart, MSN, Psychology, Wayne State University, Detroit, MI, David Williams, PhD, Daniel Clauw, MD, Psychiatry, University of Michigan, Ann Arbor, MI, Mark A. Lumley, PhD, Psychology, Wayne State University, Detroit, MI

3) Abstract 1748
OMEGA-3 FATTY ACID SUPPLEMENTATION IN MIDDLE-AGED ADULTS REDUCES CARDIOMETABOLIC RISK IN MEN BUT NOT WOMEN
Claire Newlon, MD Candidate 2016, Heart and Vascular Institute, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, Dora Kuan, MS Biostatistics, Biostatistics, University of Pittsburgh, Pittsburgh, PA, Susan Sereika, PhD, MPH, Center for Research and Evaluation, University of Pittsburgh School of Nursing, Pittsburgh, PA, Matthew Muldoon, MD, MPH, UPMC Heart and Vascular Institute, University of Pittsburgh School of Medicine, Pittsburgh, PA, Stephen Manuck, PhD, Biological and Health Program, Clinical Program, Cogntive Program, Clinical/Health Program, University of Pittsburgh, Pittsburgh, PA

4) Abstract 1677
SENSITIZATION OF INFLAMMATORY RESPONSES TO REPEATED ACUTE PSYCHOSOCIAL STRESS IN OVERWEIGHT INDIVIDUALS
Christine Mcmnia, MS, Neuroscience, Myriam Thoma, Ph.D, Danielle Gianferante, MA, Luke Hanlin, MA, Xuejie Chen, MA, Nicolas Rohleder, Ph.D, Psychology, Brandeis University, Waltham, Massachusetts

5) Abstract 1535
ASSESSMENT OF PERCEIVED EXACERBATION TRIGGERS IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE
Chelsey Wchern, PhD Candidate, Ashton Jeter, PhD Candidate, Psychology, Southern Methodist University, Dallas, TX, Thomas Janssens, PhD, Research Group on Health Psychology, KU Leuven, Leuven, Flemish Brabant, Belgium, Hans Deleire, PhD, Psychology, Southern Methodist University, Dallas, TX

6) Abstract 1582
TAI CHI CHIH AND REGULATION OF SYMPATHOVAGAL BALANCE IN OLDER ADULTS: A RANDOMIZED CONTROLLED TRIAL
Dylan Furlong, BA, Richard Olmstead, PhD, Semel Institute for Neuroscience and Human Behavior, Michael R. Irwin, MD, David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA

7) Abstract 1434
DECLINING EMOTIONAL SUPPORT FROM PARTNERS PREDICTS PRO-INFLAMMATORY AND PRO-METASTATIC LEUKOCYTE GENE EXPRESSION IN WOMEN ONE YEAR AFTER SURGERY FOR BREAST CANCER
Devika R. Jutagir, BA, Lisa M. Gudenkauf, MS, Psychology, University of Miami, Coral Gables, FL, Bonnie Blomberg, PhD, Microbiology and Immunology, University of Miami Miller School of Medicine, Miami, FL, Jamie M. Stagl, MS, Laura C. Bouchard, MS, Charles S. Carver, PhD, Psychology, University of Miami, Coral Gables, FL, Suzanne Lechner, PhD, Psychiatry and Behavioral Sciences, Stefan Glück, MD, PhD, Sylvester Comprehensive Cancer Center, Alain Diaz, MS, Microbiology and Immunology, University of Miami Miller School of Medicine, Miami, FL, Susan Lutgenendorf, PhD, Psychology, University of Iowa, Iowa City, IA, Steve Cole, PhD, Medicine, University of California, Los Angeles, Los Angeles, CA, Michael H. Antoni, PhD, Psychology, University of Miami, Coral Gables, FL

8) Abstract 1138
PSYCHOLOGICAL AND CLINICAL PREDICTORS OF CHEMOTHERAPY-INDUCED NAUSEA AND VOMITING AFTER THE FIRST CYCLE OF ADJUVANT CHEMOTHERAPY IN BREAST CANCER PATIENTS
Doo Jong Kim, MD, Joo-Young Lee, MD, Do-un Jeong, MD, PhD, Neuropsychiatry, Tae-Young Kim, MD, Seock-Ah Im, MD, PhD, Internal medicine, Bong-Jin Hahn, MD, PhD, Neuropsychiatry, Seoul National University Hospital, Seoul, Korea

9) Abstract 1201
PSYCHOLOGICAL RESILIENCE AS A PREDICTOR OF PAIN AND STRESS IN SYMPTOMATIC KNEE OSTEOARTHRITIS
Emily J. Bartley, PhD, Community Dentistry and Behavioral Science, University of Florida, Gainesville, FL, Kimberly T. Sible, PhD, Community Dentistry and Behavioral Science, University of Florida, Gainesville, FL, Christopher D. King, PhD, Yenisel Cruz-Almeida, PhD, MSPH, Community Dentistry and Behavioral Science, University of Florida at Birmingham, Birmingham, AL, Joseph L. Riley III, PhD, Community Dentistry and Behavioral Science, University of Florida, Gainesville, FL, Roland Staud, MD, Medicine, University of Florida, Gainesville, FL, Adriana Sotolongo-Addison, MPH, Medicine, University of Alabama at Birmingham, Birmingham, AL, Barri J. Fessler, MD, Clinical Immunology & Rheumatology, University of Alabama and Birmingham School of Medicine, Birmingham, AL, Laurence A. Bradley, PhD, Medicine/Rheumatology, University of Alabama at Birmingham, Birmingham, AL, Roger B. Fillingim, PhD, Community Dentistry and Behavioral Science, University of Florida, Gainesville, FL

10) Abstract 1429
OVERALL SATISFACTION WITH SOCIAL SUPPORT BUFFERS THE CARDIOVASCULAR STRESS OF NEGATIVE TRANSACTIONS WITH SUPPORT PROVIDERS
Gavin James Elder, MS, Mariam Parekh, MS, June Allison He, MS, Jessica Schoolman, MS, Sarah La Font, BS, Craig K. Ewart, Ph.D, Psychology, Syracuse University, Syracuse, New York, Sheila T. Fitzgerald, Ph.D, Environmental Health Sciences, Johns Hopkins University, Baltimore, MD

11) Abstract 1734
HOW EFFECTIVE ARE EMOTION REGULATION STRATEGIES IN PATIENTS WITH MULTIPLE SOMATOFORM SYMPTOMS? AN EXPERIMENTAL STUDY
Japhia-Marie Gottschalk, MSc, Judith Ruckmann, MSc, Winfried Rief, Professor, Department of clinical psychology and psychotherapy, University of Marburg, Marburg, Hesse, Germany

12) Abstract 1377
STRESS OVERLOAD AND ITS EFFECTS ON SALIVARY CORTISOL DURING THE Trier SOCIAL STRESS TEST: RESULTS FROM THE HEALTHY MOMS, HEALTHY BABIES PROJECT
Guido Urizar, PhD, Sarah Clark, MA, James Amirkhan, PhD, Psychology, CSULB, Long Beach, CA
13) Abstract 1471
YOGA AND SELF-REPORTED COGNITIVE PROBLEMS: A RANDOMIZED CONTROLLED TRIAL FOR BREAST CANCER SURVIVORS.
Heather M. Derry, MA, Psychology, The Ohio State University, Columbus, Ohio, Jeanette M. Bennett, PhD, Psychology, University of North Carolina at Charlotte, Charlotte, NC, Lisa M. Jaremka, PhD, Institute for Behavioral Medicine Research, Juan Peng, MAS, Rebecca R. Andridge, PhD, Biostatistics, Charles Shapiro, MD, Internal Medicine, William B. Malarkey, MD, Institute for Behavioral Medicine Research, Charles F. Emery, PhD, Psychology, Rachel Layman, MD, Ewa Mrozek, MD, Internal Medicine, Janice K. Kiecolt-Glaser, PhD, Institute for Behavioral Medicine Research, The Ohio State University, Columbus, OH

14) Abstract 1518
ANXIETY DISORDERS AND ACCELERATED CELLULAR AGING
Josine E. Verhoeven, MSc, Dora Révész, MSc, Psychiatry, VU University Medical Center, Amsterdam, Noord-Holland, the Netherlands, Patricia van Oppen, PhD, Psychiatry, VU University Medical Center, Amsterdam, NH, the Netherlands, Elissa S. Epel, PhD, Owen M. Woikowitz, MD, Psychiatry, University of California, San Francisco, School of Medicine, San Francisco, CA, Brenda W. Penninx, PhD, Psychiatry, VU University Medical Center, Amsterdam, Noord-Holland, The Netherlands

15) Abstract 1813
ALLOSTIC LOAD DURING PREGNANCY IS ASSOCIATED WITH GESTATIONAL AGE AT BIRTH
Julie Spicer, PhD, Hanna Gustafsson, PhD, Elizabeth Werner, PhD, Sierra Kuzava, BA, Catherine Monk, PhD, Psychiatry, Columbia University, New York, New York

16) Abstract 1070
RISING TO THE CHALLENGE: EFFECTS OF A RANDOMIZED CONTROLLED TRIAL OF A MINDFULNESS-BASED INTERVENTION ON CARDIOVASCULAR RESPONSES TO SOCIAL EVALUATIVE THREAT IN OBESE ADULTS
Jennifer J. Daubenmier, PhD, Osher Center for Integrative Medicine, Elissa Epel, PhD, Margaret Kemeny, PhD, Psychiatry, University of California, San Francisco, San Francisco, CA, Jean Kristeller, PhD, Psychology, Indiana State University, Terre-Haute, Indiana, Patricia Moran, PhD, Michael Acree, PhD, Medicine, Peter Bacchetti, PhD, Epidemiology & Biostatistics, University of California, San Francisco, San Francisco, CA, Veronica Goldman, BS, Medicine, University of California San Francisco, San Francisco, CA, Michael Hall, PhD, Frederick M. Hecht, MD, Medicine, Wendy Berry Mendes, PhD, Psychiatry, University of California, San Francisco, San Francisco, CA

17) Abstract 1792
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18) Abstract 1594
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19) Abstract 1486
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Karen Hasselmo, MA, David A. Sbarra, PhD, Psychology, University of Arizona, Tucson, AZ

20) Abstract 1804
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Katherine Saxton, MPH, PhD, Biology, Stephanie Yanaga, Student, Public Health, Christine Handy, Student, Biology, Santa Clara University, Santa Clara, CA

21) Abstract 1289
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22) Abstract 1090
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Lisa L. Lommel, M.P.H., Lisa Thompson, PhD, Family Health Care Nursing, Adam Carrico, PhD, Community Health Systems, University of California, San Francisco, School of Nursing, San Francisco, California

23) Abstract 1044
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24) Abstract 1654
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Marco D. Gulewitsch, PhD, Department of Psychology, University of Tübingen, Tübingen, BW, Germany, Katja Weimer, PhD, Paul Enck, PhD, Psychosomatic Medicine and Psychotherapy, University Hospital Tübingen, Tübingen, BW, Germany, Angelika A. Schlär, PhD, Faculté des Lettres, des Sciences Humaines, des Arts et des Sciences de l’Education, Université du Luxembourg, Luxembourg, L, Luxembourg

25) Abstract 1369
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26) Abstract 1438
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Michael G. McKee, PhD, Psychiatry and Psychology, Elizabeth F. Grossman, BA, Cardiovascular Medicine, Cleveland Clinic, Cleveland, Ohio, Alison K. Reymard, PhD, Psychiatry and Psychology, Greg Bolwell, BA, Cardiovascular Medicine, Cleveland Clinic, Cleveland, OH, Dara L. Schneeberger, PhD, Pathobiology, Cleveland Clinic, Cleveland, Ohio, Benjamin Greenberg, PhD, Psychiatry and Psychology, Cleveland Clinic, Cleveland, OH, Christine S. Moravec, PhD, Cardiovascular Medicine, Cleveland Clinic, Cleveland, Ohio

27) Abstract 1619
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Yvette Melgizza, BA, Guido Ulzr, PhD, Psychology, CSULB, Long Beach, CA

28) Abstract 1336
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29) Abstract 1342
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30) Abstract 1560
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Eric R. Muth, PhD, Psychology, Clemson University, Clemson, SC, Jenna L. Scisco, PhD, Military Nutrition Division, US Army Research Institute of Environmental Medicine, Natick, MA, Phillip W. Jasper, BS, Psychology, Veronica G. Parker, PhD, School of Nursing, Clemson University, Clemson, SC

31) Abstract 1568
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Daryl B. O'Connor, PhD, Nicola Garthland, PhD, Rebecca Lawton, PhD, Psychology, University of Leeds, Leeds, West Yorkshire, UK

32) Abstract 1250
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33) Abstract 1814
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34) Abstract 1344
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Sheila N. Garland, PhD, Family Medicine, Perelman School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania, Brad Johnson, MD/PhD, Pathology and Laboratory Medicine, University of Pennsylvania, Philadelphia, PA, Christina Palmer, MD, Family and Community Medicine, University of California San Francisco, San Francisco, CA, Rebecca Speck, PhD, Clinical Epidemiology and Biostatistics, Michelle Donelson, BSc, Pathology and Laboratory Medicine, University of Pennsylvania, Philadelphia, PA, Sharon X. Xie, PhD, Clinical Epidemiology and Biostatistics, Angela DeMichele, MD, MSCE, Medicine, University of Pennsylvania, Philadelphia, Pennsylvania, Jun J. Mao, MD, MSCE, Family Medicine and Community Health, University of Pennsylvania, Philadelphia, PA

35) Abstract 1157
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36) Abstract 1317
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Tara Molesworth, BS, Psychology, Carnegie Mellon University, Pittsburgh, PA, Lei Sheu, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA, Sheldon Cohen, PhD, Psychology, Carnegie Mellon University, Pittsburgh, PA, Peter Gianaros, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA, Timothy Verstynen, PhD, Psychology, Carnegie Mellon University, Pittsburgh, PA

37) Abstract 1190
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38) Abstract 1431
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39) Abstract 1223
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Julian Koenig, PhD, Department of Psychology, The Ohio State University, Columbus, OH, Diana Sonntag, PhD, Mannheim Institute of Public Health, Social and Preventive Medicine, Mannheim Medical Faculty, Heidelberg University, Mannheim, BW, Germany, Beverly G. Windham, MD, MHSc, Department of Medicine, Division of Geriatrics, University of Mississippi Medical Center, Jackson, MS, Luigi Ferrucci, PhD, Longitudinal Studies Section, National Institute on Aging Intramural Research Program (NIA-IRP), Baltimore, MD, Joachim E. Fischer, MSC, Mannheim Institute of Public Health, Social and Preventive Medicine, Mannheim Medical Faculty, Heidelberg University, Mannheim, BW, Germany, Julian Thayer, PhD, Department of Psychology, Heidelberg University, Columbus, OH, Marc N. Jarzoc, Diploma, Mannheim Institute of Public Health, Social and Preventive Medicine, Mannheim Medical Faculty, Heidelberg University, Mannheim, Baden-Württemberg, Germany

40) Abstract 1700
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Shamini Jain, PhD, Brain, Mind & Healing / Psychiatry, Samuei Institute / UC San Diego, Corona Del Mar, CA, Meredith Sprengel, MA, Brain, Mind & Healing, Lynn Teo, BA, Cindy Crawford, BA, Samuei Institute, Rachel Draper, BA, Brain, Mind & Healing, Samuei Institute, Alexandria, VA, Herman van Wietmarschen, PhD, AlbertA. de Graaf, PhD, TNO, TNO, Lieden, Netherlands, Netherlands, Jan van der Greid, PhD, Quality of Life, TNO, Leiden, Netherlands, Netherlands, Ives John, PhD, Brain, Mind & Healing, Wayne Jonas, MD, Samuei Institute, Samuei Institute, Alexandria, VA

41) Abstract 1154
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Jeremy Engelberg, BS, Psychology, Rutgers University, Piscataway, New Jersey, David Boulfird, PhD, Sociology, Indiana University Bloomington, Bloomington, Indiana, Richard Contrada, PhD, Psychology, Rutgers University, Piscataway, New Jersey

42) Abstract 1749
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Yvette Fruchter, MA, Clinical Psychology (Health Emphasis), Ferkau Graduate School of Psychology, Bronx, NY, Nisha Ver Halen, PhD, Mental Health, Eni Kutoba, MA, Department of Psychiatry, Downstate Medical Center, Brooklyn, NY, Tzvi Furer, MD, Psychiatry and Behavioral Science, SUNY Downstate Medicine, Brooklyn, NY, Subodh J. Saggi, MD, Department of Medicine, Nephrology Division, Daniel Cukor, PhD, Psychiatry and Behavioral Science, Downstate Medical Center, Brooklyn, NY

43) Abstract 1778
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Benjamin A. Tabak, PhD, Psychology, UCLA, Los Angeles, CA, Michael McCullough, PhD, Psychology, University of Miami, Coral Gables, FL

44) Abstract 1815
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45) Abstract 1691
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Battuvshin Lkhagvasuren, MD., PhD., Takakazu Oka, MD., PhD., Psychosomatic Medicine, Kyushu University, Fukuoka, Fukuoka, Japan

46) Abstract 1237
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47) Abstract 1277
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Heidi Koschwanzev, PhD, Psychological Medicine, University of Auckland, Grafton, Auckland, New Zealand, Ngaire Kerse, MBChB, PhD, General Practice and Primary Health Care, University of Auckland, Tamaki Innovation Campus, Auckland, New Zealand, Paul Jarrett, FRCP FRACP, Dermatology, Counties Manukau District Health Board, Otahuhu, Auckland, New Zealand, John Weinman, PhD, Institute of Pharmaceutical Science, King’s College London, London, Greater London, United Kingdom, Elizabeth Broadbent, PhD, Psychological Medicine, University of Auckland, Grafton, Auckland, New Zealand

48) Abstract 1318
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Amina Benkhoukha, BS, Clinical Psychology (Health Emphasis), Ferkau Graduate School of Psychology at Yeshiva University, Bronx, NY, Sonia Suchday, PhD, Psychology, Yeshiva University, Ferkau Graduate School of Psychology, Bronx, NY, Sribash Chandra Saha, PhD, Biology, Suman Kapur, PhD, Biological Sciences, Birla Institute of Technology BITS, Hyderabad, RR District, Andhra Pradesh, India

49) Abstract 1174
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Debora Ganz, MA, Clinical Psychology, Sonia Suchday, PhD, Clinical Psychology, Ferkau Graduate School of Psychology, Yeshiva University, Bronx, New York

50) Abstract 1229
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Ul Yamada, MD, PhD, Psychomatic Medicine, Daisuke Ohta, MD, PhD, Psychosomatic Medicine, St. Luke’s International Hospital, Tokyo, Tokyo, Japan

51) Abstract 1137
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Elizabeth Broadbent, PhD, Shwetha Nair, MSc, Nathan Conseyside, PhD, John Sellers, Il, PhD, Psychological Medicine, University of Auckland, Grafton, Auckland, New Zealand, Mark Sagar, PhD, Bioengineering Institute, University of Auckland, Auckland, Auckland, New Zealand
52) Abstract 1452
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Adriana S. Baban, PhD, Alina Cosma, PhD, Robert Balazsi, PhD, Psychology, Babes-Bolyai University, Cluj-Napoca, Cluj, Romania, Dinesh Sethi, MD, Violence and Injury Prevention, WHO Regional Office for Europe, Copenhagen, Copenhagen, Denmark, Victor Olsavszky, MD, WHO Country Office Romania, WHO Country Office Romania, Bucharest, Bucharest, Romania

53) Abstract 1534
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Ali I. Breda, BS, Amber Watts, PhD, Psychology, University of Kansas, Lawrence, Kansas, Jeffrey Burns, MD, MS, Alzheimer’s Disease Center, University of Kansas, Kansas City, Kansas

54) Abstract 1789
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55) Abstract 1251
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Anne Sarah Koch, MA in Psychology, Alexandra Kleiman, MA in Psychology, Ingo Wegener, PhD, Katrin Imbierowicz, MD, Franziska Geiser, MD, Rupert Conrad, MD, Department of Psychosomatic Medicine and Psychotherapy, University of Bonn, Bonn, NRW, Germany

56) Abstract 1604
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Anthony W. Austin, PhD, Exercise Science, Concordia University, Montréal, Quebec, Canada, Roland von Kanel, MD, Psychosomatic Medicine, Bern University Hospital, Bern, Switzerland, Switzerland, Paul J. Mills, PhD, Psychiatry, University of California, San Diego, La Jolla, CA, Kim L. Lavoie, PhD, Psychology, University of Quebec at Montreal, Montréal, QC, Canada, Simon L. Bacon, PhD, Exercise Science, Concordia University, Montréal, QC, Canada, Joel E. Dimstade, MD, Psychiatry, University of California, San Diego, La Jolla, CA

57) Abstract 1052
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Ashley E. Mason, PhD, Osher Center for Integrative Medicine, Nash D. Martinez, BS, School of Medicine, Frederick M. Hecht, MD, Osher Center for Integrative Medicine, Wendy Berry Mendes, PhD, Psychiatry, UCSF, San Francisco, CA, George M. Slavich, PhD, Couiss Center for Psychoneuroimmunology, University of California, Los Angeles, Los Angeles, CA, Jean Kristeller, Ph.D, Psychology, Indiana State Univer,

58) Abstract 1481
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David S. Black, PhD, M.P.H., Preventive Medicine, University of Southern California, Los Angeles, CA, Eileen Luders, PhD, Neurology, Elizabeth Breen, PhD, Richard Olmstead, PhD, Michael R. Irwin, MD, Psychiatry and Biobehavioral Sciences, University of California at Los Angeles, Los Angeles, CA

59) Abstract 1257
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Douinya Schoormans, PhD, Department of Clinical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Stockholm, Sweden, Jingmei Li, PhD, Human Genetics, Genome Institute of Singapore, Singapore, Singapore, Hafet Darabi, PhD, Department of Clinical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Stockholm, Sweden, Yvon Brandberg, Prof., Department of Oncology-Pathology, Karolinska Institutet, Stockholm, Stockholm, Sweden, Mirjam Sprangers, Prof., Medical Psychology, Academic medical center/ University of Amsterdam, Amsterdam, Noord-Holland, Netherlands, Mikael Erikkson., Department of Clinical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Stockholm, Zweden, Koos Zwinderman, Prof., Department of Clinical Epidemiology and Biostatistics, Academic medical center/ University of Amsterdam, Amsterdam, Noord-Holland, Nederland, Per Hall, Prof., Department of Clinical Epide

60) Abstract 1067
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Elizabeth Raposa, MA, Constance Hammen, PhD, Psychology, UCLA, Los Angeles, CA

61) Abstract 1187
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Chiho Sato, MD, Department of Surgical Oncology, Tohoku University, Graduate School of Medicine, Sendai, -. Japan, Atsushi Sekiguchi, MD, PhD, TOMMO, Yuka Kotozaki, PhD, SAIRC, IDAC, Rui Nouchi, PhD, IRDeS, Hikaru Takeuchi, PhD, DCN, IDAC, Yasuyuki Taki, MD, PhD, NMR, IDAC, Tohoku University, Sendai, -. Japan, Masaaki Kawai, MD, PhD, Epidemiology Rsrc Hoop, Fred Hutchinson Cancer Research Center, Seattle, WA, Hiroshi Tada, MD, PhD, Takamin Ishida, MD, PhD, Department of Surgical Oncology, Ryuta Kawashima, MD, PhD, FBI, IDAC, Noriaki Ohuchi, MD, PhD, Department of Surgical Oncology, Tohoku University, Sendai, Japan

62) Abstract 1035
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Bahaur Shojaeddin, BA, Guido Urizar, PhD, Psychology, California State University Long Beach, Long Beach, California

63) Abstract 1310
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Bjoern Horing, Dipl.-Psych., Katja Weimer, PhD, Paul Enck, PhD, Internal Medicine, University Hospital Tübingen, Tübingen, Baden-Württemberg, Germany

64) Abstract 1395
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Brian Baker, FRCP, Psychiatry, University of Toronto, Toronto, Ontario, Canada, Kimberly Blom, M.Sc., Medicine, University of Toronto, Sunnybrook Health Sciences Center, Toronto, Ontario, CANADA, Sheldon Tobe, FRCP, Medicine, University of Toronto, Toronto, ON, Canada, Alex Kiss, PhD, StatisticsICES, Sunnybrook Hospital, Toronto, Ontario, Canada

65) Abstract 1264
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Cali L. Kirkham, BA, Alexandra Wike, MA, Mark Vosvick, PhD, Psychology, University of North Texas, Denton, TX
66) Abstract 1379
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Carolynne E. Baron, BA, Timothy W. Smith, PhD, Psychology, University of Utah, Salt Lake City, UT, Bert N. Uchino, PhD, Psychology, University of Utah, Salt Lake City, UT, U.S.A, Wendy Birmingham, PhD, Psychology, Brigham Young University, Provo, UT

67) Abstract 1075
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Catherine Malboeuf-Hurtubise, PhD Candidate, Marie-Achille, PhD, Marine Hardouin, BA, Psychology, Université de Montréal, Montreal, Quebec, Canada, Majorie Vadinis, MD, Psychiatry, Mother and Child University Hospital Center, Montreal, Quebec, Canada

68) Abstract 1435
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Christine S. Moravec, PhD, Cardiovascular Medicine, Dana L. Schneeberger, PhD, Pathobiology, Cleveland Clinic, Cleveland, Ohio, lamiee Khorsid, PsyD, Health Promotion and Disease Prevention, VA Hospital, Los Angeles, CA, Michael G. McKee, PhD, Psychiatry and Psychology, Cleveland Clinic, Cleveland, Ohio

69) Abstract 1266
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Jenna C. Thomas, B.Sc. (Hons), Clinical Psychology, University of Calgary, Calgary, Alberta, Canada, Joshua Rash, M.Sc., Clinical Psychology, Umar Iqbal, BHSc (Hons), Health Sciences, Tavis Campbell, PhD, Psychology, Nicole L. Letourneau, PhD, Nursing & Medicine (Pediatrics), Gerald F. Giesbrecht, PhD, Paediatrics, University of Calgary, Calgary, AB, Canada

70) Abstract 1362
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Erin S. Costanzo, PhD, Psychiatry; Carbone Cancer Center, Paul J. Rathouz, PhD, Biostatistics & Medical Informatics; Carbone Cancer Center, Christopher L. Coe, PhD, Psychology, Mark B. Juckett, MD, Hematology/Oncology; Carbone Cancer Center, Jessica R. Schwartz, Psychiatry, Peiman Hematti, MD, Natalie S. Callander, MD, Hematology/Oncology; Carbone Cancer Center, University of Wisconsin-Madison, Madison, WI

71) Abstract 1039
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Eynav E. Accortt, PhD, Psychology, University of California, Los Angeles, Los Angeles, California, Julienne E. Bower, PhD, Psychology and Psychiatry/Biobehavioral Sciences, Patricia A. Ganz, MD, UCLA Schools of Medicine & Public Health, University of California, Los Angeles, Los Angeles, CA

72) Abstract 1861
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Felipe A. Jain, MD, Andrew F. Leuchter, MD, Psychiatry, University of California, Los Angeles, Los Angeles, CA

73) Abstract 1265
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Gerald F. Giesbrecht, PhD, Paediatrics, Nicole L. Letourneau, PhD, Paediatrics & Nursing, Tavis Campbell, PhD, Psychology, University of Calgary, Calgary, AB, Canada

74) Abstract 1268
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Helane Wabheb, ND, MCR, Barry S. Oken, MD, Neurology, Oregon Health & Science University, Portland, Oregon

75) Abstract 1128
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Hideki Ohira, PhD, Psychology, Nagoya University, Nagoya, Aichi, Japan, Masahiro Matsunaga, PhD, Internal Medicine, Nagakute, Aichi, Japan, Kaori Yamakawa, MA, Asako Toyama, MA, Psychology, Nagoya University, Nagoya, Aichi, Japan

76) Abstract 1305
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77) Abstract 1291
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Matthew J. Groysman, BS (in progress), Neuroscience, University of Arizona, Tucson, Arizona, Kisan Ogwara, MD, Psychiatry, University of Arizona, Tucson, AZ, Carolyn L. Fort, BS, Psychiatry, University of Arizona, College of Medicine, Tucson, AZ, Karen L. Weins, MD, Psychiatry, University of Arizona, Tucson, AZ, Richard D. Lane, MD, PhD, Psychiatry, University of Arizona, College of Medicine, Tucson, AZ

78) Abstract 1360
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80) Abstract 1064
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Michael H. Antonfi, PhD, Emily Lattie, MS, Psychology, University of Miami, Coral Gables, Florida, Sara Czaja, PhD, Psychiatry and Behavioral Sciences, MaryAnn Fletcher, PhD, Medicine, Perdormo Dolors, PhD, Senk Nair, MS, Psychiatry and Behavioral Sciences, Nancy Klimas, MD, Medicine, University of Miami School of Medicine, Miami, Florida

81) Abstract 1134
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Michael A. Shapiro, MD, Matthew L. Nguyen, MD, Division of Child and Adolescent Psychiatry, Department of Psychiatry, University of Florida, Gainesville, FL

82) Abstract 1055
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Misty A. Hawkins, PhD, Psychology, Kent State University, Kent, OH, Elizabeth A. Virany, BS, Melissa A. Cyders, PhD, Jesse C. Stewart, PhD, Psychology, IUPUI, Indianapolis, IN

83) Abstract 1112
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84) Abstract 1248
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Monica A. Fallon, BS, Mary-Frances O’Connor, Ph.D, Jesus Serrano-Careaga, BA (in progress), Psychology, University of Arizona, Tucson, AZ

85) Abstract 1817
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Motohiro Nakajima, PhD, Department of Biobehavioral Health and Population Sciences, University of Minnesota Medical School, Duluth, MN, Kenta Matsumura, PhD, School of Mechanical Engineering, Kanazawa University, Kanazawa, Ishikawa, Japan, Masato Usuki, MD, PhD, Psychiatry, National Disaster Medical Center, Tachikawa, Tokyo, Japan, Yufuka Matsuoka, MD, PhD, Clinical Epidemiology, National Center of Neurology and Psychiatry, Kodaira, Tokyo, Japan, Mustafa al’Abi, PhD, Department of Biobehavioral Health and Population Sciences, University of Minnesota Medical School, Duluth, MN

86) Abstract 1593
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Mustafa al’Abi, PhD, Motohiro Nakajima, PhD, Biobehavioral Health and Population Sciences, University of Minnesota Medical School, Duluth, MN

87) Abstract 1258
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Nathalie Michels, MSc, Isabelle Snoen, PhD, Stefaan De Henauw, Prof., Public Health, Ghent University, Gent, OV, Belgium

88) Abstract 1698
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89) Abstract 1233
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Marc N. Jarzoc, Diploma, Mannheim Institute of Public Health, Social and Preventive Medicine, Mannheim Medical Faculty, Heidelberg University, Mannheim, BW, Germany, Julian Koenig, PhD, Department of Psychology, The Ohio State University, Columbus, OH, Jie Li, PhD, Institute of Occupational and Social Medicine, University of Düsseldorf, Düsseldorf, North Rhine-Westphalia, Germany, Daniel Mauss, MD, Department of Occupational Medicine, Allianz SE, Munich, Bavaria, Germany, Kristina Hoffmann, PhD, Burkhard Schmidt, PhD, Joachim E. Fischer, MD, Mannheim Institute of Public Health, Social and Preventive Medicine, Mannheim Medical Faculty, Heidelberg University, Mannheim, BW, Germany, Julian F. Thayer, PhD, Department of Psychology, The Ohio State University, Columbus, OH

90) Abstract 1530
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91) Abstract 1290
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Martin Picard, PhD, D.Hom., Center for Mitochondrial and Epigenomic Medicine, Children’s Hospital of Philadelphia and University of Pennsylvania, Philadelphia, PA, Bruce S. McEwen, PhD, Harold and Margaret Milliken Hatch Laboratory of Neuroendocrinology, Rockefeller University, New York, NY, Robert-Parent Juster, M.Sc., Department of Neurology & Neurosurgery, McGill University, Montreal, QC, Canada, Meagan J. McManus, PhD, Douglas C. Wallace, PhD, Department of Biobehavioral Health and Population Sciences, University of Arizona, Tucson, AZ

92) Abstract 1097
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Mary Principio, M. Sc., Rebecca Meister, M. Sc., Department of General Internal Medicine, Division of Psychosomatic Medicine, Jean-Paul Juster, PhD, Department of Cardiology, University of Bern, Bern, Switzerland, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Bern, Switzerland, University of Bern, Bern, Switzerland
93) Abstract 1108
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Mary Princip, M. Sc., Rebecca Meister, M. Sc., Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, Bern University Hospital, and University of Bern, Bern, Bern, Switzerland, Ulrich Schnyder, MD, Department of Psychiatry and Psychotherapy, University Hospital Zurich, Zurich, Zurich, Switzerland, Jurgen Barth, PhD, Institute of Social and Preventive Medicine, Hansjörg Zng, PhD, Institute of Psychology, Division of Clinical Psychology and Psychotherapy, University of Bern, Bern, Bern, Switzerland, Jean-Paul Schmid, MD, Cardiovascular Prevention, Rehabilitation & Sports Medicine, Department of Cardiology, Inselspital, Bern University Hospital, and University of Bern, Bern, Bern, Switzerland, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, University of Bern, Bern, Bern, Switzerland

94) Abstract 1647
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95) Abstract 1635
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Christoph Herrmann-Lingen, MD, Vera Duden, MD, Psychosomatics, Frank Edelmann, MD, Rolf Wachter, MD, Cardiology, Univ., Göttingen, Germany

96) Abstract 1855
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Christopher Zou, MA, Psychology, University of Toronto, Toronto, ON, Canada, Judith P. Andersen, PhD, Psychology, University of Toronto Mississauga, Mississauga, Ontario, Canada, John R. Blosnich, PhD, MPH, Center of Excellence for Suicide Prevention, University of Rochester, Canandaigua, NY

97) Abstract 1656
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98) Abstract 1308
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99) Abstract 1464
IS INFLAMMATION A PATHWAY FOR SOCIAL RELATIONSHIPS AND HEALTH? THE ASSOCIATION BETWEEN SOCIAL SUPPORT, SOCIAL INTEGRATION AND C-REACTIVE PROTEIN IN A US ADULT SAMPLE.
David Avram, BS, Steven D. Barger, PhD., Psychology, Northern Arizona University, Flagstaff, Arizona

100) Abstract 1628
THE “PREDICTION OF ALCOHOL WITHDRAWAL SEVERITY SCALE” (PAWSS): A NEW SCALE FOR THE PREDICTION OF MODERATE TO SEVERE ALCOHOL WITHDRAWAL SYNDROME.
Jose R. Maldonado, MD, Yelizaveta Sher, MD, Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA, Judith Ashour, MD, Internal Medicine, UCSF, San Francisco, CA

101) Abstract 1630
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Jose Maldonado, MD, Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA

102) Abstract 1709
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Yelizaveta I. Sher, MD, Psychiatry and Behavioral Sciences, Stanford University Medical Center, Stanford, CA, Anne C. Miller, MD, Internal Medicine, Columbia University, New York, New York, Sermas Lak, MD, Psychiatry and Behavioral Sciences, George Washington University, Washington, DC, Jose R. Maldonado, MD, Psychiatry and Behavioral Sciences, Stanford University Medical Center, Stanford, CA

103) Abstract 1186
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104) Abstract 1029
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105) Abstract 1120
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En-Young N. Cho, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Bern University Hospital, Inselspital, Bern, Bern, Switzerland, Jan T. Wagner, MD, MPH, Division Clinical Review, Swissmedic, Bern, Bern, Switzerland, Jennifer Glaus, PhD, Department of Psychiatry, Center for Research in Psychiatric Epidemiology and Psychopathology (CEPP), Enrique Castelao, MSc, Department of Psychiatry, Center for Research in Psychiatric Epidemiology and Psychopathology (CEPP), Carla Vandevelde, PhD, Department of Psychiatry, Center for Research in Psychiatric Epidemiology and Psychopathology (CEPP), Lausanne University Hospital, Prilly-Lausanne, Vaud, Switzerland, Peter Vollenweider, MD, Department of Medicine, Internal Medicine, Faculty of Biology and Medicine and Lausanne University Hospital, Lausanne, Vaud, Switzerland, Martin Preissig, MD, MPH, Department of Psychiatry, Center for Research in Psychiatric Epidemiology and Psychopathology (CEPP), University Hospital of Lausanne, Prilly-Lausanne, Vaud, Switzerland, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Bern University Hospital, Inselspital, Bern, Bern, Switzerland
106) Abstract 1482
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Holly Rau, MS, Paula Williams, PhD, Psychology, University of Utah, Salt Lake City, UT, Matthew Cribbet, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA, Lindsay Vaux, MS, Daniel Bride, BS, Michelle Silver, BS, Psychology, University of Utah, Salt Lake City, UT

107) Abstract 1062
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Ian A. Boggio, MS, Suzanne C. Segerstrom, Ph.D, Psychology, University of Kentucky, Lexington, Kentucky

108) Abstract 1750
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Ilona S. Yim, PhD, Jodi A. Quas, PhD, Psychology and Social Behavior, University of California, Irvine, Irvine, CA

109) Abstract 1272
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Laura E. Finch, BS, Ayako J. Tomiyama, PhD, Psychology, University of California, Los Angeles, Los Angeles, CA

110) Abstract 1243
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Janine Giese-Davis, PhD, Yvonne Brandelli, BA (Honours), Oncology, University of Calgary, Department of Oncology, Psychosocial Oncology Division, Calgary, AB, Canada, Brittni Dumanowski, BSc (Honours), Yong Li, MS, Oncology, Department of Oncology, Psychosocial Oncology Division, Calgary, AB, Canada, Mitch Golant, PhD, Psychology, Cancer Support Community, Los Angeles, CA, David Spiegel, MD, Psychiatry & Behavioral Sciences, Department of Psychiatry & Behavioral Sciences, Stanford University School of Medicine, Stanford, CA

111) Abstract 1177
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Jeffrey Greenson, PhD, Psychiatry and Behavioral Sciences, Michael Muehlbauer, PhD, James Bain, PhD, Sarah W. Stedman Nutrition & Metabolism Center, Dennis Carmody, BA, Psychiatry and Behavioral Sciences, Michael Jurgens, BA, Duke Integrative Medicine, Jeffrey Brantley, MD, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC, Martica Hall, PhD, Psychology, Clinical and Translational Institute, Western Psychiatric Institute & Clinic, Pittsburgh, PA, Ruth Wolfer, PhD, Edward Suarez, PhD, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC

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Enka M. Manczak, MS, Psychology, Northwestern University, Evanston, IL, Kate McLean, PhD, Psychology, Western Washington University, Bellingham, WA, Dan P. McAdams, PhD, Edith Chen, PhD, Psychology, Northwestern University, Evanston, IL

114) Abstract 1545
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Elizabeth C. Quon, MA, Jennifer J. McGrath, PhD, M.P.H., Pediatric Public Health Psychology Lab, Concordia University, Montreal, Quebec, Canada

115) Abstract 1102
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Jennifer N. Morey, PhD, Suzanne C. Segerstrom, PhD, Psychology, University of Kentucky, Lexington, KY

116) Abstract 1048
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117) Abstract 1081
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118) Abstract 1110
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Laura B. Samuelsson, BA, Psychology, University of Pittsburgh, Pittsburgh, Pennsylvania, Orfeu M. Buxton, PhD, Division of Sleep Medicine, Brigham and Women’s Hospital, Boston, MA, Martica Hall, PhD, Department of Psychiatry, School of Medicine, University of Pittsburgh, Pittsburgh, PA, Shakir McLean, BA, Warren Alpert Medical School, Brown University, Providence, RI, James H. Porter, BS, Center for Work, Health and Wellbeing, Harvard School of Public Health, Boston, MA, Lisa Berkman, PhD, Department of Epidemiology, Harvard School of Public Health, Cambridge, MA, Miguel Marin, PhD, Department of Family Medicine, Oregon Health and Science University, Portland, OR, Grace Sembajwe, ScD, MSc, Environmental and Occupational Health Sciences Program, CUNY School of Public Health, New York, NY, Thomas McDade, PhD, Department of Anthropology, Northwestern University, Evanston, IL

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John C. Sieverdes, PhD, Lynne S. Nemeth, PhD, RN, College of Nursing, Kenneth D. Chavin, MD, PhD, Department of Medicine, Prabhakar Baliga, MD, College of Medicine, Frank A. Treiber, PhD, College of Nursing, College of Medicine, Medical University of South Carolina, Charleston, SC

121) Abstract 1763
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Jessie Povoski, BSc, Psychology, University of British Columbia, Vancouver, British Columbia, Canada, David B. King, PhD, Interdisciplinary Research in the Mathematical and Computational Sciences Centre, Simon Fraser University, Burnaby, BC, Canada, Ellen Stephenson, BSc, Anita DeLongis, PhD, Psychology, University of British Columbia, Vancouver, BC, Canada

123) Abstract 1058
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Kathleen Gail, MPH, Public Health, University of California Merced, Merced, California, Heike Spaderna, PhD, Department of Psychology, Health Psychology and Applied Psychological Assessment, University of Wuppertal, Wuppertal, Wuppertal, Germany, Jacqueline Smits, MD, PhD, N/A, Eurotransplant, Leiden, Leiden, The Netherlands, Gerdi Weidner, PhD, Biology, San Francisco State University, San Francisco, CA, U.S.A

124) Abstract 1249
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Kate A. Leger, BA, Marie P. Cross, BA, Sarah D. Pressman, PhD, Psychology and Social Behavior, University of California, Irvine, Irvine, CA

125) Abstract 1093
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Julie K. Cremers-Smith, PhD, Psychology, Kent State at Stark, N Canton, OH

126) Abstract 1232
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Kathleen Schwarzkopf, Master of Science in Psy, Department of General Internal Medicine, Division of Psychosomatic Medicine, Bern University Hospital, Bern, Bern, Switzerland, Doris Straus, MD, Psychiatry and Psychotherapy, Psychosomatic Medicine, Hildburg Porschke, MD, Psychiatry and Psychotherapy, Neurology, Clinica Holistica Engiadina SA, Susch, Graubünden, Switzerland, Hansjörg Znoj, PhD, Institute of Psychology, Division of Clinical Psychology and Psychotherapy, University of Bern, Bern, Bern, Switzerland, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Bern University Hospital, Bern, Bern, Switzerland

127) Abstract 1397
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Jillian A. Johnson, M.Sc., Psychology, University of Calgary, Calgary, Alberta, Canada, Sheila N. Garland, PhD, Family Medicine, University of Pennsylvania, Philadelphia, PA, Linda E. Carlson, PhD, Oncology, John S. Simpson, MD, Psychiatry & Oncology, University of Calgary, Calgary, Alberta, Canada, Josée Savard, PhD, Psychology, Université Laval, Quèbec, Quèbec, Canada, Sonia Ancoli-Israel, PhD, Psychiatry, UCSD, La Jolla, CA, Tavis S. Campbell, PhD, Psychology, University of Calgary, Calgary, Alberta, Canada

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130) Abstract 1299
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131) Abstract 1809
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Stacey M. Bayan, Doctorate of Psychology, Psychiatry and Behavioral Sciences, Eastern Virginia Medical School, Norfolk, VA

132) Abstract 1658
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133) Abstract 1343
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134) Abstract 1818
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135) Abstract 1149
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136) Abstract 1345
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Suzanne L. Osman, PhD, Psychology, Salisbury University, Salisbury, MD

137) Abstract 1170
THE EFFECT OF SOCIAL EXCLUSION ON CARDIOVASCULAR RESPONSIVENESS TO A SOCIALLY EVALUATIVE STRESSOR
Timothy J. Williamson, MPH, Psychology, University of California, Los Angeles, California, Kaela S. Thomas, PhD, MPH, Psychology, Pitzer College, Claremont, California

138) Abstract 1074
TESTOSTERONE AND ACUTE STRESS ARE ASSOCIATED WITH FIBRINOGEN AND VON WILLEBRAND FACTOR IN AFRICAN MEN: THE SABPA STUDY
Nicolaas T. Malan, DSc, Physiology, North-West University, Potchefstroom, North-West Province, South Africa, Roland von Känel, MD, General Internal Medicine, University Hospital, Bern, Bern, Bern, Switzerland, Alina E. Schutte, PhD, Hugo W. Huismans, PhD, Rudolph Schutte, PhD, Wayne Smith, PhD, Carina m. Mels, PhD, Ruan Kruger, PhD, Johannes M. van Rooyen, DSc, Leoné Malan, PhD, Physiology, North-West University, Potchefstroom, North-West Province, South Africa

139) Abstract 1350
CARDIOVASCULAR REACTIVITY TO MENTAL STRESS IS ASSOCIATED WITH MORTALITY IN PATIENTS WITH CHRONIC HEART FAILURE
Nina Kupper, PhD, Loes Smeeijers, MSc, Willem J. Kop, PhD, Medical & Clinical Psychology, Tilburg University, Tilburg, Noord-Brabant, the Netherlands

140) Abstract 1142
ASSOCIATION OF BLOOD COAGULATION ACTIVATION IN ACUTE MYOCARDIAL INFARCTION PATIENTS AND POSTTRAUMATIC STRESS LEVELS AFTER 3 MONTHS.
Rebecca Meister, MSc, Mary Princip, MSc, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, Bern University Hospital, and University of Bern, Bern, Bern, Switzerland, Ulrich Schnyder, MD, Department of Psychiatry and Psychotherapy, University Hospital Zurich, Zurich, Zurich, Switzerland, Jürgen Barth, PhD, Institute of Social and Preventive Medicine, Haußgög Zng, PhD, Institute of Psychology, Division of Clinical Psychological and Psychotherapy, University of Bern, Bern, Switzerland, Jean-Paul Schmid, MD, Cardiovascular Prevention, Rehabilitation & Sports Medicine, Department of Cardiology, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, Bern University Hospital, and University of Bern, Bern, Switzerland

141) Abstract 1143
DIFFERENCES IN PHYSIOLOGICAL STRESS REACTION TO ACUTE MYOCARDIAL INFARCTION DEPENDING ON THE CONTEXT OF HOSPITAL REFERRALS.
Rebecca Meister, MSc, Mary Princip, MSc, Tania Weber, BMed, Department of General Internal Medicine, Division of Psychosomatic Medicine, Jean-Paul Schmid, MD, Cardiovascular Prevention, Rehabilitation & Sports Medicine, Department of Cardiology, Inselspital, Bern University Hospital, and University of Bern, Bern, Switzerland, Ulrich Schnyder, MD, Department of Psychiatry and Psychotherapy, University Hospital Zurich, Zurich, Zurich, Switzerland, Jürgen Barth, PhD, Institute of Social and Preventive Medicine, Haußgög Zng, PhD, Institute of Psychology, Division of Clinical Psychological and Psychotherapy, University of Bern, Bern, Switzerland, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, Bern University Hospital, and University of Bern, Bern, Switzerland

142) Abstract 1296
EXPLICITLY AND IMPLICITLY MEASURED SELF ESTEEM IN THE TREATMENT OF MAJOR DEPRESSION - EVIDENCE FOR THE PROTECTIVE ROLE OF IMPLICIT PROCESSES
Rupert Conrad, MD, Psychosomatic Medicine and Psychotherapy, Franziska Geiser, MD, Department of Psychosomatic Medicine and Psychotherapy, Susanne Affler, MD, Psychosomatic Medicine and Psychotherapy, University of Bonn, Bonn, NRW, Germany, Jan Mierke, PhD, Market Research, (R)evolution Institute for Market Research, Bonn, NRW, Germany, Katrin Imbierowicz, MD, Psychosomatic Medicine and Psychotherapy, Alexandra Kleinman, M.Sc., Anne Sarah Koch, M.Sc., Department of Psychosomatic Medicine and Psychotherapy, Ingo Wegen, PhD, Psychosomatic Medicine and Psychotherapy, University of Bonn, Bonn, NRW, Germany

143) Abstract 1255
A TALE OF TWO MECHANISMS: A META-ANALYSIS OF THE AUTONOMIC BASIS OF CARDIOVASCULAR STRESS REACTIVITY
Ryan C. Brindle, BS, Annie T. Ginty, PhD, Anna C. Phillips, PhD, Douglas Carroll, PhD, Sport, Exercise & Rehabilitation Sciences, University of Birmingham, Birmingham, West Midlands, UK

144) Abstract 1293
PSYCHOLOGICAL AND PHYSIOLOGICAL CHARACTERISTICS DISTINGUISHING PERSISTENT OROFACIAL PAIN CONDITIONS
Tracey C. Kniffin, MS, Ian A. Boggero, MS, Psychology, University of Kentucky, Lexington, Kentucky, Charles R. Carlson, PhD, Psychology, University of Kentucky, Lexington, Kentucky

145) Abstract 1247
HIGHER ALLOSTATIC LOAD IN EARLY PREGNANCY IS ASSOCIATED WITH CHRONIC STRESSORS AND POORER SLEEP QUALITY
Vanessa J. Hux, BS, School of Medicine, Vanderbilt University, Nashville, Tennessee, James M. Roberts, MD, Magee-Womens Research Institute, Department of Obstetrics, Gynecology, and Reproductive Sciences, Michele L. Okun, PhD, Department of Psychiatry, University of Pittsburgh, Pittsburgh, Pennsylvania

146) Abstract 1274
DIFFERENT DOMAINS OF ACCULTURATION AND CULTURAL RETENTION AMONG U.S. HISPANICS/LATINOS IN RELATION TO CARDIOVASCULAR RISK FACTORS: RESULTS FROM THE HISPANIC COMMUNITY HEALTH STUDY/STUDY OF LATINOS (HCHS/SOL)
William Arguelles, PhD, Maria M. Liabre, PhD, Psychology, Seth J. Schwartz, PhD, Public Health Sciences, University of Miami, Miami, FL, Frank J. Penedo, PhD, Medical Social Sciences, Northwestern University Feinberg School of Medicine, Chicago, IL, Gregory A. Talavera, MD, MPH, Graduate School of Public Health, San Diego State University, San Diego, CA, Larissa Álvarez-Santa, MD, MPH, Division of Cardiovascular Sciences, National Heart, Lung, and Blood Institute, Bethesda, MD, Marta L. Davigliu, MD, PhD, Preventive Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL, Rebeca A. Espinoza, MPH, Unknown, Unknown, Chuła Vista, CA, Robert J. Ostfeld, MD, Unknown, Unknown, Bronx, NY, Hector M. González, PhD
147) Abstract 1150

EARLY LIFE ADVERSITY ALTERS VAGAL REGULATION OF THE HEART IN RELATION TO HEART RATE STRESS REACTIVITY AND PSYCHOPATHIC TENDENCIES: STUDIES FROM THE OKLAHOMA FAMILY HEALTH PATTERNS PROJECT

William R. Lovato, PhD, Psychiatry and Behavioral Sciences, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK; John J. Sollers, III, PhD, Psychological Medicine, University of Auckland, Auckland, New Zealand; Andrew J. Cohoon, MPH, Psychiatry and Behavioral Sciences, University of Oklahoma Health Sciences Center, Oklahoma City, OK; Andrea C. Vincent, PhD, Cognitive Science Research Center, University of Oklahoma, Norman, OK; Ny kita Webb, BA, Emily Lucianno, BA, Psychiatry and Behavioral Sciences, Kristen H. Sorocco, PhD, Donald W. Reynolds Department of Geriatric Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK.

148) Abstract 1217

IMPLICIT AGGRESSIVENESS AS A PREDICTOR OF IMPULSIVE AGGRESSIVE BEHAVIOR

Nozomi Yamawaki, MA, Shoko Koro, PhD, Graduate School of Education and Human Development, Nagoya University, Nagoya, Japan; Tomohiro Kumagai, PhD, Faculty of Language and Literature, Otsuma Women’s University, Tokyo, Japan; Ken-ichi Ohbuchi, PhD, Graduate School of Arts and Letters, Toho University, Miyagi, Japan.

149) Abstract 1060

THE EFFECT OF HAPPY SMILE CLINIC GROUP PSYCHOTHERAPY ON DEPRESSIVE SYMPTOMS AND POSITIVE AFFECT IN A RANDOMIZED CONTROLLED TRIAL THE SECOND REPORT

Yoichi Chida, MD/PhD, Department of Medical Sciences, Happy Smile Clinic, Kawasaki City, Kanagawa, Japan.

150) Abstract 1283

TRAJECTORY CLASSES OF DEPRESSIVE SYMPTOMS FOLLOWING CARDIAC EVENTS

Oskar Mittag, ScD, Hanna Kamping, Dipl.-Psych., Institute of Quality Management and Social Medicine, University Medical Center of Freiburg, Germany; Freiburg, Baden-Württemberg, Germany; Phillip J. Tully, PhD, Department of Rehabilitation Psychology, University of Freiburg, Germany; Freiburg, Baden-Württemberg, Germany; Erik Farin-Glatteracker, PhD, Institute of Quality Management and Social Medicine, University Medical Center of Freiburg, Freiburg, Baden-Württemberg, Germany.

151) Abstract 1679

PSYCHOLOGICAL IMPACT OF TUMOR SCREENING IN SDHX MUTATION CARRIERS RECRUITED IN A 3 YEAR NATIONAL PROTOCOL

Khadija Lahlou-LaForet, MD, Silla M. Consoli, PhD, MD, C-L Psychiatry, Aurore Caumont Prim, Statistician, Unité de Épidémiologie et de Recherche Clinique, European Georges-Pompidou Hospital, Paris, c/a, France; Vincent Rohmer, PhD, MD, INSERM, Centre de investigation Épidémiologique, Service d’Endocrinologie, Centre Hospitalo-Universitaire d’Angers, Angers, c/a, France; Anne-Paule Gimenéz-ROQUEPLO, PhD, MD, Service de Génétique, Université Paris Descartes, European Georges-Pompidou Hospital, Paris, c/a, France.

152) Abstract 1793

NUTRITIONAL LABEL USE, COMPREHENSION, AND CARDIOVASCULAR BIOMARKERS IN PARENTS AND YOUTH

Lisa Kakinami, PhD, Stephanie Houle, BA, Jennifer McGrath, PhD, Psychology, Concordia University, Montreal, Quebec, Canada.

153) Abstract 1282

BIOPSYCHOSOCIAL STRESS SENSITIVITY AND RISK FOR DEPRESSION

Kimberly A. Dienes, PhD, Psychology, Roosevelt University, Chicago, IL.

154) Abstract 1854

TAI CHI INTERVENTION MAY LEAD TO IMPROVED COGNITIVE FUNCTION ASSOCIATED WITH REDUCED DEPRESSION SYMPTOMS IN HEART FAILURE PATIENTS

Laura S. Redwine, PhD, Meredith S. Pung, PhD, Suzi S. Hong, PhD, Kathleen S. Wilson, MS, Kelly S. Chinh, BS, Psychiatry, Fatima S. Iqbal, MD, Medicine, Paul J. Mills, PhD, Psychology, University of California, San Diego, CA.

155) Abstract 1338

CORTISOL DIURNAL INDEX STABILITY PREDICTS CHANGES IN METABOLIC SYNDROME SYMPTOMS OVER 2-YEARS IN ADOLESCENT GIRLS

Kharah M. Ross, MA, Psychology, Katherine B. Ehrich, PhD, Institute for Policy Research, Gregory E. Miller, PhD, Psychology, Northwestern University, Evanston, IL.

156) Abstract 1489

UNPACKING RACIAL DISCRIMINATION: AN EXAMINATION OF THE PROCESSES AND CONSEQUENCES INVOLVED IN THE EXPERIENCE OF RACIAL DISCRIMINATION

Lori S. Hoggard, PhD, Psychology, University of North Carolina-Chapel Hill, Chapel Hill, NC; Robert M. Sellers, PhD, Psychology, University of Michigan, Ann Arbor, MI.

157) Abstract 1735

FEAR AVOIDANCE IN PEDIATRIC INFLAMMATORY BOWEL DISEASE AND FUNCTIONAL ABDOMINAL PAIN

Miranda A. van Tilburg, PhD, Center for Functional GI and Motility Disorders, University of North Carolina, Chapel Hill, NC; Robyn L. Claar, PhD, n/a, Triangle Center for Behavioral Health, Durham, NC; Shelley Langer, PhD, Social Work, Joan M. Romano, PhD, Psychiatry and Behavioral Sciences, University of Washington, Seattle, WA; William E. Whitehead, PhD, Center for Functional GI and Motility Disorders, University of North Carolina, Chapel Hill, NC; Rona L. Levy, PhD, Social Work, University of Washington, Seattle, WA.

158) Abstract 1743

HEALTH SERVICES USE BY FIRST-TIME EXPECTANT DADS WITH AND WITHOUT DEPRESSION

Maida J. Sewitch, PhD, Deborah Da Costa, PhD, Medicine, Phyllis Zeilikowitz, Ed.D., Psychiatry, McGill University, Montreal, Quebec, Canada; Rani Cruz, MSc, Clinical Epidemiology, Research Institute of the McGill University Health Centre, Montreal, Quebec, Canada.

159) Abstract 1349

CONTROL BELIEFS BUFFER THE NEGATIVE EFFECTS OF LOW EDUCATION ON INTERLEUKIN-6 LEVELS

Nicholas A. Turiano, PhD, Psychiatry, University of Rochester Medical Center, Rochester, NY; Margie Lachman, PhD, Psychology, Brandeis University, Waltham, MA; Benjamin P. Chapman, PhD, Psychiatry, University of Rochester Medical Center, Rochester, NY.

160) Abstract 1220

DARK CHOCOLATE INTAKE BUFFERS ENDOCRINE STRESS REACTIVITY ON THE LEVEL OF THE ADRENAL GLAND

Petra H. Wirtz, PhD, Biological Health Psychology, University of Bern, Bern, Switzerland; Roland von Känel, MD, Department of General Internal Medicine, Rebecca E. Meister, MS, General
161) Abstract 1270
CARDIAC AUTONOMIC FUNCTION IN RESPONSE TO EMOTIONAL MENTAL STRESS IN WOMEN WITH MICROVASCULAR CORONARY DYSFUNCTION
Puja K. Mehta, MD, Cardiology, Internal Medicine, Cedars-Sinai Medical Center, LA, CA, Milton Mile, MD, PhD, Medicine, UCSD, San Diego, CA, Meghan Bharadwaj, BA, Medicine, Rosario Ando, BS, Heart Institute, Galen Cook-Wiens, MS, Biostatistics and Bioinformatics, Zachary Hobel, BA, Medicine, Greg Lentz, BA, Heart Institute, Cedars-Sinai Medical Center, Los Angeles, CA, Michael Ziegler, MD, Internal Medicine, UCSD, San Diego, CA, David Krantz, PhD, Medical and Clinical Psychology, Uniformed Services University, Bethesda, MD, Michael R. Irwin, MD, Psychiatry and Behavioral Sciences, University of California, Los Angeles, Los Angeles, CA, N. Noel Bailey Merz, MD, Medicine, Cedars-Sinai Medical Center, Los Angeles, CA

162) Abstract 1236
MEASUREMENT OF ALLOSTATIC LOAD IN ADULTS AGED 34-84 IN THE MIDLIFE IN THE UNITED STATES STUDY
Joshua F. Wiley, MA, Psychology, University of California, Los Angeles, CA, Tara L. Gruenewald, PhD, Gerontology, University of Southern California, Los Angeles, CA, Teresa Seeman, PhD, Division of Geriatrics, David Geffen School of Medicine, University of California, Los Angeles, CA

163) Abstract 1311
WORK STRESS AND HAIR CORTISOL LEVELS AMONG WORKERS IN A BANGLADESI READY-MADE GARMENT FACTORY
Maria Steinisch, MD, Mannheim Institute of Public Health, Medical Faculty Mannheim, Mannheim, Baden-Württemberg, Germany, Rita Yusuf, PhD, School of Life Sciences, Independent University, Bangladesh, Dhaka, Dhaka, Bangladesh, Jian Li, PhD, Institute of Occupational and Social Medicine, University of Düsseldorf, Düsseldorf, North Rhine-Westphalia, Germany, Tobias Stalder, PhD, Biopsychology, University of Dresden, Dresden, Thuringia, Germany, Jörg A. Bosch, PhD, Clinical Psychology, University of Amsterdam, Amsterdam, Noord-Holland, The Netherlands, Omar Rahman, D.Sc., School of Life Sciences, Independent University, Bangladesh, Dhaka, Dhaka, Bangladesh, Joachim E. Fischer, PhD, Mannheim Institute of Public Health, Medical Faculty Mannheim, Mannheim, Baden-Württemberg, Germany, Adrian Loerbroks, PhD, Institute of Occupational and Social Medicine, University of Düsseldorf, Düsseldorf, North Rhine-Westphalia, Germany

164) Abstract 1340
GRIMACE & BEAR IT: DOES FACIAL GRIMACING REDUCE PERCEIVED PAIN AND PHYSIOLOGICAL RESPONSES TO NEEDLE INJECTION?
Sarah D. Pressman, PhD, Karishma Bhatia, BA, Psychology & Social Behavior, University of California, Irvine, Irvine, California, Katie Khuu, BS, BA, Pharmaceutical Sciences, Psychology & Social Behavior, University of California, Irvine, Garden Grove, California, John I. Ontiveros, BA, Social Behavioral Sciences, University of California Irvine, Pomona, California

165) Abstract 1023
INTRANASAL OXYTOCIN ADMINISTRATION LOWERS REPORTS OF ACUTE PAIN RELATIVE TO A PLACEBO
Joshua A. Rash, M.Sc., Tavis S. Campbell, PhD, Psychology, University of Calgary, Calgary, Alberta, Canada

166) Abstract 1325
SLEEP DISORDER AS A MEDIATOR OF THE ASSOCIATION BETWEEN ACUTE CORONARY SYNDROME-INDUCED POSTTRAUMATIC STRESS DISORDER AND ANERGIA (LACK OF ENERGY)
Jonathan A. Shaffer, PhD, Medicine, Matthew S. Maurer, MD, Cardiology, Carmela Alcántara, PhD, Elena Brondolo, BS, Donald Edmondson, PhD, MPH, Medicine, Columbia University Medical Center, New York, NY

Friday, March 14, 5:00 – 6:30 pm
Poster Session 2
Grand Ballroom B/C and foyers
Posters #167 through #288

167) Abstract 1107
SPEAKING IN IMAGES - ASSOCIATION BETWEEN THE PERCENTAGE OF THE DRAWN HEART PERCEIVED AS DAMAGED AND SUBJECTIVE DISTRESS LEVEL AFTER MYOCARDIAL INFARCTION
Mary Princip, M. Sc., Milian Iwemada, BMed, Rebecca Meister, M. Sc., Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, Bern University Hospital, and University of Bern, Bern, Bern, Switzerland, Jürgen Barth, PhD, Institute of Social and Preventive Medicine, University of Bern, Bern, Bern, Switzerland, Ulrich Schnyder, MD, Department of Psychiatry and Psychotherapy, University Hospital Zurich, Zurich, Zurich, Switzerland, Hansjörg Znoj, PhD, Institute of Psychology, Division of Clinical Psychology and Psychotherapy, University of Bern, Bern, Bern, Switzerland, Jean-Paul Schmid, MD, Cardiovascular Prevention, Rehabilitation & Sports Medicine, Department of Cardiology, Inselspital, Bern University Hospital, and University of Bern, Bern, Bern, Switzerland, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, University of Bern, Bern, Bern, Switzerland

168) Abstract 1105
ASSOCIATION OF HEART RATE VARIABILITY WITH PLASMA CORTISOL IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION
Mary Princip, M. Sc., Rebecca Meister, M. Sc., Department of General Internal Medicine, Division of Psychosomatic Medicine, Jean-Paul Schmid, MD, Cardiovascular Prevention, Rehabilitation & Sports Medicine, Department of Cardiology, Inselspital, Bern University Hospital, and University of Bern, Bern, Bern, Switzerland, Ulrich Schnyder, MD, Department of Psychiatry and Psychotherapy, University Hospital Zurich, Zurich, Zurich, Switzerland, Jürgen Barth, PhD, Institute of Social and Preventive Medicine, Hansjörg Znoj, PhD, Institute of Psychology, Division of Clinical Psychology and Psychotherapy, University of Bern, Bern, Bern, Switzerland, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, University of Bern, Bern, Bern, Switzerland

169) Abstract 1117
THE RELATIONSHIP BETWEEN TRAIT ANXIETY AND SUBJECTIVE SOMATIC AND ACTUAL BIOLOGICAL RESPONSES TO ACUTE PSYCHOLOGICAL STRESS
Annie T. Ginty, PhD, Douglas Carroll, PhD, Sarah E. Williams, PhD, School of Sport, Exercise, and Rehabilitation Sciences, University of Birmingham, Birmingham, West Midlands, United Kingdom

170) Abstract 1516
PREDICTORS OF ADJUSTMENT IN MEN DIAGNOSED WITH PROSTATE CANCER AND WHEN ATTENDING FOR BIOPSY.
AnnMarie Groarke, PhD, Ruth Curtis, PhD, Psychology, National University of Ireland, Galway, Co. Galway, Ireland

171) Abstract 1475
THE INFLUENCE OF LOW AROUSAL POSITIVE AFFECT ON CARDIOVASCULAR RESPONSE AND PAIN PERCEPTION WHILE RECEIVING A MOCK VACCINE.
Amanda M. Acevedo, BA, Alysha Chagany, BA, Melodi M. Miller, BA, Sarah D. Pressman, PhD, Psychology and Social Behavior, University of California- Irvine, Irvine, California
172) Abstract 1164
BEING POSITIVE IN THE OBESITY EPIDEMIC: OPTIMISM IS LINKED TO LOWER BMI IN OVERWEIGHT AND OBESE AFRICAN IMMIGRANTS
Mani K. Ali, MS, Clinical Psychology, Howard University, Washington, DC, Denese T. Mwendwa, PhD, Behavioral Health and Nutrition, University of Delaware, Newark, Delaware, Michelle Y. O'Connell, BS, Caroline K. Thoreson, BS, Madia Ricks, BSN MPH, Anne E. Sumner, MD, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, MD

173) Abstract 1376
PARASYMPATHETIC AROUSAL TO SOCIAL CHALLENGES AND PARENT-RATED SOCIAL BEHAVIOR: GENDER DIFFERENCES AMONG YOUNG CHILDREN
Parissa J. Ballard, PhD, UCSF, Center for Health and Community, UC Berkeley, School of Public Health, UCSF and UC Berkeley, San Francisco, California, Jelena Obradovic, PhD, Graduate School of Education, Stanford University, Stanford, California

174) Abstract 1179
NOT ALL EXERCISE IS CREATED EQUAL: SOCIOECONOMIC, PSYCHOSOCIAL, AND HEALTH PROFILES FOR LEISURE AND WORK-RELATED PHYSICAL ACTIVITY
Jennifer Boylan, PhD, Center for Women's Health and Health Disparities Research, University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin, Stephen A. Martin, PhD, Vera K. Tsienkova, PhD, Gayle D. Love, PhD, Institute on Aging, Carol D. Ryff, PhD, Psychology, University of Wisconsin, Madison, Madison, WI

175) Abstract 1825
SELF-COMPASSION AS A PREDICTOR OF CORTISOL RESPONSES TO REPEATED ACUTE PSYCHOSOCIAL STRESS
Juliana Breines, PhD, Myriam Thoma, PhD, Tove Freeman, BS, Zhan Wu, BS, Nicolas Rohleder, PhD, Psychology, Brandeis University, Waltham, MA

176) Abstract 1562
OPTIMISM AND SELF-ESTEEM IN RELATION TO DIABETES PREVALENCE AND GLYCEMIC CONTROL IN HISPANIC ADULTS IN THE U.S.: RESULTS FROM THE HISPANIC COMMUNITY HEALTH STUDY/STUDY OF LATINOS (HCHS/SOL) SOCIOCULTURAL ANCILLARY STUDY
Carrie E. Brintz, MS, Psychology, University of Miami, Coral Gables, FL, William Arguelles, PhD, Psychology, University of Miami, Miami, FL, Maria M. Liabre, PhD, Psychology, University of Miami, Coral Gables, FL, Linda C. Gallo, PhD, Psychology, San Diego State University, San Diego, CA, John M. Ruiz, PhD, Psychology, University of North Texas, Denton, TX, Rosalba Hernandez, PhD, Cardiovascular Epidemiology and Prevention, Northwestern University, Chicago, IL, Jianwen Cai, PhD, Biostatistics, University of North Carolina at Chapel Hill, Chapel Hill, NC, Martha Daviglus, MD, PhD, Preventive Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL, Carmen Isasi, MD, PhD, Epidemiology and Population Health, Einstein College of Medicine, Bronx., NY, Jessica L. McCutley, PhD, Institute for Behavioral and Community Health, San Diego State University, San Diego, CA, Yaping Teng, MD, MS, College of Medicine, Institute of Behavioral and Community Health, University of North Carolina at Chapel Hill, Chapel Hill, NC, Neil Schneiderman, PhD, Psychology, University of Miami, Coral Gables, FL, Frank J. Perencki, PhD, Medical Social Sciences, Northwestern University Feinberg School of Medicine, Chicago, IL

177) Abstract 1468
OPTIMISM PROTECTS AGAINST THE ADVERSE EFFECTS OF PERCEIVED RACIAL DISCRIMINATION ON CARDIOVASCULAR RISK
Abdel J. Flores, BA, Margarita Aulet-Leon, BA, Wendy Berry Mendes, PhD, Kirstin Aschbacher, PhD, Psychiatry Department, University of California, San Francisco, San Francisco, CA

178) Abstract 1504
MULTIMORBIDITY IN MIDDLE AND LATER LIFE: A LONGITUDINAL ANALYSIS OF RISK AND PROTECTIVE FACTORS
Elliot Friedman, PhD, Elizabeth Wehrspann, BA, Human Development and Family Studies, Purdue University, West Lafayette, IN

179) Abstract 1597
FIVE-FACTOR PERSONALITY DIMENSIONS CORRELATE WITH DIFFERENT COGNITIVE ABILITIES AMONG OLDER ADULTS
Natasha E. Garcia, BA, Suzanne C. Segerstrom, PhD, Psychology, University of Kentucky, Lexington, KY

180) Abstract 1384
INFLUENCE OF ETHNICITY AND ANXIETY ON SLEEP DEFICIENCIES AMONG PREGNANT WOMEN
Aliza Gonzalez, BA, Guido Unriz, PhD, Psychology, CSULB, Long Beach, CA

181) Abstract 1796
PREDICTORS OF ADHERENCE TO AIRWAY CLEARANCE THERAPY AMONG ADULT CYSTIC FIBROSIS PATIENTS
Allen C. Sherman, PhD, Stephanie Simonton-Achtle, PhD, Behavioral Medicine, Catherine E. O'Brien, PhD, Department of Pharmacy Practice, Raghu M. Reddy, MD, Internal Medicine, Dianne Campbell, MSW, Cystic Fibrosis Clinic, Bethany Jensen, PhD candidate, Department of Pharmacy Practice, Laura Wagner, BA candidate, Behavioral Medicine, Paula J. Anderson, MD, Internal Medicine, University of Arkansas for Medical Sciences, Little Rock, AR

182) Abstract 1040
UNRAVELING THE ROLE OF STRESS IN HEART FAILURE: PROSPECTIVE RELATIONSHIPS WITH HOSPITAL READMISSION EVENTS AND DEATH, SYMPTOMS, AND FUNCTIONAL STATUS IN THE BETHEART STUDY
Romano Endrighi, PhD, Medical &Clinical Psychology, Andrew J. Waters, PhD, Nadine S. Bekkouche, MS, Medical & Clinical Psychology, Uniformed Services University of the Health Sciences, Bethesda, MD, Kristine M. Raba, MS, Cardiopulmonary Behavioral Medicine Lab, The Ohio State University, Columbus, OH, Willem J. Kop, PhD, Medical & Clinical Psychology, Tilburg University, Tilburg, the Netherlands, the Netherlands, Andrew J. Wawrzyniak, PhD, School of Nursing & Health Studies, University of Miami, Miami, Florida, Stephen S. Gottlieb, MD, Medicine, University of Maryland Medical Center, Baltimore, Maryland, David S. Kranz, PhD, Medical & Clinical Psychology, Uniformed Services University of the Health Sciences, Bethesda, Maryland

183) Abstract 1050
DEPRESSIVE SYMPTOMS DURING REHABILITATION PREDICT FUTURE CARDIOVASCULAR-RELATED HOSPITAL READMISSIONS PLUS ALL-CAUSE MORTALITY
Florencia A. Meyer, M.Sc., Eva Hugentobler, B.Sc., Division of Psychosomatic Medicine, Department of General Internal Medicine, Stefanie Stauer, M.Sc., Heart Failure and Transplantation, Department of Cardiology, Matthias Wilhelm, MD, Cardiovascular Prevention, Rehabilitation & Sports Medicine, Department of Cardiology, Inselspital, Bern University Hospital, Bern, BE, Switzerland, Hansjörg Znoj, PhD, Institute of Psychology, Division of Clinical Psychology and Psychotherapy, University of Bern, Bern, BE, Switzerland, Roland von Känel, MD, Division of Psychosomatic Medicine, Department of General Internal Medicine, Inselspital, University of Bern, Bern, BE, Switzerland

184) Abstract 1098
QUALITY OF LIFE IN PATIENTS WITH CONGENITAL VASCULAR MALFORMATIONS
En-Young N. Cho, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Jennifer Fahrni, MD, Rolf P. Engelsberger, MD, Iris Baumgartner, MD, Swiss Cardiovascular Center, Division of Angiology, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, University of Bern, Inselspital, Bern, Bern, Switzerland
185) Abstract 1119

PHYSICAL SYMPTOMS, NEGATIVE AFFECT, AND HEALTH: THE ABILITY OF PHYSICAL SYMPTOMS TO PREDICT FUTURE HEALTH 10 YEARS LATER

Kate A. Leger, BA, Susan T. Charles, PhD, Psychology and Social Behavior, University of California, Irvine, Irvine, CA, David M. Almeida, PhD, Human Development and Family Studies, Penn State University, University Park, PA

186) Abstract 1131

WHAT DETERMINE CANCER PATIENTS’ AND ONCOLOGISTS’ NEED FOR REFERRAL TO PSYCHOSOCIAL SERVICES?: RESULTS FROM THE DISTRESS SELF-SCREENING SYSTEM USING TOUCHSCREEN COMPUTER

Joo-Young Lee, MD, Dooyoung Jung, MD, Hye Yoon Park, MD, Bong-Jin Hahm, MD, PhD, Neuropsychiatry, Seoul National University Hospital, Seoul, Jongno-gu, Republic of Korea

187) Abstract 1141

ASSOCIATION OF SOCIAL SUPPORT WITH PSYCHOPHYSIOLOGICAL REACTIONS IN ACUTE MYOCARDIAL INFARCTION PATIENTS.

Rebecca Meister, MSc, Mary Princip, MSc, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, Bern University Hospital, and University of Bern, Bern, Switzerland, Ulrich Schnyder, MD, Department of Psychiatry and Psychotherapy, University Hospital Zurich, Zurich, Switzerland, Jürgen Barth, PhD, Institute of Social and Preventive Medicine, University of Bern, Switzerland, Jean-Paul Schmid, MD, Cardiovascular Prevention, Rehabilitation & Sports Medicine, Department of Cardiology, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, Bern University Hospital, and University of Bern, Bern, Switzerland

188) Abstract 1148

DIFFERENTIAL IMPACT OF SEROTONIN TRANSPORTER ACTIVITY ON TEMPERAMENT AND BEHAVIOR IN PERSONS WITH A FAMILY HISTORY OF ALCOHOLISM IN THE OKLAHOMA FAMILY HEALTH PATTERNS PROJECT

William R. Lovatto, MD, Psychiatry and Behavioral Sciences, University of Oklahoma Health Sciences Center and VA Medical Center, Oklahoma City, OK, Mary-Anne Enoch, MD, Laboratory of Neurogenetics, NIH, Bethesda, MD, Eledad Yechiam, PhD, Behavioral Sciences, Technion University, Haifa, no province, Israel, David C. Glahn, PhD, Psychiatry, Yale University, Hartford, CT, Ashley Acheson, PhD, Psychiatry, UTHSCSA, San Antonio, TX, Kristen H. Sorocco, PhD, Donald W. Reynolds Department of Geriatric Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK, Colin A. Hodgkinson, PhD, Kim Bojeong, ME, Laboratory of Neurogenetics, NIH, Bethesda, MD, Andrew J. Cohoon, MPH, Psychiatry and Behavioral Sciences, University of Oklahoma Health Sciences Center, Oklahoma City, OK, Andrea S. Vincent, PhD, Cognitive Science Research Center, University of Oklahoma, Norman, OK, David Goldman, MD, Laboratory of Neurogenetics, NIH, Bethesda, MD

189) Abstract 1176

A QUALITATIVE EXAMINATION OF THE CONNECTION BETWEEN POSITIVE PSYCHOLOGICAL CONSTRUCTS AND PHYSICAL ACTIVITY FOLLOWING AN ACUTE CORONARY SYNDROME

Jeff C. Huffman, MD, Psychiatry, Harvard Medical School, Boston, MA, Carol A. Mastromauro, MSW, Christina M. DuBois, BA, Shannon V. Moore, BA, Psychiatry, Massachusetts General Hospital, Boston, MA, Elyse R. Park, PhD, Psychiatry, Harvard Medical School, Boston, MA

190) Abstract 1191

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Susan S. Girdler, PhD, Jacqueline Johnson, PhD, Psychiatry, University of North Carolina, Chapel Hill, North Carolina

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RELATIONSHIP DISTRESS PREDICTS HUNGER-RELATED HORMONE LEVELS

Lisa M. Jaremka, PhD, Institute for Behavioral Medicine Research, Martha A. Belury, PhD, Department of Human Nutrition, William B. Malarkey, MD, Internal Medicine, Ronald Glaser, PhD, Lisa Christian, PhD, Institute for Behavioral Medicine Research, The Ohio State University College of Medicine, Columbus, OH, Charles F. Emery, PhD, Psychology, The Ohio State University, Columbus, OH, Janice K. Kiecolt-Glaser, PhD, Institute for Behavioral Medicine Research, The Ohio State University College of Medicine, Columbus, OH

192) Abstract 1214

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Dooyoung Jung, MD, Joo-Young Lee, MD, Bong-Jin Hahm, MD, PhD, Neuropsychiatry, Seoul National University Hospital, Seoul, Jongno-gu, Republic of Korea

193) Abstract 1844

SPIRITUALITY AND CARDIOVASCULAR OUTCOMES DURING THE MIDLIFE TRANSITION

Tracy Brown, Bachelor of Science, Clinical Psychology, Brigham Young University, CEDAR HILLS, Utah, Malvina Salash, Master of Science, Psychology, Brigham Young University, Provo, UT, Brigham Breton, Bachelor of Science, Health and Science, Brigham Young University, Orem, UT, Patrick Steffen, Doctorate, Clinical Psychology, Brigham Young University, Provo, UT

194) Abstract 1378

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Kaylee E. Burnham, MA, Dean G. Crues, PhD, Caitlin B. Burbridge, PhD, Clinical Psychology, University of Connecticut, Storrs, CT, Mary Casey Jacob, PhD, Psychiatry & OB/GYN, Howard Tennen, PhD, Community Medicine and Healthcare, University of Connecticut Health Center, Farmington, CT

195) Abstract 1380

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Elizabeth Cash, PhD, Surgery, Division of Otolaryngology, Whitney Rebholz, BA, Psychological & Brain Sciences, John Gettellinger, BS, Medicine, Eric Russ, PhD, Psychiatry, Liz Wilson, BSN, RN, CCNP, OCN, Jeffrey Bumpous, MD, Surgery, Division of Otolaryngology, University of Louisville School of Medicine, Louisville, KY, Sandra E. Septon, PhD, Psychological & Brain Sciences, University of Louisville, Louisville, KY

196) Abstract 1856

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197) Abstract 1540
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Ann-Marie Creaven, PhD, Psychology, University of Limerick, Limerick, Ireland, Ireland

198) Abstract 1764
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Kasey G. Creswell, PhD, Psychology, Carnegie Mellon University, Pittsburgh, PA, Aidan G. Wright, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA, Wendy M. Troxel, PhD, Behavioral and Social Science, RAND Corporation, Pittsburgh, PA, Robert E. Ferrell, PhD, Human Genetics, University of Pittsburgh, Pittsburgh, PA, Janine Flor, PhD, Psychiatry, Mount Sinai School of Medicine, Bronx, NY, Stephen Manuck, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA

199) Abstract 1448
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Marie P. Cross, BA, Psychology and Social Behavior, UC Irvine, Irvine, CA, Sara M. Estevez Cores, BA, Psychology, Scripps College, Claremont, CA, Alex H. Bower, BA (Expected 2014), Sarah D. Pressman, PhD, Psychology and Social Behavior, UC Irvine, Irvine, CA

200) Abstract 1449
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201) Abstract 1806
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202) Abstract 1775
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Hans-Christian Deter, Prof.MD, Internal Medicine, Psychosomatic, Charité, Berlin, Germany, Kristina Orth-Gomér, Prof.MD, Prof.D., Clinical Neuroscience, Karolinska Institutet, Stockholm, Stockholm, Sweden, Melanie Merswolken, PhD, Internal Medicine, Psychosomatic, Charité, Berlin, Berlin, Germany

203) Abstract 1502
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Beate Ditzen, PhD, Corinne Spoerri, PhD, Guy J. Bodenmann, PhD, Psychology, University of Zurich, Zurich, Switzerland, Markus Heinrichs, PhD, Psychology, University of Freiburg, Freiburg, Germany, Ulrike M. Ehler, PhD, Psychology, University of Zurich, Zurich, Switzerland, Switzerland

204) Abstract 1538
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205) Abstract 1439
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206) Abstract 1495
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207) Abstract 1500
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Melissa R. Fales, MA, Martie G. Haselton, PhD, Psychology, University of California, Los Angeles, Los Angeles, CA, Ethan S. Young, BS, Psychology, University of Minnesota, Twin Cities, Minneapolis, MN

208) Abstract 1446
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Candace Fanale, BA, B.S, Bruce Wright, MD, Psychology, Washington State University, Pullman, Washington, Celestina Barbosa-Leiker, PhD, College of Nursing, Washington State University, Spokane, Washington, Elizabeth D. Eldridge, MS, Psychology, Washington State University, Pullman, Washington

209) Abstract 1028
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Misty A. Hawkins, PhD, Michael Alasco, MA, Mary Beth Spitznagel, PhD, Psychology, Kent State University, Kent, OH, Gladys Strain, PhD, Nutrition in Surgery, Weill Cornell Medical College, New York, NY, Michael Devlin, MD, Psychiatry, Columbia University College of Physicians and Surgeons, New York, NY, Ronald C. Cohen, PhD, Psychiatry and Human Behavior, Brown University, Providence, RI, Ross C. Crosby, PhD, Department of Neuroscience, University of North Dakota School of Medicine, Fargo, ND, James E. Mitchell, MD, Department of Clinical Neuroscience, University of North Dakota, Fargo, ND, John Gunstad, PhD, Psychology, Kent State University, Kent, OH
210) Abstract 1365
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Alex Woody, MS, Peggy M. Zoccola, PhD, Wilson S. Figueroa, BA, Erin Rabideau, MS, Psychology, Ohio University, Athens, OH

211) Abstract 1501
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Alexandra Linnenmann, M.Sc., Psychology, University of Marburg, Marburg, Hesse, Germany, Beate Ditzen, PhD, Psychology, University of Zurich, Zurich, Switzerland, Jana Strahler, PhD, Johann M. Doerr, M.Sc., Urs M. Nater, PhD, Psychology, University of Marburg, Marburg, Hesse, Germany

212) Abstract 1541
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Brooke Gentle, MS, Colleen Burkehd, BA, Sammie Tang, BS, Psychology and Social Behavior, University of California, Irvine, Irvine, California, Omri Gillath, PhD, Psychology, University of Kansas, Lawrence, Kansas, Sarah D. Pressman, PhD, Psychology and Social Behavior, University of California, Irvine, Irvine, CA

213) Abstract 1416
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214) Abstract 1411
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215) Abstract 1589
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216) Abstract 1433
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Jennifer Graham-Engelbrand, PhD, Danica Slavish, BA, Biobehavioral Health, Liz Munoz, MS, Human Development and Family Studies, The Pennsylvania State University, University Park, PA, Sunmi Song, PhD, Social and Behavioral Research Branch, National Human Genome Research Institute, National Institutes of Health, Bethesda, PA, Martin Silwinski, PhD, Human Development and Family Studies, The Pennsylvania State University, University Park, PA

217) Abstract 1606
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Konstandina Griva, PhD, Psychology, National University Of Singapore, Singapore, Singapore, Yu Zhenli, MSc, Renal Medicine, Khoo Teck Phuat Hospital, Singapore, Singapore, Marjorie Wai Yien Foc, MB CNB (Belfast), MRCP (Renal Medicine, Singapore General Hospital, Singapore, Singapore

218) Abstract 1412
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219) Abstract 1548
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Jaime Hardy, MS, Suzanne Segerstrom, PhD, Psychology, University of Kentucky, Lexington, KY

220) Abstract 1590
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Kristie M. Harris, MS, Derek R. Anderson, MA, Jacob D. Landers, BS, Charles F. Emery, PhD, Psychology, The Ohio State University, Columbus, OH

221) Abstract 1586
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Ana B. Roman, BA, Guido Urizar, PhD, Psychology, CSULB, Long Beach, CA

222) Abstract 1447
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Angela M. Stoehr, BS, Public Health, Syracuse University, Syracuse, New York, Olivia D. Saldes, A.A., Health, Physical Education, and Wellness, City University of New York: Bronx Community College, Bronx, New York, Brooks B. Gump, PhD., MPH., Public Health, Syracuse University, Syracuse, New York

223) Abstract 1674
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Battuvshin Lkhagvasuren, MD., PhD., Takakazu Oka, MD., PhD., Psychosomatic Medicine, Kyushu University, Fukuoka, Fukuoka, Japan

224) Abstract 1721
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Antonio Terracciano, PhD, Geriatrics, Angelina Sutin, PhD, Medical Humanities and Social Sciences, Florida State University College of Medicine, Tallahassee, Florida
225) Abstract 1500
EFFECT OF PTSD ON PSYCHOSOCIAL AND FUNCTIONAL OUTCOMES IN YOUNGER VERSUS OLDER VETERANS: FINDINGS FROM THE MIND YOUR HEART STUDY
Brian N. Smith, PhD, Department of Psychiatry, Boston University School of Medicine, National Center for PTSD, VA Boston Healthcare System, Boston, MA, Ellen M. Kroucky, PhD, National Center for PTSD, VA Boston Healthcare System, Boston, MA, Thomas C. Neylan, MD, Department of Psychiatry, Beth E. Cohen, MD, MAS, Department of Medicine, University of California, San Francisco, San Francisco, CA

226) Abstract 1531
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Brighid T. Lynch, Bachelors of Science, Timothy T. Verstuyven, Ph.D, Psychology, Carnegie Mellon University, Pittsburgh, PA, Andrea M. Weinstein, Masters of Science, Clinical and Biological Health Psychology, University of Pittsburgh, Pittsburgh, PA, Naima A. Khan, Ph.D, Department of Kinesiology and Community Health, Lauren A. Raine, Bachelors of Science, Illinois Transdisciplinary Obesity Prevention Program, Mark R. Scudder, Bachelors of Science, Department of Kinesiology and Community Health, Eric S. Drollette, Bachelors of Science, Kinesiology, University of Illinois at Urbana-Champaign, Urbana, IL, Arthur F. Kramer, Ph.D, Psychology, University of Illinois at Urbana-Champaign, Champaign, IL, Charles H. Hillman, Ph.D, Departments of Kinesiology and Community Health, University of Illinois at Urbana-Champaign, Urbana, IL, Kirk I. Erickson, Ph.D, Psychology, University of Pittsburgh, Pittsburgh, PA

227) Abstract 1536
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Christiane A. Hoppmann, PhD, Psychology, University of British Columbia, Vancouver, BC, Canada, Stacey S. Scott, PhD, School of Aging Studies, University of Southern Florida, Tampa, FL, Urs M. Nater, PhD, Psychology, University of Marburg, Marburg, Hessen, Germany

229) Abstract 1426
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Chion Lee, PhD, Office of Population Research, Princeton University, Princeton, NJ, Vera Tsenkova, PhD, Obstetrics and Gynecology, University of Wisconsin, Madison, WI, Deborah Carr, PhD, Sociology, Rutgers, The State University of New Jersey; New Brunswick, NJ

230) Abstract 1445
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Christiane Waller, PD MD, Psychosomatic Medicine and Psychotherapy, Medical School of Ulm, Germany, Ulm, Baden-Württemberg, Germany, Franziska Szabo, MS, Uta Hoppmann, MS, Sabrina Krause, Bachelor, Edit Rottler, non, Harald Günadel, Prof., Psychosomatic Medicine and Psychotherapy, Medical School of Ulm, Ulm, Baden-Württemberg, Germany

231) Abstract 1542
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Courtney B. Kelch, MS, Gail Ironson, MD, PhD, Psychology, University of Miami, Coral Gables, FL, Connell O’Cleirigh, PhD, Psychiatry, Harvard Medical School, Boston, MA, Jane Leserman, PhD, Psychiatry, University of North Carolina, Chapel Hill, NC, Joanne Fordiani, PhD, Boston VA Research Institute, Inc, VA Boston Healthcare System, Boston, MA, Neil Schneiderman, PhD, Psychology, University of Miami, Coral Gables, FL

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Chioun Lee, PhD, Office of Population Research, Princeton University, Princeton, NJ, Vera Tsenkova, PhD, Obstetrics and Gynecology, University of Wisconsin, Madison, WI, Deborah Carr, PhD, Sociology, Rutgers, The State University of New Jersey; New Brunswick, NJ

236) Abstract 1539
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Dóra Révész, MSc, Yuri Milaneschi, PhD, Josine E. Verhoeven, MSc, Brenda W. Penninx, PhD, Psychiatry, GGZ inGeest / VU University Medical Center, Amsterdam, The Netherlands, The Netherlands

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240) Abstract 1553
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241) Abstract 1585
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242) Abstract 1488
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Janet Wong, PhD, RN, Daniel Fong, PhD, School of Nursing, LKS Faculty of Medicine, The University of Hong Kong, Hong Kong, Hong Kong, Hong Kong SAR, Kelvin Chan, MBBS(HK), MRCP(UK), MRCP, Department of Medicine, Queen Mary Hospital, PoFulam, Hong Kong, Hong Kong SAR

243) Abstract 1219
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Petra H. Wirtz, PhD, Livia Thomas, MS, Biological Health Psychology, University of Bern, Bern, Bern, Switzerland, Adrian Schwaninger, PhD, School of Applied Psychology, University of Applied Sciences Northwestern Switzerland, Olten, SO, Switzerland

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245) Abstract 1620
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Karen Weihs, MD, Psychiatry and Family & Community Medicine, University of Arizona, Tucson, AZ, Joshua F. Wiley, MA, Psychology, University of California, Los Angeles, CA, Annette L. Stanton, PhD, Psychology and Psychiatry/Biobehavioral Sciences, University of California, Los Angeles, Los Angeles, CA

246) Abstract 1406
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Norio Watanabe, MD, PhD, Clinical Epidemiology, National Center of Neurology and Psychiatry, JAPAN, Kodaira, Tokyo, Japan

247) Abstract 1510
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248) Abstract 1719
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249) Abstract 1498
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Yvette Z. Szabo, BS, Brain & Psychological Sciences, Rafael Fernandez-Botran, PhD, James J. Miller, PhD, Pathology & Laboratory Medicine, Keith B. Lyle, PhD, Tamara L. Newton, PhD, Brain & Psychological Sciences, University of Louisville, Louisville, KY

250) Abstract 1506
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Jesse C. Stewart, PhD, Psychology, Indiana University School of Medicine, Indianapolis, IN, Robert V. Considine, PhD, Medicine, Indiana University School of Medicine, Indianapolis, IN, Jesse C. Stewart, PhD, Psychology, Indiana University School of Medicine, Indianapolis, IN

251) Abstract 1720
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Kimberly J. Smith, PhD, Psychiatry, Cassandra Freitas, BSc, Epidemiology, Norbert Schmitz, PhD, Psychiatry, McGill University, Montreal, Quebec, Canada
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Loes Smejers, MSc, Medical and Clinical Psychology, CoRPS, Tilburg University, Tilburg, the Netherlands, Elizabeth Mostofsky, MPH, ScD, Cardiovascular Epidemiology Research Unit, Harvard School of Public Health, Beth Israel Deaconess Medical Center, Boston, MA, Willeem J. Kop, PhD, Medical and Clinical Psychology, CoRPS, Tilburg University, Tilburg, the Netherlands, Murray A. Mittelman, MD, DrPH, Cardiovascular Epidemiology Research Unit, Harvard School of Public Health, Beth Israel Deaconess Medical Center, Boston, MA

253) Abstract 1756
AFRICAN-AMERICAN KIDNEY TRANSPLANT PATIENTS ATTITUDES TOWARD MHEALTH TECHNOLOGY FOR EDUCATION AND PREPARATION FOR TRANSPLANTATION
John C. Sieverdes, PhD, College of Nursing, Prabhakar Baliga, MD, Kenneth D. Chavin, MD, PhD, College of Medicine, Frank A. Treiber, PhD, College of Nursing, College of Medicine, Medical University of South Carolina, Charleston, SC

254) Abstract 1517
THE EFFECTS OF LIFELONG STRESS EXPOSURE AND FORGIVENESS ON MENTAL AND PHYSICAL HEALTH
Grant S. Shields, BA, Psychology, University of California, Davis, Davis, CA, Gabriel Dorn, In progress, Loren Toussaint, PhD, Psychology, Luther College, Decorah, IA, George M. Slavich, PhD, Psychiatry and Biobehavioral Sciences, University of California, Los Angeles, Los Angeles, CA

255) Abstract 1465
RELATIONS OF CAREGIVER STATUS, PERCEIVED STRESS, AND BODY MASS INDEX ON CORTISOL PATTERNS AMONG OLDER ADULTS
Kathryn E. Scheyer, BA, Psychology, CSULB, Long Beach, CA, Karissa Miller, MA, Psychology, University of Pittsburgh, Pittsburgh, Pennsylvania, Guido Urizar, Ph. D., Psychology, CSULB, Long Beach, California, Cynthia Castro, Ph. D., Abby King, Ph. D., School of Medicine, Stanford University, Palo Alto, California

256) Abstract 1314
DOES STRESS MEDIATE THE ASSOCIATION BETWEEN BODY PERCEPTIONS AND DEPRESSION DEPENDENT ON GENDER AND AGE?
Natalie J. Sabik, Ph.D, Sarah Lupis, MA, Ashley Geiger, MA, Jutta M. Wolf, PhD, Psychology, Brandeis University, Waltham, MA

257) Abstract 1381
PATTERNING OF THE STRESS RESPONSE SYSTEM IN CHILDREN AND ADOLESCENTS
Sivan Rotenberg, MA, Psychology, Concordia University, Montreal, Quebec, Canada, Jennifer J. McGrath, PhD, M.P.H., Psychology, Concordia University, Montréal, Quebec, Canada

258) Abstract 1572
NATURALISTICALLY-OBSERVED TV WATCHING AND DISENGAGEMENT AMONG COUPLES COPEING WITH BREAST CANCER
Megan L. Robbins, PhD, Psychology, University of California, Riverside, Riverside, CA

259) Abstract 1800
ROMANTIC PARTNERS’ EATING TO REGULATE EMOTION IS ASSOCIATED WITH SHARED HEALTH-COMPROMISING BEHAVIORS
Kelly E. Rentschler, MA, Psychology, University of Arizona, Tucson, AZ, Jane A. Skoyen, MA, Psychiatry, University of California, San Diego, La Jolla, CA, Ashley K. Randall, PhD, Counseling & Counseling Psychology, Arizona State University, Tempe, AZ, Emily A. Butler, PhD, Family Studies & Human Development, University of Arizona, Tucson, AZ

260) Abstract 1859
TRAIT WORRY ASSOCIATED WITH HRV IN HEART FAILURE PATIENTS
Laura S. Redwine, PhD, Brook S. Henry, PhD, John C. Wells, MS, Paul J. Mills, PhD, Psychiatry, University of California, San Diego, CA

261) Abstract 1686
SOCIAL SMOKING SITUATIONS (S3) SCALE: A NEW MEASURE OF SOCIAL EXPOSURE TO SMOKING DURING ADOLESCENCE
Simon Racicot, MA, Samantha Drouin, M.Sc., Jennifer J. McGrath, PhD, MPH, Pediatric Public Health Psychology Laboratory, Concordia University, Montreal, Quebec, Canada

262) Abstract 1372
LEPTIN IN RESPONSE TO ACUTE STRESS DURING SMOKING ABSTINENCE AND ITS ASSOCIATION WITH CRAVING: A PRELIMINARY INVESTIGATION
Sheena Potretzke, MS, Biobehavioral Health and Population Sciences, University of Minnesota Medical School-Duluth, Duluth, MN, Motohiro Nakajima, PhD, Biobehavioral Health and Population Sciences, University of Minnesota Medical School, Duluth, MN, Mustafa al’Absi, PhD, University of Minnesota Medical School-Duluth, Duluth, MN

263) Abstract 1363
THE POWER OF LOVE: SOCIAL SUPPORT MODERATES THE PROSPECTIVE RELATIONSHIPS BETWEEN SLEEP QUALITY AND DEPRESSIVE SYMPTOMS IN PREGNANCY AND THE POSTPARTUM PERIOD.
Julia C. Poole, BA (Hons), Department of Paediatrics, Lianne Tomfohr, PhD, Psychology, Nicole Letourneau, PhD, Paediatrics & Nursing, Tavis Campbell, PhD, Psychology, Gerry F. Giesbrecht, PhD, Paediatrics, University of Calgary, Calgary, AB, Canada

264) Abstract 1543
PATTERNS OF DISCRIMINATION AND STRESS IN HISPANIC AND CAUCASIAN WOMEN
India J. Ornelas, PhD, Health Services, Alan Kuniyuki, MS, Shirley A. Beresford, PhD, Epidemiology, Deborah J. Bowen, PhD, Bioethics and Humanities, University of Washington, Seattle, Washington

265) Abstract 1497
EFFECTS OF THE CHRONIC PAIN SELF-MANAGEMENT PROGRAM UPON HEALTH STATUS; A RANDOMIZED CONTROLLED TRIAL
Martin H. Olsen, PhD, Psychocounselogy and Health Psychology Unit, Aarhus University Hospital & Aarhus University, Aarhus, Jutland, Denmark, Mimi M. Mehlisen, PhD, Dept. of Psychology, Aarhus University, Aarhus, Jutland, Denmark

266) Abstract 1437
EMPATHIC RESPONSE TO STRANGERS BASED ON INTEROCEPTIVE EXPERIENCE: AN FMRI STUDY
Mary-Frances O’Connor, PhD, Psychology, University of Arizona, Tucson, AZ

267) Abstract 1354
VIGILANT COPING STYLE PREDICTS ENHANCED PAIN EXPERIENCE IN REGULAR SMOKERS
Motohiro Nakajima, PhD, Biobehavioral Health and Population Sciences, University of Minnesota Medical School, Duluth, MN, Masato Usuki, MD, PhD, Psychiatry, National Disaster Medical Center,
268) Abstract 1392

EFFECTS OF A CBSM INTERVENTION ON PRENATAL SOCIAL SUPPORT DURING PREGNANCY

Maria Morales, BA, Guido Unzar, PhD, Psychology, CSULB, Long Beach, CA

269) Abstract 1306

DEPRESSIVE AND ANXIETY DISORDERS IN DIAGNOSED AND UNDIAGNOSED DIABETES MELLITUS

Maaike Meurs, MSc, Annemieke M. Roest, PhD, Peter de Jonge, PhD, Judith G. Rosmalen, PhD, Department of Psychiatry, University Medical Center Groningen (UMCG), Groningen, Groningen, the Netherlands

270) Abstract 1588

PSYCHOLOGICAL STRESS IN THE ELDERLY AND ITS EFFECT ON VISUAL WORKING MEMORY: A PHYSIOLOGICAL AND BEHAVIORAL CORRELATE.

Tabatha R. Memmott, Behavioral Neuroscience, Meghan Miller, BA Chemistry, Neurology, Oregon Health and Sciences University, Portland, Oregon, Roger M. Ellingson, MS Computer Sci & Engin, RM Ellingson System Design & Development, Portland, Oregon, Barry Oken, MD Neurology, Behavioral Neuroscience and Biomedical Engineering, Oregon Health and Sciences University, Portland, OR

271) Abstract 1453

RELATING FACETS OF MAJOR LIFE EVENTS TO HEALTH INDICATORS IN DAILY LIFE

Vanessa Juth, PhD, Program in Public Health, University of California, Irvine, Irvine, CA, Matthew J. Zawadzki, PhD, Joshua M. Smyth, PhD, Department of Biobehavioral Health, The Pennsylvania State University, University Park, PA

272) Abstract 1863

ANTICIPATORY COGNITIVE STRESS APPRAISAL MODULATES SUPPRESSION OF MACROPHAGE ACTIVATION BY PSYCHOSOCIAL STRESS

Ulrike Kuebler, PhD, Clinical Psychology and Psychotherapy, University of Zurich, Zurich, Switzerland, Petra H. Wirtz, PhD, Biological and Health Psychology, University of Bern, Bern, Switzerland, Ulrike Ehrt, PhD, Clinical Psychology and Psychotherapy, University of Zurich, Zurich, Switzerland

273) Abstract 1600

PRENATAL MATERNAL ROLE EXPECTATIONS AND FEELINGS OF CONTROL DURING LABOR: IMPACT ON POSTPARTUM HEALTH IN LOW-INCOME MEXICAN AMERICAN WOMEN

Shannon L. Jewell, BS, Jenna L. Gress-Smith, MA, Linda J. Luecken, PhD, Nancy Gonzales, PhD, Keith Cnbc, PhD, Psychology, Arizona State University, Tempe, AZ

274) Abstract 1842

EFFECT OF THE COX-MAZE PROCEDURE FOR ATRIAL FIBRILLATION ON MENTAL STRESS REACTIVITY: A PILOT STUDY

Sari D. Holmes, PhD, Cardiac Surgery Research, Inova Heart and Vascular Institute, Falls Church, VA, Ali A. Weinstein, PhD, Department of Global and Community Health, Susan Lydick, MA, Rehabilitation Science, George Mason University, Fairfax, VA, Casey Miller, BS, Deborah Lamont, BS, Lisa M. Martin, PhD, Niv Ad, MD, Cardiac Surgery Research, Inova Heart and Vascular Institute, Falls Church, VA

275) Abstract 1408

LACK OF SECURE ATTACHMENT AND VALUE OF DISMISSING ATTACHMENT AMONG OLDER ADULTS WITH CARDIAC DISEASE

Robert G. Maunder, MD, Psychiatry, Gary Newton, MD, Cardiology, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, Canada, Rob Nolan, PhD, Psychiatry, University of Toronto, Toronto, Ontario, Canada

276) Abstract 1840

RELIGIOUS INVOLVEMENT IMPROVES CARDIOVASCULAR RECOVERY AFTER SOCIAL STRESS

Rene Hefti, consultant, Psychosomatic Medicine, Clinic SGM Langenthal, Langenthal, BE, Switzerland, Lars Kägi, resident, research fellow, Psychosomatic Medicine, Research, Klinik SGM Langenthal, Langenthal, BE, Switzerland

277) Abstract 1673

DISSOCIATIVE SYMPTOMS IN PATIENTS WITH NON-EPILEPTIC ATTACK DISORDER

Nick Medford, PhD, Psychiatry, Brighton and Sussex Medical School, Brighton, East Sussex, UK, Suzanne Neumann, MSc, Psychology, University of Sussex, Brighton, East Sussex, UK, Arthur Cotterell, BA (Hons), Psychiatry, Brighton and Sussex Medical School, Brighton, East Sussex, UK

278) Abstract 1355

DEPRESSION HISTORY IMPACTS ORAL HEALTH IN POSTMENOPAUSAL WOMEN WITH BREAST CANCER

Monica E. Lindgren, MA, Psychology, The Ohio State University, Columbus, OH

279) Abstract 1776

INCREASED COLONIC RESPONSE TO CRH RELATES TO INSULAR ACTIVITY IN IBS SUBJECTS

Michiko Kano, MD,PhD, Tomohiko Muratsubaki, MSC, Mao Yagihashi, MSC, Joe Morishita, MD,PhD, Yukari Tnaka, MD,PhD, Motoyori Kanazawa, MD,PhD, Shin Fukudo, MD,PhD, Behavioral Medicine, Tohoku University Graduate School of Medicine, Sendai, Miyagi, Japan

280) Abstract 1596

APPROACH AND AVOIDANCE COPING AND DIURNAL CORTISOL RHYTHM IN PROSTATE CANCER SURVIVORS

Michael A. Hoyt, PhD, Psychology, Hunter College of the City University of New York, New York, NY, Amanda M. Marin-Cholom, MA, Psychology, Graduate Center, City University of New York, New York, NY, Julienne E. Bower, PhD, Psychology, Michael R. Irwin, MD, Cousins Center for Psychoneuroimmunology, Semel Institute for Neuroscience, UCLA, Los Angeles, CA, KaMala S. Thomas, PhD, MPH, Clinical Psychology, Pitzer College, Claremont University Consortium, Claremont, CA, Annette L. Stanton, PhD, Psychology, UCLA, Los Angeles, CA

281) Abstract 1499

EFFECTS OF AN EXPRESSIVE WRITING INTERVENTION (EWI) WITH WOMEN TREATED FOR BREAST CANCER EXPLORED WITH RECURRENCE QUANTIFICATION ANALYSIS (RQA) OF CHANGES IN TEXT STRUCTURE - A PROOF-OF-CONCEPT STUDY

Marlene S. Lyby, BA, Oncology and Psychology, Aarhus University and Aarhus University Hospital, Aarhus, Jutland, Denmark, Sebastian Wallot, PhD, Culture and Society, Aarhus University,
282) Abstract 1490
STRESS APPRAISAL AHEALTH PROMOTER? EVIDENCE FOR DESSENSIZATION OF HEART RATE VARIABILITY NEURAL CONTROL: THE SYMPATHETIC ACTIVITY AND AMBULATORY BLOOD PRESSURE IN AFRICANS (SAHPA) STUDY.
Leone Malan, RN, PhD, HYPERTENSION IN AFRICA RESEARCH TEAM (HART), NORTH-WEST UNIVERSITY, POTCHEFSTROOM, NORTH-WEST, SOUTH AFRICA, MARK HAMER, PhD, EPIDEMIOLOGY AND PUBLIC HEALTH, UNIVERSITY COLLEGE LONDON AND NORTH-WEST UNIVERSITY, LONDON, WC1E, UK, MARKUS P. SCHLAICH, MD, PhD, HYPERTENSION AND KIDNEY DISEASE, GAVIN W. LAMBERT, PHD, BIOLOGICAL PSYCHOLOGY: NEUROVASCULAR HYPERTENSION & KIDNEY DISEASE AND HUMAN NEUROTRANSMITTERS LABORATORIES, BAKER IDI HEART AND DIABETES INSTITUTE, MELBOURNE, VIC, AUSTRALIA, MANJA REIMANN, PhD, TJALF ZIEMSSEN, MD, PhD, NEUROLOGY, MEDICAL FACULTY CARL GUSTAV CARUS, DRESDEN UNIVERSITY OF TECHNOLOGY, DRESDEN, SAXONY LAND, GERMANY, ALETTA S. UYS, PhD, Nicolaas T. Malan, DSC, HYPERTENSION IN AFRICA RESEARCH TEAM (HART), NORTH-WEST UNIVERSITY, POTCHEFSTROOM, NORTH-WEST, SOUTH AFRICA

283) Abstract 1601
SYNDROMAL DEPRESSION, INTRUSIVE THOUGHTS, AND HEART RATE VARIABILITY AMONG CANCER SURVIVORS
Mariam A. Hussain, BS, Psychology, Lisa M. Jaremka, PhD, Institute for Behavioral Medicine Research, The Ohio State University, Columbus, OH, Jeanette M. Bennett, PhD, Psychology, University of North Carolina at Charlotte, Charlotte, North Carolina, Christopher P. Fagundes, PhD, Health Disparities Research, University of Texas, MD Anderson Cancer Center, Houston, Texas, William B. Malarkey, MD, Institute for Behavioral Medicine Research, Charles F. Emery, PhD, Psychology, Janice K. Kiecolt-Glaser, PhD, Institute for Behavioral Medicine Research, The Ohio State University, Columbus, OH

284) Abstract 1692
IS EMOTIONAL IMPACT OF IMPLANTABLE CARDIODEFIBRILLATOR DEBRIFFILLATING DEPENDING ON ITS PREVENTIVE OR CURATIVE INDICATION?
Khadjia Lahlou-LaForet, MD, Olivier BAYLE, MD, C-L Psychiatry, Akil OTMANI, MD, Dpt of Cardiology, European Georges-Pompidou Hospital, PARIS, c/a, FRANCE, Thomas LAVERGNE, Phd, MD, Department of Cardiology, European Georges-Pompidou Hospital, PARIS, c/a, FRANCE, Silla M. CONSOLI, PhD, MD, C-L Psychiatry, European Georges-Pompidou Hospital, PARIS, c/a, FRANCE

285) Abstract 1403
EXAMINATION OF PSYCHOMETRIC PROPERTIES OF MAIZN COPING INVENTORY
Kenta Matsumura, PhD, Science and Engineering, Kanazawa University, Kanazawa, Ishikawa, Japan, Motohiro Nakajima, PhD, Biobehavioral Health and Population Sciences, University of Minnesota Medical School, Duluth, Minnesota, USA, Masato Usuki, MD, PhD, Psychiatry, National Disaster Medical Center, Tachikawa, Tokyo, Japan, Heinz W. Krohne, Dr, Psychologisches Institut, Johannes Gutenberg-Universitdt Mainz, Mainz, Land Rheinhland-Pfalz, Germany, Yutaka Matsuoka, MD, PhD, Clinical Epidemiology, National Center of Neurology and Psychiatry, Kodaira, Tokyo, Japan, Mustafa a’Absi, PhD, Department of Biobehavioral Health and Population Sciences, University of Minnesota Medical School, Duluth, Minnesota, USA

286) Abstract 1550
CHILDHOOD EXPOSURE TO VIOLENCE AND THE SALIVARY ALPHA AMYLASE RESPONSE TO THE SOCIAL COMPETENCE INTERVIEW
June A. He, BA, Clinical Psychology, Syracuse University, SYRACUSE, NY, Minakshi Raj, BS, Public Health, University of Michigan School of Public Health, Ann Arbor, MI, Jorge U. Talamantes, BS candidate, Kyung Y. Koo, BS, Amanda R. Canavatchel, BS candidate, Daniel J. Franco, BS candidate, Psychology, Craig K. Ewart, PhD, Clinical Psychology, Syracuse University, SYRACUSE, NY

287) Abstract 1307
ANAGELSEIC SELF-MEDICATION AND HEART RATE VARIABILITY: A PRELIMINARY INVESTIGATION
Julian Koenig, Master of Arts, Department of Psychology, The Ohio State University, Columbus, OH, Marc N. Jarzok, MSSc, Mannheim Institute of Public Health, Social and Preventive Medicine, Mannheim Medical Faculty, Heidelberg University, Mannheim, Baden-Württemberg, GERMANY, Thomas K. Hillecke, Dr, sc. hum, School of Therapeutic Sciences, SRH University Heidelberg, Heidelberg, Baden-Württemberg, GERMANY, Julian F. Thayer, PhD, Department of Biobehavioral Health and Population Sciences, University of Minnesota Medical School, Duluth, Minnesota, USA

288) Abstract 1862
ASSOCIATION OF VERY LOW FREQUENCY HEART RATE VARIABILITY WITH TREATMENT RESPONSE IN MAJOR DEPRESSIVE DISORDER
Felipe A. Jain, MD, Ian Cook, MD, David Shapiro, PhD, Andrew F. Leuchter, MD, Psychiatry, University of California, Los Angeles, Los Angeles, CA

Saturday, March 15, 4:30 – 6:00 pm
Poster Session 3
Grand Ballroom B/C and foyers
Posters #289 through #403

289) Abstract 1779
NON-HABITUATION OF GLUCOCORTICOID SENSITIVITY OF INFLAMMATORY CYTOKINE PRODUCTION TO REPEATED ACUTE STRESS
Danielle Gianferante, MA, Myriam V. Thoma, Ph.D, Brya Gross, BA in progress, Ian Graf, BA in progress, Nicolas Rohleder, PhD, Psychology, Brandeis University, Waltham, MA

290) Abstract 1751
HIGHANXIETY SENSITIVITY IS ASSOCIATED WITH POOR ADHERENCE TO BLOOD PRESSURE MEDICATIONS IN PATIENTS WITH UNCONTROLLED HYPERTENSION
Carmela Alcantara, PhD, Donald E. Edmondson, PhD, Nathalie Moise, MD, Ian M. Kronish, MD, Medicine, Columbia University Medical Center, New York, NY

291) Abstract 1851
WEIGHT LOSS INTENTION AND BODY COMPOSITION IN HISPANIC ADOLESCENTS: ASSOCIATIONS WITH SELF-RATED HEALTH
Marissa D. Alert, AB, Erin N. Etzel, MS, Patricia G. Saab, PhD, Health Disparities Research, University of Texas, MD Anderson Cancer Center, Houston, Texas, William B. Malarkey, MD, Institute for Behavioral Medicine Research, Charles F. Emery, PhD, Psychology, Janice K. Kiecolt-Glaser, PhD, Institute for Behavioral Medicine Research, The Ohio State University, Columbus, OH

292) Abstract 1828
SHYNESS IS RELATED TO LOWER LIFE SATISFACTION, DEPRESSED MOOD, SOCIAL ANXIETY, AND REPORTED ASTHMA AND PANIC ATTACKS
Elizabeth A. Bachen, PhD, Erin O. Connolly, BA, Kiya D. Komaiko, BA, Laura A. Combs, BA, Psychology, Teresa M. Izag, BA, Lila D. Wright, BA, Department of Psychology, Mills College, Oakland, CA
293) Abstract 1695
FREQUENT SOCIAL INTERACTIONS IN DAILY LIFE ARE ASSOCIATED WITH REDUCED SYSTEMIC INFLAMMATION IN HEALTHY ADULTS
Amooha W. Bajaj, BA, Thomas W. Kamarck, PhD, Anna W. Marsland, PhD, Barbara M. Anderson, PhD, Matthew Muldoon, MD, Saul Shiffman, PhD, Stephen Manuck, PhD, Psychology, University of Pittsburgh, Pittsburgh, PA

294) Abstract 1210
RECENT TRAUMATIC EVENTS MAY COMPLICATE ADJUSTMENT TO GYNECOLOGIC CANCER
Rané C. Bayley, BA, Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY, Inka Weissbecker, PhD, International Medical Corps, Washington, DC, Whitney Rebolholz, BA, Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY, Elizabeth Cash, PhD, Department of Psychological and Brain Sciences, University of Louisville School of Medicine, Louisville, KY, Lauren A. Zimmaro, BA, Paul Salmon, PhD, Sandra E. Septon, PhD, Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY

295) Abstract 1812
INDIVIDUAL DIFFERENCES IN EMOTIONAL AND PHYSIOLOGICAL RESPONSES TO AESTHETIC STIMULI: PERSONALITY, SLEEP QUALITY, AND RESTING RESPIRATORY SINUS ARRHYTHMIA
Daniel Bride, BS, Paula Williams, PhD, Brian Baucom, PhD, Caitlin O’Connor, BS, Sheila Crowell, PhD, Psychology, University of Utah, Salt Lake City, UT

296) Abstract 1388
NON-COMPACTION CARDIOMYOPATHY AS RELATED TO ANXIETY AND DEPRESSION: THE ROLE OF SYMPTOM BURDEN AND GENETIC VULNERABILITY
Corline Brouwers, M.Sc., Medical and Clinical Psychology, Tilburg University, Tilburg, NB, Netherlands, Kadir Caliskan, MD, PhD, Cardiology, Sven Bos, MD, Jeanine R. Van Lennep, MD, Eric Sjibrans, MD, PhD, Internal Medicine, Erasmus Medical Center, Rotterdam, ZH, Netherlands, Susanne S. Pedersen, PhD, Willem J. Kop, PhD, Medical and Clinical Psychology, Tilburg University, Tilburg, NB, Netherlands

297) Abstract 1657
SOCIAL CONSTRAINTS AND EMOTIONAL PROCESSING AS UNIQUE CORRELATES OF HEALTH STATUS IN WOMEN WITH CHRONIC PELVIC PAIN
Jennifer N. Cartty, MA, Psychology, Wayne State University, Detroit, MI, Janice Tomakowsky, PhD, Women’s Urology Center, Beaumont Hospital, Royal Oak, Michigan, Mark A. Lumley, PhD, Psychology, Wayne State University, Detroit, MI, Donna J. Carrico, WHNP, MS, Women’s Urology Center, Beaumont Hospital, Royal Oak, Michigan, Kenneth Peters, MD, Urology, Beaumont Hospital, Oakland University William Beaumont School of Medicine, Royal Oak, MI

298) Abstract 1622
CONCUSSION-EVOKED PTSD SYMPTOMS IN A 17-YEAR-OLD BOY
Joseph Chien, DO, Psychiatry, Oregon Health and Sciences University, Lake Oswego, OR, Aaron Hanson, DO, Family Medicine, Kaiser Permanente Northwest, Wilsonville, OR

299) Abstract 1139
INTERLEUKIN-6 IS LOWERED IN INDIVIDUALS WITH DEPRESSIVE PERSONALITY DISORDER FROM A POPULATION-BASED SAMPLE
En-Young N. Cho, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Bern University Hospital, Inselspital, Bern, Bern, Switzerland, Jan T. Wagner, MD, MPH, Division Clinical Review, Swissmedic, Bern, Bern, Switzerland, Jennifer Glaus, PhD, Enrique Castelao, MSc, Caroline Vandeule, PhD, Department of Psychiatry, Center for Research in Psychiatric Epidemiology and Psychopathology (CEPP), Lausanne University Hospital, Prilly-Lausanne, Vaud, Switzerland, Peter Vollenweider, MD, Department of Medicine, Internal Medicine, Faculty of Biology and Medicine and Lausanne University Hospital, Lausanne, Vaud, Switzerland, Martin Preissig, MD, MPH, Department of Psychiatry, Center for Research in Psychiatric Epidemiology and Psychopathology (CEPP), Lausanne University Hospital, Prilly-Lausanne, Vaud, Switzerland, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Bern University Hospital, Inselspital, Bern, Bern, Switzerland

300) Abstract 1667
REDUCED NEUROPSYCHOLOGICAL PERFORMANCE ASSOCIATED WITH SLEEP DISTURBANCES IN BREAST CANCER SURVIVORS
Zinat Taiwo, B.S, Kathrin Milbury, PhD, Alejandro Chaoul, PhD, Amy Spelman, PhD, Tenzin Wangyal, Rinpoche, Arun Banu, M.D, Lorenzo Cohen, PhD, General Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX

301) Abstract 1839
PREDICTORS OF BLOOD PRESSURE REDUCTION WITH DEVICE-GUIDED BREATHING INTERVENTION
Lynn P. Clemow, PhD, Toya Simmons, MPH, Beatriz Roemheld-Hamm, MD, PhD, Family Medicine & Community Health, Rutgers - Robert Wood Johnson Medical School, New Brunswick, NJ

302) Abstract 1803
DIFFERENT DIMENSIONS OF PERFECTIONISM AND STRESS REACTIVITY TO A PSYCHOSOCIAL STRESSOR
Sheila M. Collins, MA, Kimberly Dienes, PhD, Pamela Handelsman, BA, Psychology, Roosevelt University, Chicago, IL

303) Abstract 1624
ANTIDEPRESSANT ADHERENCE AND RISK OF CORONARY ARTERY DISEASE HOSPITALIZATIONS AMONG OLDER AND YOUNGER VETERANS WITH DEPRESSION

304) Abstract 1761
IMPACT OF MINDFULNESS MEDITATION ON ACUTE STRESS RESPONSE IN BREAST CANCER SURVIVORS
Alexandra D. Crosswell, MA, Chloe C. Boyle, MS, Patricia I. Moreno, MA, Psychology, Patricia A. Ganz, MD, Medicine and Public Health, Annette L. Stanton, PhD, Psychology & Psychiatry/ Biobehavioral Sciences, Sarosh J. Motivala, PhD, Psychiatry and Biobehavioral Sciences, UCLA, Los Angeles, California, Catherine M. Crespi, PhD, Biostatistics, UCLA, Los Angeles, CA, Julienne E. Bower, PhD, Psychology and Psychiatry/Biobehavioral Sciences, UCLA, Los Angeles, CA

305) Abstract 1639
THE PREDICTIVE VALUE OF SOMATIC AND COGNITIVE DEPRESSIVE SYMPTOMS FOR CYTOKINE CHANGES IN PATIENTS WITH MAJOR DEPRESSION
Katharina Dannehl, Dipl.Psych., Winfried Rief, PhD, Division of Clinical Psychology and Psychotherapy, Philipps University of Marburg, Germany, Marburg, Hesse, Germany, Markus J. Schwarz, MD, Institute for Laboratory Medicine, Ludwig-Maximilian-Universität, Munich, Germany, Munich, Bavaria, Germany, Anika Hennings, PhD, Sabine Riemer, Dipl.Psych., Division of Clinical Psychology and Psychotherapy, Philipps University of Marburg, Germany, Marburg, Hesse, Germany, Theresa M. Stapf, MD, Department of Psychiatry, Ludwig-Maximilian-Universität, Munich, Germany, Munich, Bavaria, Germany, Verena B. Selberdinger, MD, Department of Psychiatry, Ludwig-Maximilian-Universität, Munich, Germany, Munich, Bavaria, ger, Frank Eufeneuer, PhD, Division of Clinical Psychology and Psychotherapy, Philipps University of Marburg, Germany, Marburg, Hesse, Germany
306) Abstract 1765
EfFeCts of regular exercise vs sedentary after school program on mood and quality of life of overweight children
Catherine L. Davis, PhD, Celestine Williams, MS, Eduardo E. Bustamante, PhD, Psychology, Jennifer L. Waller, PhD, Biostatistics & Epidemiology, Medical College of Georgia, Georgia Regents University, Augusta, GA

307) Abstract 1717
The pain of being misunderstood: the impact of invalidation on pain sensation in chronic back pain patients.
Jessica C. de Witt Huberts, PhD, Sarah Wernicke, MSc, Pia-Maria Wippert, PhD, Department of Sport and Health Sciences, University of Potsdam, Potsdam, Brandenburg, Germany

308) Abstract 1618
Sympathetic nervous system reactivity to anticipation of social evaluation differentially relates to subjective and neural response to social evaluation in previously depressed compared to healthy young women.
Katarina Dedovic, PhD, Psychology, University of California, Los Angeles, Los Angeles, California, George M. Slavich, PhD, Psychiatry, UCLA, Los Angeles, California, Keely A. Muscatell, PhD, UCSF Center for Health & Community, UCSF, San Francisco, California, Michael R. Irwin, PhD, Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine, UCLA, Los Angeles, California, Naomi I. Eisenberg, PhD, Social Psychology, UCLA, Los Angeles, CA

309) Abstract 1860
Walk it off!: physically active or passive coping style and perseverative cognition
Michelle R. Di Paolo, MA, Psychology, University of Wisconsin - Milwaukee, Milwaukee, WI

310) Abstract 1706
Tai Chi chih and augmentation of eeg spectral analytic alpha and theta power: a randomized controlled trial in older adults
Nicholas K. Dietz, BS, Richard E. Olmstead, PhD, Michael R. Irwin, MD, Psychoneuroimmunology, University of California, Los Angeles, Los Angeles, California

311) Abstract 1758
Self-compassion is associated with emotional stress and perceived health-related functioning in veterans
Julie Dinh, BA, Mental Health, San Francisco VA Medical Center, San Francisco, CA, Robyn Walser, PhD, National Center for PTSD, Department of Veterans Affairs, Menlo Park, CA, Suzanne Best, PhD, N/A, N/A, Portland, OR, Marylene Ciolli-Che, PhD, Shannon McCallin-Rodrigo, PhD, National Center for PTSD, Department of Veterans Affairs, Menlo Park, CA

312) Abstract 1736
Social support as an encouragement: turning a threat appraisal to a challenge physiological response pattern
Ai Ni Teoh, M Soc Sci, Clayton J. Hilmert, PhD, Psychology, North Dakota State University, Fargo, ND

313) Abstract 1766
Subliminally priming healthy eating: a preliminary investigation
Alina M. Valdez, BA, Psychology, California State University, Northridge, Glendale, CA, C. Benjamin Flynn, MA, b.fly software, Seattle, Washington, Abraham M. Rutitch, PhD, Psychology, California State University, Northridge, Northridge, CA

314) Abstract 1458
Neural bases of central modulation of pain by interpersonal context: an FMRI study
Alia Landa, PhD, Brian A. Fallon, MD, Zhishun Wang, PhD, Psychiatry, Columbia University College of Physicians and Surgeons, New York, NY, Yunsuo Duan, PhD, Psychiatry, New York State Psychiatric Institute, New York, NY, Feng Liu, PhD, Psychiatry, Columbia University College of Physicians and Surgeons, New York, NY, Tor Wager, PhD, Psychology and Neuroscience, University of Colorado, Boulder, CO, Bradley S. Peterson, MD, Psychiatry, Columbia University College of Physicians & Surgeons, New York, NY

315) Abstract 1723
Early childhood socioeconomic status moderates magnitude of inflammatory response to acute psychological stress in healthy adult women
Alvin Lim, BS, Psychology, Frank J. Jenkins, PhD, Pathology, Jessica M. Mancilich, BS, University of Pittsburgh Cancer Institute, Anna L. Marsland, PhD, Psychology, Dana H. Bovbjerg, PhD, Psychiatry, University of Pittsburgh, Pittsburgh, PA

316) Abstract 1702
Associations of couples relationship satisfaction and attachment to physiological reactivity during an interpersonal stressor
Amyna F. Linn, B.A in psychology, Mona El-Hout, MS, Michelle Leonard, PhD, David Chatkoff, PhD, Psychology, University of Michigan - Dearborn, Dearborn, MI

317) Abstract 1358
Differential HIV suppression and CD4 cell count based on country of origin
Andrew J. Wawrzyniak, PhD, Allan E. Rodriguez, MD, Division of Infectious Diseases, University of Miami Miller School of Medicine, Miami, Florida

318) Abstract 1202
Clues to maintaining calorie restriction? psychosocial profiles of successful long-term restrictors
Angela C. Incollingo Belsky, BA, Psychology, University of California, Los Angeles, Los Angeles, California, Eliisa S. Epel, PhD, Psychiatry, University of California, San Francisco, San Francisco, California, A. Janet Tomiyama, PhD, Psychology, University of California, Los Angeles, Los Angeles, California

319) Abstract 1054
New onset depression following hip fracture is associated with increased length of stay in hospital and rehabilitation centres.
Anna Phillips, PhD, Sport, Exercise & Rehabilitation Sciences, University of Birmingham, Birmingham, West Midlands, UK, Jane Upton, PhD, n/a, Shiatsu Central, Birmingham, West Midlands, UK, Douglas Carroll, PhD, Sport, Exercise & Rehabilitation Sciences, Nihanka Arora Duggal, MSc, Janet M. Lord, PhD, Immunity and Infection, University of Birmingham, Birmingham, West Midlands, UK

320) Abstract 1294
Enhancing self-support as a promising treatment target of major depressive disorder
Anne Etzel Mueller, Diplom-Psychologin, Matthias Berking, Professor, Anna Radkovsky, Diplom-Psychologin, Psychology, University of Marburg, Marburg, Hessen, Germany
SKIN TONE, BODY MASS INDEX, AND BLOOD PRESSURE DIPPING AMONG LATINO ADULTS
Antione D. Taylor, BA, Danielle L. Beatty Moody, PhD, Zainab Naqvi, BS, Comfort Oke, BA, Psychology, University of Maryland Baltimore County, Baltimore, Maryland, Elizabeth Brondolo, PhD, Psychology, St. John’s University, Queens, New York

ANGER AND INCREASED QUALITY OF LIFE AMONG HISPANIC MEN AND WOMEN: RESULTS FROM THE HISPANIC COMMUNITY HEALTH STUDY/STUDY OF LATINOS (HCHS/SOL) SOCIOCULTURAL ANCILLARY STUDY
Ashley E. Monorch, PhD, Psychology, University of Miami, Miami, FL, Maria M. Llubre, PhD, Psychology, University of Miami, Coral Gables, FL, Linda C. Gallo, PhD, Psychology, San Diego State University, San Diego, CA, Franklin Gonzalez, MS, Biostatistics, University of North Carolina, Chapel Hill, NC, Patricia Gonzalez, PhD, Public Health, San Diego State University, San Diego, CA, Jianwen Cai, PhD, Biostatistics, University of North Carolina at Chapel Hill, Chapel Hill, NC, Natania W. Ostrosky, PhD, Epidemiology and Public Health, Albert Einstein College of Medicine, Bronx, NY, Neil Schneiderman, PhD, Psychology, University of Miami, Coral Gables, FL, Frank J. Penedo, PhD, Psychiatry and Behavioral Sciences, Northwestern University, Chicago, IL

DIFFERENTIAL RELATIONSHIP BETWEEN SOCIOECONOMIC STATUS AND HPA AXIS STRESS RESPONSES IN COLLEGE STUDENTS AND MIDDLE-AGED ADULTS
Aysha N. Malik, BS, BA in progress, Biology and Economics, Myriam V. Thoma, PhD, Danielle Gianferante, MA, Luke Hanlin, MA, Xuejie Chen, M. Sc, Psychology, Nicolas Rohleder, PhD, Psychology, Health: Science, Society, and Policy, Brandeis University, Waltham, MA

QUALITATIVE AND QUANTITATIVE ANALYSES OF THE EFFECTS OF TIBETAN YOGA (TY) ON PATIENTS QUALITY OF LIFE AND EXPERIENCE OF LYMPHOMA
Belita Leal, PhD, Joan Engenbretson, DrPH, Lorenzo Cohen, PhD, M. Alejandro Chau, PhD, General Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX

EXAMINATION OF INSTABILITY IN PERCEIVED STRESS OVER TIME AS PREDICTIVE OF PHYSICAL WELL-BEING IN WOMEN WITH BREAST CANCER
Rebecca G. Reed, MS, Emily A. Butler, PhD, Family Studies and Human Development, Karen L. Weih, MD, Psychiatry, University of Arizona, Tucson, AZ

PARTNER NEGATIVITY WHEN TALKING ABOUT HEALTH HABITS: GENDER DIFFERENCES AND ASSOCIATIONS WITH BODY MASS
Jane A. Skoyen, MA, Psychiatry, University of California, San Diego, San Diego, CA, Ashley K. Randall, PhD, Counseling & Counselor Psychology, Arizona State University, Tempe, AZ, Matthias R. Mehl, PhD, Department of Psychology, Emily A. Butler, PhD, Family Studies & Human Development, University of Arizona, Tucson, AZ

ASSOCIATION BETWEEN COGNITIVE DEPRESSIVE SYMPTOMS AND BLOOD COAGULATION ACTIVATION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION
Rebecca Meister, MSc, Mary Principe, MSc, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, Bern University Hospital, and University of Bern, Bern, Switzerland, Jürgen Barth, PhD, Institute of Social and Preventive Medicine, University of Bern, Bern, Bern, Switzerland, Ulrich Schnyder, MD, Department of Psychiatry and Psychotherapy, University Hospital Zurich, Zurich, Switzerland, Hansjürg Zoj, PhD, Institute of Psychology, Division of Clinical Psychology and Psychotherapy, University of Bern, Bern, Switzerland, Jean-Paul Schmid, MD, Cardiovascular Prevention, Rehabilitation & Sports Medicine, Department of Cardiology, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, Bern University Hospital, and University of Bern, Bern, Switzerland

ASSOCIATION BETWEEN SOCIAL SUPPORT AND POSTTRAUMATIC STRESS LEVELS THREE MONTHS AFTER ACUTE MYOCARDIAL INFARCTION
Mary Principe, M. Sc., Rebecca Meister, M. Sc., Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, Bern University Hospital, and University of Bern, Bern, Switzerland, Ulrich Schnyder, MD, Department of Psychiatry and Psychotherapy, University Hospital Zurich, Zurich, Switzerland, Jürgen Barth, PhD, Institute of Social and Preventive Medicine, Hansjürg Zoj, PhD, Institute of Psychology, Division of Clinical Psychology and Psychotherapy, University of Bern, Bern, Switzerland, Jean-Paul Schmid, MD, Cardiovascular Prevention, Rehabilitation & Sports Medicine, Department of Cardiology, Inselspital, Bern University Hospital, and University of Bern, Bern, Switzerland, Roland von Känel, MD, Department of General Internal Medicine, Division of Psychosomatic Medicine, Inselspital, University of Bern, Bern, Switzerland

INFLAMMATORY GENE EXPRESSION FOLLOWING A BEHAVIORAL STRESS MANAGEMENT INTERVENTION FOR CAREGIVERS OF STEM CELL TRANSPLANT PATIENTS
Mark L. Laudenbengstler, PhD, Psychiatry, University of Colorado Denver Anschutz Medical Campus, Aurora, CO, Teresa L. Simonneau, PhD, Psychosocial Oncology, Presbyterian St. Luke’s Medical Center, Denver, CO, Sam Phillips, BA, Psychiatry, University of Colorado Denver Anschutz Medical Campus, Aurora, CO, Patrick Benitez, BS, Psychiatry, University of Colorado Denver Anschutz Medical Center, Aurora, CO, Steve Cole, PhD, Medicine, UCLA, Los Angeles, CA

TWO-YEAR STABILITY OF HEART RATE VARIABILITY MEASURES IN CHILDREN AND ADOLESCENTS
Oren M. Weiner, honBA, Jennifer J. McGrath, PhD, MPH, Pediatric Public Health Psychology Lab, Concordia University, Montreal, Quebec, Canada

DEPRESSED MOOD MEDIATES THE RELATIONSHIP BETWEEN RUMINATION AND SLEEP QUALITY
Danica C. Slavish, BA, Jennifer E. Graham-Engeland, PhD, Biobehavioral Health, The Pennsylvania State University, University Park, PA, Sunmi Song, PhD, Social and Behavioral Research Branch, National Human Genome Research Institute, The National Institutes of Health, Bethesda, MD

ATTACHMENT ANXIETY IS RELATED TO EPSTEIN-BARR VIRUS LATENCY WHILE UNDERGOING TESTING FOR BREAST OR COLON CANCER, AS WELL AS ONE YEAR LATER
Christopher P. Fagundes, PhD, Disparities Research, The University of Texas MD Anderson Cancer Center, Houston, Texas, Lisa M. Jaremka, PhD, Ronald Glaser, PhD, Institute for Behavioral Medicine Research, The Ohio State University College of Medicine, Columbus, Ohio, Stephen P. Povoski, MD, Surgery, Ohio State University Wexner Medical Center, Columbus, Ohio, Adelle M. Lipart, DO, Radiology, The Ohio State University, Columbus, Ohio, Doreen M. Agnes, MD, Lisa D. Yee, MD, William E. Carson III, MD, William B. Farrar, MD, Surgery, Ohio State University Wexner Medical Center, Columbus, Ohio, William B. Malarkey, MD, Internal Medicine, The Ohio State University College of Medicine, Columbus, Ohio, Min Chen, Masters, Institute for Behavioral Medicine Research, Ohio State University Wexner Medical Center, Columbus, Ohio, Janice K. Kiecolt-Glaser, PhD, Institute for Behavioral Medicine Research, The Ohio State University College of Medicine, Columbus, Ohio

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333) Abstract 1235
ALTERATION OF AUTONOMIC NERVOUS SYSTEM FUNCTION DUE TO THE PRESENCE OF PAIN - IS IT SYMPTOM FREQUENCY OR INTENSITY?
Julian Koenig, Master of Arts, Department of Psychology, The Ohio State University, Columbus, OH, Marc N. Jarzok, MSSc, Mannheim Institute of Public Health, Social and Preventive Medicine, Mannheim Medical Faculty, Heidelberg University, Mannheim, Baden-Württemberg, Germany, Marco Warth, Master of Arts, Thomas K. Hillecke, Dr. sc. hum, School of Therapeutic Sciences, SRH University Heidelberg, Heidelberg, Baden-Württemberg, Germany, Julian F. Thayer, PhD, Department of Psychology, The Ohio State University, Columbus, OH

334) Abstract 1352
COGNITIVE/AVOIDANT AND VIGILANT COPING STYLES ARE ASSOCIATED WITH MOTIVES FOR SMOKING, CRAVING, AND TRAIT NEGATIVE AFFECT IN HABITUAL SMOKERS
Motoko Nakajima, PhD, Biobehavioral Health and Population Sciences, University of Minnesota Medical School, Duluth, Minnesota, Kenta Matsumura, PhD, School of Mechanical Engineering, Kanazawa University, Kanazawa, Ishikawa, Japan, Masato Usuki, MD, PhD, Psychiatry, National Disaster Medical Center, Tachikawa, Tokyo, Japan, Yutaka Matsuoka, MD, PhD, Clinical Epidemiology, National Center of Neurology and Psychiatry, Ogawahigashi-cho, Kodaira, Japan, Mustafa al’Absi, PhD, Biobehavioral Health and Population Sciences, University of Minnesota Medical School, Duluth, MN

335) Abstract 1366
CANCER RECURRENCE AND THE BIG FOUR: NEUROTICISM AT INITIAL DIAGNOSIS PREDICTS LATER DEPRESSION
Travis D. Westbrook, BA, Claire C. Conley, BA, Barbara L. Andersen, PhD, Psychology, The Ohio State University, Columbus, OH

336) Abstract 1527
RELATIONSHIPS BETWEEN MOMENTARY STRESS, NEUROENDOCRINE STRESS MARKERS, AND SYMPTOMS IN PATIENTS WITH FIBROMYALGIA
Jana Strahler, PhD, Susanne Fischer, MSc, Johanna M. Doerr, MSc, Urs M. Nater, PhD, Psychology, University of Marburg, Marburg, Hesse, Germany

337) Abstract 1528
STATE-TRAIT ANGER IS SIGNIFICANTLY ASSOCIATED WITH MENTAL STRESS INDUCED MYOCARDIAL ISCHEMIA
Pratik M. Pimple, MBBS, MPH, Amit J. Shah, MD, MSCR, Cherie Rooks, PhD, Department of Epidemiology, Emory University, Atlanta, Georgia, J. Douglas Bremner, MD, Department of Psychiatry and Radiology, Jonathon Nye, PhD, Department of Radiology, School of Medicine, Emory University, Atlanta, Georgia, Jieoma Ibeau, MPH, Nancy Murrah, RN, Lucy Shallenberger, MPH, Department of Epidemiology, Emory University, Atlanta, Georgia, Paolo Raggi, MD FACP, FACC, Department of Medicine, University of Alberta, Edmonton, Alberta, Canada, Viola Vaccarino, MD, PhD, Department of Epidemiology, Emory University, Atlanta, Georgia

338) Abstract 1555
PSYCHOSOCIAL PREDICTORS OF THE PLACEBO RESPONSE IN A RANDOMIZED CLINICAL TRIAL FOR MAJOR DEPRESSIVE DISORDER (MDD)
Margaret A. Tartter, MA, C. Phil, Clinical Psychology, Andrew F. Leuchter, MD, Psychiatry, University of California, Los Angeles, Los Angeles, California, Aimee F. Hunter, PhD, Ian A. Cook, MD, Psychiatry, University of California, Los Angeles, Los Angeles, CA

339) Abstract 1605
DO RECREATIONAL ACTIVITIES PROTECT UNEMPLOYED INDIVIDUALS FROM DEPRESSION?
William Goodman, BA, Ashley Geiger, MA, Juliet M. Wolf, PhD, Psychology, Brandeis University, Waltham, MA

340) Abstract 1608
PREDICTING MEDICAL TEST RESULTS AND INTRA-OPERATIVE FINDINGS IN CHRONIC PAIN PATIENTS USING THE ON-LINE PAIN VALIDITY TEST
Nelson Handler, MD, MS, Neurosurgery, Johns Hopkins University School of Medicine, Baltimore, MD

341) Abstract 1610
ASSESSING THE RELATIONSHIP BETWEEN BINGE-EATING BEHAVIOR AND AFFECTIVE MODULATION OF PAIN AND SPINAL NOCICEPTION
Shreela Palit, BS, Kara L. Kerr, BA, Ellen L. Terry, MA, Jennifer L. DeVentura, MA, Jamie L. Rhudy, PhD, Psychology, The University of Tulsa, Tulsa, OK

342) Abstract 1613
ENDORSEMENT OF AFRICAN AMERICAN CULTURAL IDEAS IS ASSOCIATED WITH LOWER INTERLEUKIN-6 AMONG AFRICAN AMERICANS
Cynthia S. Levine, PhD, Psychology, Northwestern University, Tiffany N. Brannon, PhD, Kellogg School of Business, Northwestern University, Evanston, IL, Hazel R. Markus, PhD, Psychology, Stanford University, Stanford, CA

343) Abstract 1875
PROCESSING OF EMOTIONAL INFORMATION IN THE CONTEXT OF PREMENSTRUAL SYNDROME
Maria Kleinstäuber, PhD, Clinical Psychology & Psychotherapy, Philipps University of Marburg, Marburg, Hessen, Germany, Lisa Eggert, Dipl.-Psych., Michael Witthöft, PhD, Wolfgang Hiller, PhD, Clinical Psychology & Psychotherapy, Johannes Gutenberg-University of Mainz, Mainz, Rheinland-Pfalz, Germany

344) Abstract 1852
THREAT APPRAISALS OF PANDEMIC INFLUENZA BUT NOT SEASONAL INFLUENZA EXPLAIN DAYTIME SOMNOLENCE DURING H1N1 2009
Karl J. Maier, PhD, Alyssa O’Brien, Student, Psychology, Salisbury University, Salisbury, MD

345) Abstract 1841
DISEASE SPECIFIC KNOWLEDGE, COGNITIVE ABILITY, CARDIAC DENIAL AND THE ASSOCIATION WITH QUALITY OF LIFE IN ADULTS WITH CONGENITAL HEART DISEASE: A PILOT STUDY
Kamila S. White, PhD, Margaret R. Durham, MA, Psychology, University of Missouri, St. Louis, MO, Mehwish Gaffar, MD, Medicine, Philip Ludbrook, MD, Medicine and Radiology, Ari Cedars, MD, Medicine, Washington University School of Medicine in St. Louis, St. Louis, MO

346) Abstract 1836
SOCIOCULTURAL FACTORS RELATED TO ELEVATED HEALTH RISK OF FAMILY CAREGIVERS OF PATIENTS WITH COLORECTAL CANCER
Youngmee Kim, PhD, Charles S. Carver, PhD, Kelly M. Shaffer, MS, Aurelie Lucette, MS, Psychology, University of Miami, CORAL GABLES, FL
348) Abstract 1834
DISSIPATED STRIVING PREDICTS INCREASED HYPERTENSION RISK IN PERSONS WITH SYMPTOMS OF DEPRESSION
Sarah R. LaFont, BA, Gavin J. Elder, MS, Mariam Parekh, MS, Jessica H. Schoolman, MS, June Allison He, BA, Psychology, Syracuse University, Syracuse, NY, Sheila T. Fitzgerald, RN, PhD, Occupational and Environmental Health Nursing, Johns Hopkins University, Baltimore, MD, Craig K. Ewart, PhD, Psychology, Syracuse University, Syracuse, NY

349) Abstract 1832
A DYNAMICAL SYSTEMS EXAMINATION OF AUTONOMIC NERVOUS SYSTEM ACTIVATION IN THE PRE-SLEEP PERIOD
Paula G. Williams, PhD, Jonathan Butner, PhD, Holly K. Rau, MS, Daniel L. Bride, BS, Psychology, University of Utah, Salt Lake City, UT, Matthew Cribbet, PhD, Western Psychiatric Institute, University of Pittsburgh, Pittsburgh, PA, Michelle Silver, BS, Psychology, University of Utah, Salt Lake City, UT, Stephanie Wilson, MS, Human Development and Family Studies, Penn State University, University Park, PA, Brian Baucum, PhD, Psychology, University of Utah, Salt Lake City, UT

350) Abstract 1829
PSYCHOLOGICAL INTERVENTIONS AND IMMUNITY: A META-ANALYSIS
Emily K. Lindsay, BA, J. David Cresswell, PhD, Psychology, Carnegie Mellon University, Pittsburgh, PA, Cecilia Westbrook, BS, School of Medicine and Public Health, University of Wisconsin-Madison, Madison, WI, Sheldon Cohen, PhD, Psychology, Carnegie Mellon University, Pittsburgh, PA, Gregory Miller, PhD, Psychology, Northwestern University, Evanston, IL

351) Abstract 1823
DIVERGENT ACUTE STRESS-INDUCED CHANGES IN PRO- AND ANTI-INFLAMMATORY GENE EXPRESSION AND PLASMA INFLAMMATORY MEDIATORS
Diana Wang, BS, Gerontology, University of Southern California, Los Angeles, CA, Myriam V. Thoma, PhD, Psychology, Anna Yatskar, Neuroscience, Luke Hanlin, Danielle Gianferante, Xue Jie Chen, Nicolas Rohleder, PhD, Psychology, Brandeis University, Waltham, MA

352) Abstract 1822
PANIC DISORDER AND HEALTH-RELATED QUALITY OF LIFE: THE PREDICTIVE ROLES OF ANXIETY SENSITIVITY AND TRAIT ANXIETY
Eun-Ho Kang, MD, Psychiatry, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea, Korea, Borah Kim, MD, Psychiatry, CHA Bundang Medical Center, Sungnam, Kyunggi, Korea, Hyo Jung Ko, MD, Psychiatry, Seoul Metropolitan Eunpyeong Hospital, Seoul, Seoul, Korea, Ah Young Choe, MD, Psychiatry, CHA Bundang Medical Center, Sungnam, Kyunggi, Korea, Jo-Eon Park, MD, Psychiatry, Keyo University, Ulsan, Kyunggi, Korea, Sang-Hyuk Lee, MD, PhD, Psychiatry, CHA University, Sungnam, Kyunggi, Korea

353) Abstract 1821
MALADAPTIVE ILLNESS BEHAVIOR: A PROPOSED CLASSIFICATION AND INTERVENTION SYSTEM
Xavier Jimenez, MD, Psychiatry, Cleveland Clinic, Cleveland, OH

354) Abstract 1810
MOOD AND SLEEP RECIPIROCALLY REINFORCE EACH OTHER OVER THE COURSE OF TREATMENT FOR MAJOR DEPRESSIVE DISORDER.
Wiebke Hannig, M.Sc., Anna Radkowski, M.Sc., Carolin Wirtz, M.Sc., David D. Ebert, PhD, Clinical Psychology and Psychotherapy, University of Marburg, Marburg, Hessen, Germany, Claudi Bockting, Prof., Behavioral and Social Science, University of Groningen, Groningen, Groningen, The Netherlands, Matthias Berking, Prof., Clinical Psychology and Psychotherapy, University of Marburg, Marburg, Hessen, Germany

355) Abstract 1807
WORK STRESS IS RELATED TO CIRCADIAN CORTISOL SECRETION AND MODERATED BY SOCIOECONOMIC STATUS: FINDINGS FROM THE MANNHEIM INDUSTRIAL COHORT STUDY (MICS)
Maren E. Thole, MD, MSc, Joachim E. Fischer, MD, MSc, Mannheim Institute of Public Health, Heidelberg University, Mannheim, Baden-Württemberg, Germany

356) Abstract 1799
A META-ANALYSIS OF SEX DIFFERENCES IN HEART RATE VARIABILITY
Dixie D. Hu, MA, Julian F. Thayer, PhD, Psychology, The Ohio State University, Columbus, OH

357) Abstract 1795
THE TRAJECTORY OF CPAP USE AND THE INFLUENCE OF DEPRESSION DURING THE FIRST 12 WEEKS OF TREATMENT
William Wohlgemuth, PhD, Pratap T etali, MD, Sleep Disorders Center, Miami VA Medical Center, Miami, FL, Douglas Wallace, MD, Neurology, University of Miami, Miami, FL

358) Abstract 1790
BODY MASS INDEX MODERATES THE RELATION OF DIARY NEGATIVE MOOD TO AMBULATORY BLOOD PRESSURE IN URBAN BLACK AND LATINO ADULTS
Noore-Sabah Khan, BA, Danielle L. Beatty Moody, PhD, Department of Psychology, University of Maryland, Baltimore County, Baltimore, Maryland, Elizabeth Brondolo, PhD, Department of Psychology, St. John’s University, Queens, NY

359) Abstract 1788
BASELINE DEPRESSIVE SYMPTOMS MODERATE THE EFFECTIVENESS OF EXPRESSIVE WRITING ON SUBJECTIVE AND BIOLOGICAL OUTCOME MEASURES FOR PATIENTS WITH RENAL CELL CARCINOMA
Kathrin Millbury, PhD, Amy Spelman, PhD, General Oncology, Louis Vence, PhD, Immunology, Laszlo Radvanyi, PhD, Melanoma Medical Oncology, Qi Wei, MA, Lorenzo Cohen, PhD, General Oncology, University of Texas M. D. Anderson Cancer Center, Houston, TX

360) Abstract 1784
LIFE STRESS AND MERCURY EXPOSURE INTERACT TO ALTER MATERNAL CORTISOL PRODUCTION DURING PREGNANCY
Hannah M. Schreier, PhD, Rosalind J. Wright, MD, MPH, Preventive Medicine, Icahn School of Medicine at Mount Sinai, New York, New York, Lourdes Schnaas, PhD, Division of Research on Public Health, National Institute of Perinatology, Mexico City, Mexico, Mexico, Mara Tellez-Rojo, PhD, Center for Evaluation Research and Surveys, National Institute of Public Health, Cuernavaca, Morelos, Mexico, Robert O. Wright, MD, MPH, Preventive Medicine, Icahn School of Medicine at Mount Sinai, New York, New York

361) Abstract 1780
DOES TRANSCENDENCE STRIVING BUFFER THE CARDIOVASCULAR STRESS OF SOCIAL INTERACTIONS IN PERSONS WITH HYPERTENSION?
Mariam Parekh, Masters of Science, Psychology, Syracuse University, Syracuse, New York, Gavin J. Elder, Masters in Science, Psychology, Syracuse University, Syracuse, New York, June A. He, Bachelors in Science, Psychology, Syracuse, New York, Jessica H. Schoolman, Masters in Science, Sarah LaFont, Bachelors in Science, Psychology, Syracuse University, Syracuse, New York, Sheila T. Fitzgerald, Ph.D, Psychology, Johns Hopkins University, Baltimore, MD, Craig K. Ewart, Ph.D, Psychology, Syracuse University, Syracuse, NY
362) Abstract 1777
ETHNICITY AND CANCER CAREGIVER STATUS AS PREDICTORS OF SLEEP DISTURBANCE: A PILOT STUDY
KaMala S. Thomas, PhD, MPH, Psychology, Pitzer College, Claremont University Consortium, Claremont, CA, Michael Irwin, MD, UCLA Cousins Center for PNI, Julienne Bower, PhD, Psychology, UCLA, Los Angeles, CA, Michael Hoyt, PhD, Psychology, CUNY-Hunter College, New York, NY, Annette Stanton, PhD, Psychology, UCLA, Los Angeles, CA

363) Abstract 1652
NEGATIVE SOCIAL INTERACTIONS AND HYPERTENSION RISK AMONG OLDER ADULTS
Rodlescia S. Sneed, MPH, MS, Sheldon S. Cohen, PhD, Psychology, Carnegie Mellon University, Pittsburgh, PA

364) Abstract 1767
MODERATORS AND MEDIATORS OF A RANDOMIZED, CONTROLLED TRIAL OF YOGA FOR WOMEN WITH BREAST CANCER UNDERGOING RADIOTHERAPY
Chelsea G. Ratcliff, MA, Psychology, University of Houston, Houston, Texas, Kathrin Milbury, PhD, Alejandro Chaoul, PhD, General Oncology, University of Texas MD Anderson Cancer Center, Houston, Texas, Kavita D. Chandwani, MD, MPH, DrPH, School of Public Health, University of Texas Health Science Center at Houston, Houston, Texas, George Perkins, MD, Department of Radiation Oncology, Robin Haddad, MPH, General Oncology, University of Texas MD Anderson Cancer Center, Houston, Texas, Hongasandra Ramaaro Nagendra, PhD, NV Raghrum, BE, S-VYASA, Swami Vivekananda Yoga Anusandhana Samsthana, Bangalore, KA, India, Amy Spelman, PhD, General Oncology, University of Texas MD Anderson Cancer Center, Houston, Texas, Raghrum R. Nagaratna, MD, Division of Yoga and Life Sciences, Swami Vivekananda Yoga Anusandhana Samsthana, Bangalore, KA, India, Banu Aruni, MD, Breast Medical Oncology and Clinical Cancer Prevention, Qi Wei, MS, Lorenzo Cohen, PhD, General Oncology, University of Texas MD Anderson Cancer Center, Houston, Texas

365) Abstract 1759
MEETING OTHER CHRONIC PAIN PATIENTS FOR THE FIRST TIME - DOES IT INCREASE THE BENEFITS OF A CHRONIC PAIN SELF-MANAGEMENT PROGRAM (CPSPM)?
Mimi Mehlsen, PhD, Psychology & Behavioral Sciences, Aarhus University, Aarhus, Denmark, Lea Hegaard, MSc, Danish Committee for Health Education, Copenhagen, Denmark, Lisbeth Frostholm, PhD, Research Clinic for Functional Disorders, Aarhus University Hospital, Aarhus, Denmark

366) Abstract 1755
SELF-REPORTED FATIGUE IS RELATED TO HEART RATE VARIABILITY CHANGES IN RESPONSE TO A CONTINUOUS PERFORMANCE TASK
Marijan W. Trompenaars, BSc., Medical and Clinical Psychology, Helma M. de Morree, PhD, Loes Smeijers, MSc., Willem J. Kop, PhD, Medical and Clinical Psychology, CoRPS, Tilburg University, Tilburg, Noord-Brabant, the Netherlands

367) Abstract 1753
VASCULAR MORTALITY IN PARTICIPANTS OF THE BIPOLAR GENOMICS STUDY
Jess G. Fiedorowicz, MD, PhD, Psychiatry, Epidemiology, Internal Medicine, Dubravka Jancic, PhD, James B. Potash, MD, M.P.H., Brandon Butcher, BS, William H. Coryell, MD, Psychiatry, University of Iowa, Iowa City, IA

368) Abstract 1747
ASSOCIATION BETWEEN BODY MASS INDEX AND SLEEP DISTURBANCES IN BREAST CANCER PATIENTS UNDERGOING CHEMOTHERAPY
Stephanie Zepeda, MA, Kathrin Milbury, PhD, Chelsea Ratcliff, MA, Alejandro Chaoul, PhD, General Oncology, MD-Anderson Cancer Center, Houston, TX, Martica Hall, PhD, Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA, Amy Spelman, PhD, General Oncology, MD-Anderson Cancer Center, Houston, TX, Tenzin Wangyal, Rinpoche, Ligmincha International, Ligmincha International, Shipman, VA, Qi Wei, MS, Rosalinda Engle, MA, Lorenzo Cohen, PhD, General Oncology, MD-Anderson Cancer Center, Houston, TX

369) Abstract 1746
RECOGNIZING RELATIVE ADRENAL INSUFFICIENCY OF NEONATES (RAIN) WITH CONGENITAL HEART DISEASE (CHD)
Isabel B. Purdy, PhD, Uday Devaskar, MD, Pediatrics - Neonatology, David Geffen School of Medicine at UCLA, Los Angeles, California

370) Abstract 1745
CHRONIC STRESS MEASUREMENT METHODS AND THEIR COMPARABILITY
Pia-Maria Wipper, Prof., Dr., Sociology of Sport & Health, University of Potsdam, Potsdam, Brandenburg, Deutschland, Jessica de Witt Huberts, Dr., Sociology of Sport & Health, University of Potsdam, Potsdam, Brandenburg, Germany, Jasmin Honold, Dipl. Psych., Caroline Holzmann, Dipl. Soz., Michael Rector, BA, Sociology of Sport & Health, Frank Mayer, Prof., Dr., University Outpatient Clinic, Center of Sports Medicine, University of Potsdam, Potsdam, Brandenburg, Deutschland

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Héctor A. Velásquez García, MD, MPH, Environmental Health Sciences, Johns Hopkins University, Baltimore, MD, Mariam Parekh, MS, June A. He, BS, Sarah R. LaFont, BS, Psychology, Syracuse University, Syracuse, NY, Sheila T. Fitzgerald, RN, PhD, Environmental Health Sciences, Johns Hopkins University, Baltimore, MD, Craig K. Ewart, PhD, Psychology, Syracuse University, Syracuse, NY

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Paul J. Mills, PhD, Psychiatry, UCSD / Samueli Institute, La Jolla, CA / Alexandria, VA, Navaid Iqbal, MD, Fatima Iqbal, MD, Medicine, Meredith A. Pung, PhD, Kathleen Wilson, MS, Katherine Wachmann, PhD, Christopher Prult, BS, Kelly Chin, BS, Sidney Zsok, MD, Jeanne Maglione, MD, Joel E. Dimsdale, MD, Thomas Rutledge, PhD, Psychiatry, Ottar Lunde, MD, Barry H. Greenberg, MD, Medicine, Liki Natarajan, PhD, Family Medicine, UCSD, La Jolla, CA, Shamini Jain, PhD, BMH, Samueli Institute, Alexandria, VA, Laura Redwine, PhD, Psychiatry, UCSD, La Jolla, CA

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Brandi Lucey, BA, Guido Urizar, Ph. D., Psychology, CSULB, Long Beach, California

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Gerard Reach, MD, PhD, Endocrinology, diabetes, metabolic diseases, Avicenne Hospital, Bobigny, France, Silla M. CONSOLI, MD, PhD, CL-Psychiatry, European Georges Pompidou Hospital, Paris, France

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James N. Salley, MS Applied Psychology, Eric R. Muth, PhD, Psychology, Clemson University, Clemson, South Carolina

399) Abstract 1660
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Katja Weimer, PhD, Björn Horng, Dipl.-Psych., Psychosomatic Medicine and Psychotherapy, University Hospital Tübingen, Tübingen, BW, Germany, Luana Colloca, MD, PhD, Department of Bioethics, National Institute of Mental Health, Bethesda, MD, Marco D. Gulewitsch, PhD, Department of Psychology, University of Tübingen, Tübingen, BW, Germany, Angelika A. Schlarb, PhD, Faculté des Lettres, des Sciences Humaines, des Arts et des Sciences de l’Education, Université du Luxembourg, Luxembourg, L, Luxembourg, Helene Sauer, Dipl., Paul Enck, PhD, Psychosomatic Medicine and Psychotherapy, University Hospital Tübingen, Tübingen, BW, Germany

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Lauren A. Zimmer, BA, Elizabeth Cash, PhD, Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY, Eric Dedort, PhD, Psychiatry and Behavioral Sciences, Duke University School of Medicine, Durham, NC, Whitney N. Reibholz, BA, Rene C. Bayley, BA, Paul Salmon, PhD, Sandra E. Sephton, PhD, Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY

401) Abstract 1648
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Megan A. Wing, BS, Kirsten Rene, MA, Ashley M. Geiger, MA, Jutta M. Wolf, PhD, Psychology, Brandeis University, Waltham, MA

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Julianne Holt-Lunstad, PhD, Psychology, Brigham Young University, Provo, UT, Kathleen Light, PhD, Psychology, University of Utah, Salt Lake City, UT, Patrick Steffen, PhD, Psychology, Jonathan Sandberg, PhD, Family Life, Ben Clark, BS, Psychology, Brigham Young University, Provo, UT

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Timothy B. Smith, PhD, Counseling Psychology & Special Ed, Julianne Holt-Lunstad, PhD, Chris Badger, BS, Mark Baker, BS, Tyler Harris, BS, David Stephenson, BS, Psychology, Brigham Young University, Provo, UT
Meeting Objectives
At the conclusion of this meeting, participants will be able to:

1. Describe the biopsychosocial mechanisms underlying interventions, with emphasis on integrative/complementary treatments and how they inform more traditional models of health and disease.

2. Define the role of motivation in treatment and how to improve treatment adherence, including understanding the role of comorbid depression in disease outcome.

3. Discuss racial, ethnic, and cultural differences in health and disease, including an understanding of factors that differentially affect disadvantaged racial, ethnic, and cultural groups such as prenatal stress and early life adversity.

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