



Dedicated to the Integration of Biological, Psychological and Social Factors in Medicine

**64th ANNUAL SCIENTIFIC MEETING
MARCH 1 - 4, 2006**



*Hyatt Denver Convention Center
Denver, CO*

AMERICAN PSYCHOSOMATIC SOCIETY

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*Richard D. Lane, MD, PhD
President*

Welcome to Denver

The American Psychosomatic Society is an organization devoted to the scientific understanding of the interrelationships among biological, psychological, social, and behavioral factors in human health and disease, and to foster the application of this understanding in education and improved health care.

The American Psychosomatic Society welcomes you to its 64th Annual Scientific Meeting. The theme of this year's meeting is Neuroscience, with 20-25% of the meeting content devoted to this area. Our hope is that attending this meeting will provide the opportunity for scientists and clinicians in psychiatry, cardiology, psychology, nursing, internal medicine, and epidemiology to learn about state-of-the-art research and techniques that further psychosomatic medicine.

Enjoy the meeting and your time in Denver, the Mile High City. With over 300 days of sunshine a year, Denver is an outdoor paradise. This clean, young, exciting city has a walkable downtown filled with 300 restaurants, three new stadiums (for seven professional sports teams), great shopping, fun night-life and even a downtown amusement park.

Meeting Objectives

At the end of this meeting, participants will be able to:

- 1) Understand and analyze the neurobiology of emotion regulation and depression and its implications for treatment of mood and anxiety disorders;
- 2) Identify and evaluate links between clinical depression and sudden cardiac disease, including the neurobiology that underlies this relationship;
- 3) Describe the neurobiology of pain and understand its implications to symptom reporting and treatment of pain disorders;
- 4) Integrate psychological and behavioral correlates of cancer and cardiovascular disease, as well as barriers to treatment compliance;
- 5) Measure and recommend best practices for adjunctive treatment of psychological and behavioral correlates of cancer and cardiovascular disease;
- 6) Recognize biological mechanisms that influence responses to cognitive and behavioral interventions;
- 7) Assess the outcomes and implications of behavioral trials for depression in patients with coronary heart disease;
- 8) Distinguish the social and biological pathways linking race and socio-economic status to health and disease;
- 9) Evaluate the importance of sleep and social relationships to health and functioning;
- 10) Identify and measure the neurobiological, immune and endocrine pathways that link maternal stress to pregnancy, fetal and infant health outcomes;
- 11) Compare and contrast the mechanisms through which chronic stress influences health;
- 12) Define state-of-the-art measures for evaluating clinical trials data;
- 13) Recommend methods of presenting research results in manuscripts and grant proposals.



*Martica Hall, PhD
Program Committee Chair*

Meeting Information

Sponsors

APS would like to thank the following sponsors for their financial contributions to help support various activities during this meeting: National Institutes of Health; Jack D. Barchas, MD; Donald Oken, MD; family of Alvin P. Shapiro, MD; family and friends of Herbert Weiner, MD; The Cousins Center for Psychoneuroimmunology at the UCLA Neuropsychiatric Institute; and Donors to the APS Fund.

About APS

The American Psychosomatic Society is an organization devoted to biopsychosocial research and integrated clinical care, and to providing a forum via its Annual Meeting and journal, *Psychosomatic Medicine*, for sharing this research. Its members are from around the world, including specialists from all medical and health-related disciplines, the behavioral sciences, and the social sciences.

Membership information is available at the APS Registration Desk or by contacting the American Psychosomatic Society, 6728 Old McLean Village Drive, McLean, VA 22101, USA (703) 556-9222, FAX (703) 556-8729, info@psychosomatic.org; www.psychosomatic.org.

Continuing Education

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for **Continuing Medical Education** (ACCME) through the joint sponsorship of The National Institutes of Health/Foundation for Advanced Education in the Sciences (NIH/FAES) and the American Psychosomatic Society. The NIH/FAES is accredited by the ACCME to provide continuing medical education for physicians.

The NIH/FAES designates this educational activity for a maximum of **28 AMA PRA Category 1 Credits**.™ Physicians should only claim credit commensurate with the extent of their participation in the activity.

The National Institutes of Health (NIH) is approved by the **American Psychological Association** to offer continuing education for psychologists. The NIH maintains responsibility for the program. This conference carries **28 CE credits**.

Book and Journal Showcase

One benefit of APS membership is the opportunity to display your published books or journals at the meeting. A book display table will be available in the registration area where you may display a copy of publications edited or authored by you. Attendees should plan to take advantage of this opportunity to see the latest publications on a wide range of topics. Stop by the showcase while attending the APS meeting. *Note to authors and editors:* All publications, and the security for them, are the responsibility of the person displaying the publications.

Job Board

An opportunity available to all members during the Annual Meeting is the “Positions Available Networking Board.” Recognizing that members seeking positions and members seeking to fill positions use the Annual Meeting as a time to generate leads, interviews, and make hiring decisions, the Program Committee has arranged for a special bulletin board in the registration area for “positions available” and “positions desired” announcements. Whether you are hiring for an open position, or looking for an appropriate opening for yourself or for a colleague, stop by the Job Board!

APS Registration Desk

The APS registration desk will be open daily. Hours will be posted.

Exhibitors

APS welcomes the following exhibitors to our meeting. We encourage attendees to stop by their table:

Psychosomatic Medicine, the official journal of the American Psychosomatic Society, will be displayed by our publisher, Lippincott, Williams and Wilkins.

VivoMetrics provides continuous ambulatory monitoring products and services to improve the speed, outcomes and economics of pharmaceutical research. VivoMetrics also provides tools to assist academic researchers in discovering new diagnostic signatures of disease for use in pharmaceutical trials.

Alpha Health Systems is a distributor of the Alpha-Stim – an FDA registered electromedical which treats depression, anxiety, insomnia and pain. And HeartMath's Freeze-Framer, an interactive biofeedback system with patented heart rhythm monitor.

Mindware Technologies specializes in providing state-of-the-art ambulatory and desktop data acquisition solutions, physiology signal processing software, stimulus/response systems, olfactometers, and psychophysiology laboratory design and installation.

APS Business Meeting

The APS Business Meeting is open to all members. The meeting will take place Saturday morning from 9:00 - 9:45am. Come hear brief updates from the APS leadership regarding the previous year's activities, and plans for the upcoming year. This is a great opportunity to become involved in the activities of the Society, and learn more about what APS has to offer you.

How to Cite your Abstract

The January/February 2006 (volume 68, number 1) on-line issue of *Psychosomatic Medicine* contains the 2006 meeting abstracts. The on-line journal is *Psychosomatic Medicine*'s journal of record for indexing purposes. To cite a meeting abstract in one's vita, use Volume 68, Number 1 and the page number in which your abstract appears. Note each page number appears with the letter A in front of the page number.

Poster Sessions

Before each abstract number and title listed in the program, you will see a number. These represent the number assigned to your poster - please mount your poster at the correct poster station. If you have any questions, please do not hesitate to ask someone at the APS registration desk for guidance.

Mentoring Program

A special feature of our Annual Meeting is our mentoring program, which is designed to give students/trainees the opportunity to meet with a mentor during the annual meeting, and possibly establish an on-going relationship thereafter. Those who indicated an interest in this program should have received a packet of information indicating who your mentor/mentee is. Mentees participating should be seeking career advice/guidance. Although Mentors/Mentees will have no formal obligation beyond the first meeting, we expect that a number of individuals will want to continue contacts by phone, email, or in person. As with previous years, we anticipate this being a great opportunity for both mentors and mentees. APS will also be hosting a Mentor/Mentee cocktail reception on Thursday evening at 6:30pm for those participating in this program.

Student/Trainee Dinner

Again this year, students attending the APS meeting have been invited to attend a dinner following the Mentor/Mentee Reception, on Thursday, March 2 at **Marlowe's Restaurant**, located in downtown Denver at the 16th Street Mall and Glenarm. Individuals will be responsible for their own transportation and the \$25US cost of the meal - please stop by the APS registration desk if you are interested in attending. It will be a great opportunity to network with other students! *All students are invited to participate in this dinner event--you do not need to be registered for the Mentoring Program to attend.*

Awards and Special Recognition

APS Scholar Awards

For the past eight years APS has awarded APS Scholar Awards to trainees who are conducting research. This year APS will award 25 scholar awards. Applicants for these awards must be students or trainees enrolled in medical, graduate or undergraduate school, or those in residencies, internships, or post-doctoral fellowships. Scholars are selected on a competitive basis from those students and trainees who are first authors on an abstract accepted for presentation at the APS Annual Meeting. Each award provides monetary assistance for conference fees, travel and hotel accommodations. We offer our heartfelt congratulations to this year's recipients:

Jeremy Anderson, MA, Abstract # 1603, INFLUENCE OF CULTURE ON CARDIOVASCULAR RESPONSE TO ANGER, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Janet Baker, MSc, Abstract # 1137, AN INVESTIGATION INTO LIFE EVENTS AND DIFFICULTIES, COPING STYLE AND PATTERNS OF EMOTIONAL EXPRESSION IN WOMEN WITH FUNCTIONAL VOICE DISORDERS (FVD), presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Jennifer Bernard, BA, Abstract # 1182, POSTTRAUMATIC GROWTH IN HISPANIC AND CAUCASIAN WOMEN WITH CERVICAL CANCER, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Kavita Chandwani, MD, MPH, Abstract #1143, A RANDOMIZED CONTROLLED TRIAL OF YOGA FOR WOMEN WITH BREAST CANCER UNDERGOING RADIATION TREATMENT, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

A. Cordes, Dipl.-Psych, Abstract # 1549, PSYCHOPHYSIOLOGY OF HEART FAILURE: A KEY ROLE OF VITAL EXHAUSTION (VE)? RESULTS FROM THE MEDVIP 1- YEAR FOLLOW-UP, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Dolf de Boer, MSc, Abstract # 1515, COLLOID OSMOTIC PRESSURE AS A MECHANISM FOR RECOVERY FROM MENTAL STRESS-INDUCED HEMOCONCENTRATION, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Jennifer Graham, PhD, Abstract # 1610, PSYCHOSOCIAL PREDICTORS OF MARITAL STRESS-INDUCED IMPAIRMENT OF WOUND HEALING, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Jeffrey Greeson, MS, Abstract # 1178, PSYCHOLOGICAL DISTRESS AND HIV PATHOGENESIS: ROLE OF CYTOTOXIC T-CELL ACTIVATION AND INFLAMMATORY CYTOKINE PRODUCTION, presented in the **Cancer & HIV: Biological, Psychological and Social Correlates Paper Session, Thursday from 12:45-2:45pm.**

Melissa Griffin, BSc, Abstract # 1061, PERCEIVED CONTROL AND IMMUNE AND PULMONARY OUTCOMES IN CHILDREN WITH ASTHMA, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Roger Jou, MD, Abstract # 1663, BRAINSTEM VOLUMETRIC ALTERATIONS IN CHILDREN AND ADOLESCENTS WITH PERVASIVE DEVELOPMENTAL DISORDER, presented in the **Poster Session II, Friday from 5:15-6:30pm.**

Carissa Low, PhD, Abstract # 1327, COPING PROCESSES, SPIRITUAL WELL-BEING, AND HEART RATE VARIABILITY AMONG BREAST CANCER SURVIVORS, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Qian Lu, PhD, Abstract # 1439, HOW HEALTH BENEFITS OF EXPRESSIVE WRITING VARY AS A FUNCTION OF WRITING INSTRUCTIONS, ETHNICITY, AND PERSONALITY, presented in the **Theory To Practice In Expressive Writing Interventions: Effects Of Experimental Context And Participant Attributes Symposium, Saturday from 2:15-3:15pm.**

Beth Mechlin, BS, Abstract # 1155, ALLOPREGNANOLONE, ETHNICITY, AND PAIN SENSITIVITY, presented in the **Biological and Genetic Pathways in Disease Paper Session, Saturday from 3:30-5:00pm.**

APS Scholar Awards continued

Yoshiya Moriguchi, MD, Abstract # 1493, THE NEURAL NETWORK OF MIRROR NEURON SYSTEM AND MENTALIZING IN ALEXITHYMIA, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Urs Nater, PhD, Abstract # 1560, DETERMINANTS OF DIURNAL COURSE OF SALIVARY ALPHA-AMYLASE ACTIVITY, presented in the Salivary Alpha Amylase: Novel Biomarker of Stress or a Marker in Search of Meaning? **Symposium, Thursday from 10:00-11:30am.**

Michele Okun, PhD, Abstract # 1597, SLEEP DISTURBANCE AND NATURAL KILLER CELL ACTIVITY IN CAREGIVERS, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Michael Rapp, MD, PhD, Abstract # 1423, POST-ACS DEPRESSION IS ASSOCIATED WITH CEREBRAL DEEP WHITE MATTER CHANGES, presented in the Depression and Disease **Paper Session, Saturday from 1:15-3:15pm.**

Alison Shea, MSc, Abstract # 1565, MATERNAL DEPRESSION AND SALIVARY ALPHA AMYLASE RESPONSE TO STRESS IN THEIR INFANTS, presented in the Salivary Alpha Amylase: Novel Biomarker of Stress or a Marker in Search of Meaning? **Symposium, Thursday from 10:00-11:30am.**

Beate Stanske, Dr. Med, Abstract # 1533, PSYCHOSOCIAL AND BIOLOGICAL DETERMINANTS OF DEPRESSIVE SYMPTOMS IN PATIENTS WITH RISK FACTORS FOR CONGESTIVE HEART FAILURE (CHF)-THE MEDVIP STUDY GROUP, presented in the Clinical CVD: Biological, Psychological and Social Correlates **Paper Session, Friday from 1:30-3:30pm.**

Hideaki Suzuki, BS, Abstract # 1682, BRAIN ACTIVATION CORRELATED WITH CHANGES IN HEART RATE AND AUTONOMIC FUNCTIONS DURING RECTAL DISTENTION, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

A. Janet Tomiyama, MA, Abstract # 1175, DIETING PREDICTS DAILY STRESS, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Ranak Trivedi, MA, Abstract # 1485, PSYCHOSOCIAL PREDICTORS OF HOSPITALIZATIONS IN CONGESTIVE HEART FAILURE PATIENTS, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Lukas Van Oudenhove, MD, Abstract # 1300, DETERMINANTS OF SYMPTOMS IN FUNCTIONAL DYSPEPSIA, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Nicole Vogelzangs, MSc, Abstract # 1217, PSYCHOLOGICAL STRESS AND METABOLIC SYNDROME IN THE ELDERLY, presented in the **Citation Poster Session, Wednesday from 6:15-7:15pm.**

Lina Wiedemar, MS, Abstract # 1054, PREVALENCE OF PTSD AND PREDICTORS OF POSTTRAUMATIC STRESS IN FIRST-TIME MYOCARDIAL INFARCTION PATIENTS, presented in the **Poster Session I, Thursday from 5:15-6:30pm.**

APS Travel Awards for Young Neuroscientists

Since this year's meeting theme is Neuroscience, we launched an application process to bring young neuroscientists to the meeting who seek to apply neuroscientific methods to advance understanding of causes and development of systemic medical disorders. Each award provides monetary assistance for conference fees, travel and hotel accommodations. We are pleased to announce the 10 winners of these travel awards:

Larry Brooks, University of Miami

Tony Buchanan, University of Iowa College of Medicine

Luana Colloca, University of Turin, Italy

David Creswell, University of California Los Angeles

Naomi Eisenberger, University of California Los Angeles

Diana Eldreth, University of Maryland

John Graef, Wake Forest University School of Medicine

Sahib Khalsa, University of Iowa

Sara Master, University of California Los Angeles

Jackie Micklewright, Georgia State University

Medical Student / Medical Resident / Medical Fellow Travel Scholarships

The American Psychosomatic Society (APS) Medical Student / Medical Resident / Medical Fellow Travel Scholarships are intended to assist with travel, hotel accommodations and meeting registration fees to the APS Annual Meeting. In addition, each scholarship will include one year of membership for free! Scholarships provide monetary assistance for travel and hotel accommodations, free meeting registration, plus one year of free membership! We are pleased to announce the 25 winners of these scholarships:

Silvana Barone, BSc, University of Montreal, Canada

Patrick Blake, BA, Cleveland Clinic Lerner College of Medicine

Adomas Bunevicius, BS, Kaunas University of Medicine, Lithuania

Jason P. Caplan, MD, Harvard Longwood Psychiatry Residency Training Program

Sandra Demaries, MD, McGill University

Neil A. Harrison, MBBS, BSc, Institute of Cognitive Neuroscience, London

Takuya Hasegawa, MD, Queen's University

Vinayak A. P. Hegde, MD, The Western Pennsylvania Hospital

Jeffrey Aaron Horn, MD, PhD, Carnegie Mellon University

Nosheen Javed, MD, Western Pennsylvania Hospital

Rebekah Kaplowitz, MD, VA Boston Healthcare System

Matheen A. Khuddus, MD, University of Florida Health Science Center

Paul Koch, BA, Cleveland Clinic Lerner College of Medicine

Meghan Kolodziej, MD, Harvard Longwood Psychiatry Training Program

Ian Kronish, MD, Mount Sinai School of Medicine

Howard Liu, MD, University of Michigan Health System

David B. Merrill, MD, New York State Psychiatric Institute and Columbia University Medical Center

Michelle Nichols, MD, Washington University

Manuel Paz-Yepes, MD, Mount Sinai School of Medicine

Karran Phillips, MD, Johns Hopkins School of Medicine

Gregory Sayuk, MD, Washington University

Bernadette M. Stevenson, MD, PhD, University of Miami- Miller School of Medicine

David J. Wolfe, MD, MPH, Harvard Longwood Psychiatry Residency Training Program

Fahd Zarrouf, MD, West Virginia University

Jianping Zhang, PhD, The Cleveland Clinic Foundation

Donald Oken Fellowship

This new fellowship was created for the purpose of bringing a C-L psychiatrist or internist to the APS annual meeting each year. The person chosen should be someone who is in a leadership position in his or her field and able to influence others to become interested in APS by virtue of the stature and prestige of that person. The annual award consists of an honorarium to the recipient in addition to travel expenses to attend the Annual Meeting.

The ideal candidate will be someone who has not previously attended an APS meeting but is a leader and respected voice in his or her own field. It should be someone who has had some involvement in research, which could be clinical or basic research. The person should be an effective teacher and should be in a position to influence others, especially medical students, residents, and fellows. We are pleased to announce that the first award will be given to **Elizabeth Lin, MD, MPH**, from the Center for Health Studies, Group Cooperative, Seattle, WA. Dr. Lin will be presenting a poster during the **Citation Poster Session (Display # 45, Abstract #1808)**. She will also be leading a **Roundtable Lunch on Saturday, “Can Depression Treatment Improve Co-existing Medical Illnesses?”**



The Cousins Center for Psychoneuroimmunology at the UCLA Neuropsychiatric Institute graciously sponsors the American Psychosomatic Society travel assistant award to an applicant/nominee from a developing nation, enabling him/her to attend our meeting. This year we are pleased to announce that we have awarded travel assistance to the following two individuals: **Valeska Marinho, MD** of Ruobe Janeiro, Brazil and **Hyun-Gyun Son, MD, PhD** of Seoul, Korea.

Career Development Programming Highlights

Wednesday, March 1

2:00-5:00pm

Career Development Workshop, Chair: Tené T Lewis

Thursday, March 2

11:30am-12:45pm

Roundtable 4: BUILDING A CAREER IN BEHAVIORAL/PSYCHOSOMATIC MEDICINE FROM AN MD'S PERSPECTIVE, *Redford Williams, David Kupfer and Michael Irwin*

6:30-7:30pm

Mentor/Mentee Reception

7:30pm

Student/Trainee Dinner (see page 5)

Friday, March 3

12:15-1:30pm

Roundtable 9: UPDATES FROM PSYCHOSOMATIC MEDICINE INTEREST GROUPS: HOW WE FEED THE FIRE, *Lawson Wulsin*

6:30-7:30pm

Student/Trainee Social Hour

Saturday, March 4

12:00-1:15pm

Roundtable 10: EARLY CAREER AWARD MECHANISMS *Paige McDonald, Jill Cyranowski, Tené Lewis, Mercedes Rubio*

Practice-Relevant Abstracts

The following abstracts have been selected as having the highest potential to change clinical practice from the perspective of screening, diagnosis or treatment.

Wednesday, March 1

6:15-7:15pm

Citation Poster Session

- 4) **Abstract Number 1175**, DIETING PREDICTS DAILY STRESS, *A. Janet Tomiyama*
- 8) **Abstract Number 1683**, ETHNICITY IS ASSOCIATED WITH ALTERATIONS IN OXYTOCIN CONCENTRATIONS AND RELATIONSHIP TO PAIN SENSITIVITY IN WOMEN, *Susan S. Girdler*
- 18) **Abstract Number 1312**, SOCIAL SUPPORT AND RESOLUTION OF ACUTE RESPIRATORY ILLNESS, *Sara K Levin*
- 29) **Abstract Number 1485**, PSYCHOSOCIAL PREDICTORS OF HOSPITALIZATIONS IN CONGESTIVE HEART FAILURE PATIENTS, *Ranak Trivedi*
- 35) **Abstract Number 1733**, EFFECTS OF PREDONATION WATER LOADING ON SELF-REPORTED AND ACTUAL VASOVAGAL REACTIONS IN NOVICE BLOOD DONORS, *Steve Patterson*
- 44) **Abstract Number 1137**, AN INVESTIGATION INTO LIFE EVENTS AND DIFFICULTIES, COPING STYLE AND PATTERNS OF EMOTIONAL EXPRESSION IN WOMEN WITH FUNCTIONAL VOICE DISORDERS (FVD), *Janet Baker*

Thursday, March 2

10:00-11:30am

Symposium 1220, MINDFULNESS-BASED INTERVENTIONS IN PSYCHOSOMATIC MEDICINE: A GENERIC APPROACH TO HELP PATIENTS COPE WITH CHRONIC DISORDER?, *Chair: Paul Grossman*

12:45-2:45pm

Paper Session, Abstract Number 1738, PERSONALITY AND HIV: THE RELATIONSHIP BETWEEN NEO-PI-R PERSONALITY DOMAINS AND FACETS AND DISEASE PROGRESSION IN HIV OVER 4 YEARS, *Gail Ironson*

3:00-4:00pm

Symposium 1346, RECENT CLINICAL TRIALS FOR DEPRESSION IN PATIENTS WITH CORONARY HEART DISEASE, *Chair: Nancy Frasure-Smith*

Symposium 1687, BREATHING TRAINING AS A PSYCHOBIOLOGICAL INTERVENTION FOR ANXIETY DISORDER AND ORGANIC DISEASE, *Chair: Thomas Ritz*

4:15-5:15pm

Symposium 1153, THE USE OF NON-INVASIVE ELECTROGASTROGRAPHY (EGG) IN STUDIES OF BRAIN-GUT INTERACTIONS: PHYSIOLOGICAL BASIS, PSYCHOPHYSIOLOGICAL RELATIONSHIPS, AND CLINICAL APPLICATIONS, *Max Levine*

5:15-6:30pm

Poster Session I

12) **Abstract Number 1054**, PREVALENCE OF PTSD AND PREDICTORS OF POST-TRAUMATIC STRESS IN FIRST-TIME MYOCARDIAL INFARCTION PATIENTS, *Lina Wiedemar*

Friday, March 3

1:30-3:30pm

Symposium 1151, SLEEP IN PSYCHOSOMATIC RESEARCH: RISK FACTORS, CONSEQUENCES TO HEALTH, AND BEHAVIORAL INTERVENTIONS, *Chair: Martica Hall*

Paper Session, Abstract Number 1695, PRO-INFLAMMATORY RESPONSES TO MENTAL STRESS AND EXERCISE IN CARDIAC PATIENTS FOLLOWING SUCCESSFUL CORONARY ANGIOPLASTY, *Willem J. Kop*

3:45-5:15pm

Symposium 1467, JOHN HENRYISM AND HEALTH OUTCOMES AMONG AFRICAN-AMERICANS: A RECONCEPTUALIZATION, *Chair: Sherman A. James*

Paper Session, Abstract Number 1206, PHYSICAL FITNESS ATTENUATES LEUKOCYTE-ENDOTHELIAL ADHESION IN RESPONSE TO ACUTE PHYSICAL STRESS, *Paul J Mills*

Paper Session, Abstract Number 1450, BLUNTED CENTRAL SEROTONERGIC RESPONSIVITY IS ASSOCIATED WITH PRECLINICAL VASCULAR DISEASE, *Matthew F. Muldoon*

Practice-Relevant Abstracts continued

Saturday, March 4

5:00-6:15pm

Poster Session III

238) Abstract Number: 1570, A QUASI-CONTROLLED STUDY OF THE USE OF A BEHAVIORAL MEDICINE GROUP PROGRAM AMONG HIGH-UTILIZING, SOMATIZING PATIENTS IN TWO PRIMARY CARE PRACTICES, *Steven Locke*

Neuroscience Presentations

Highlighted below are those presentations that relate to this year's meeting theme: Neuroscience. We used a strict definition of neuroscience involving direct measurement of CNS function when selecting these presentations to highlight.

Wednesday, March 1

8:00am-5:00pm

Neuroscience Pre-Conference Workshop: NEUROSCIENTIFIC METHODS AND THEIR APPLICATION TO RESEARCH IN PSYCHOSOMATIC MEDICINE, *Chair: Richard D. Lane; Presenters: Ralph Adolphs, Hugo Critchley, Wayne Drevets*

6:15-7:15pm

Citation Poster Session

25) Abstract # 1331, DIASTOLIC BLOOD PRESSURE REACTIVITY DURING WORKING MEMORY RELATES DIRECTLY TO AMYGDALA rCBF ACTIVATION, *Dick Jennings*

34) Abstract # 1682, BRAIN ACTIVATION CORRELATED WITH CHANGES IN HEART RATE AND AUTONOMIC FUNCTIONS DURING RECTAL DISTENTION, *Hideaki Suzuki*

49) Abstract # 1359, CHANGES IN BRAIN GLUCOSE METABOLISM AFTER COGNITIVE-BEHAVIOR THERAPY IN PATIENTS WITH PANIC DISORDER, *Yojiro Sakai*

53) Abstract # 1493, THE NEURAL NETWORK OF MIRROR NEURON SYSTEM AND MENTALIZING IN ALEXITHYmia, *Yoshiya Moriguchi*

Thursday, March 2

8:15-9:00am

President's Award Lecture, FUNCTIONAL NEUROIMAGING INSIGHTS INTO BRAIN-BODY INTERACTIONS: CENTRAL AUTONOMIC INTEGRATION IN HEALTH AND ILLNESS, *Presenter: Hugo D. Critchley*

12:45-2:45pm

Invited Symposium, THE ROLE OF THE BRAIN IN MEDIATING THE ESTABLISHED LINK BETWEEN DEPRESSION AND CARDIAC MORTALITY, *Chair: Richard Lane; Presenters: Hugo Critchley, Wayne Drevets, Nancy Frasura-Smith, John Gottdiener; Discussant: David Kupfer*

Symposium 1266, Individual Abstract 1304, MAO-UVNTR IS RELATED TO CNS SEROTONERGIC FUNCTION, GLUCOSE METABOLISM, BMI AND HOSTILITY, *Richard Surwit*

4:15-5:15pm

Symposium 1236, IMMUNE-TO-BRAIN COMMUNICATION: THE INFLUENCE OF CYTOKINES ON BRAIN ACTIVITY AND COGNITIVE FUNCTION, *Chair: Anna L. Marsland*

5:15-6:30pm

Poster Session I

3) Abstract # 1730, FUNCTIONAL BRAIN NETWORKS DURING EXPERIENCE AND ANTICIPATION OF VISCERAL DISCOMFORT IN IRRITABLE BOWEL SYNDROME (IBS), *Jennifer Labus*

47) Abstract # 1543, SEROTONIN SYNTHESIS EVALUATION WITH alpha-METHYL-L-TRYPTOPHAN IMAGING, *Mirko Diksic*

Neuroscience Presentations continued

Friday, March 3

8:00-8:50am

Presidential Address, NEURAL SUBSTRATES OF IMPLICIT AND EXPLICIT EMOTIONAL PROCESSES: A UNIFYING FRAMEWORK FOR PSYCHOSOMATIC MEDICINE, *Richard D. Lane*

9:00-11:00am

Invited Plenary, THE BRAIN IN PAIN: WHY DOES THE GHOST OF DESCARTES STILL HAUNT US?, *Stuart Derbyshire*

11:15am-12:15pm

Invited Plenary, FUNCTIONAL NEUROANATOMY AND PSYCHOPHYSIOLOGY OF EMOTION REGULATION, *James Gross*

12:15-1:30pm

Roundtable Lunch #8, HOW TO OPTIMIZE COLLABORATION IN NEUROSCIENTIFIC RESEARCH, *Mary-Frances O'Connor, Richard Lane, Pete Gianaros and Scott Matthews*

1:30-3:30pm

Invited Symposium, BRAIN MECHANISMS OF PAIN FROM A PSYCHOSOMATIC MEDICINE PERSPECTIVE, *Chair/Discussant: Frank Keefe; Presenters: Stuart Derbyshire, Jon-Kar Zubieta, Fabrizio Benedetti*

3:45-5:15pm

Paper Session, Abstract # 1450, BLUNTED CENTRAL SEROTONERGIC RESPONSIVITY IS ASSOCIATED WITH PRECLINICAL VASCULAR DISEASE, *Matthew F. Muldoon*

5:15-6:30pm

Poster Session II

144) Abstract # 1354, AN FMRI INVESTIGATION OF MINDFULNESS AND AFFECT REGULATION, *J. David Creswell*

169) Abstract # 1663, BRAINSTEM VOLUMETRIC ALTERATIONS IN CHILDREN AND ADOLESCENTS WITH PERVASIVE DEVELOPMENTAL DISORDER, *Roger J. Jou*

180) Abstract # 1378, BRAIN POTENTIALS IN EATING DISORDERS: DIFFERENTIAL MEMORY EFFECTS FOR FOOD AND NON-FOOD WORDS, *Friedhelm Lamprecht*

184) Abstract # 1656, FUNCTIONAL MAGNETIC RESONANCE IMAGING STUDY OF COGNITIVE FLEXIBILITY IN ANOREXIA NERVOSA USING THE WISCONSIN CARD SORTING TEST: A PRELIMINARY STUDY, *Yasuhiro Sato*

Saturday, March 4

1:15-3:15pm

Symposium 1145, NEUROIMAGING OF AUTONOMIC-CARDIAC REACTIVITY IN HEALTH AND DISEASE, *Chair: Peter Gianaros*

Paper Session, Abstract # 1423, POST-ACS DEPRESSION IS ASSOCIATED WITH CEREBRAL DEEP WHITE MATTER CHANGES, *Michael A. Rapp*

3:30-5:00pm

Paper Session, Abstract # 1274: HUMAN CHOLINE TRANSPORTER GENE VARIATION IS ASSOCIATED WITH CORTICOLIMBIC REACTIVITY AND AUTONOMIC CARDIAC FUNCTION, *Serina A. Neumann*

Data Blitz

Eight leading scientists will present their findings during a 25 minute “blitz” Wednesday evening. Each will have 1-2 minutes to present his/her findings, and will be allowed to show a maximum of two slides. This session will give attendees a preview of some of the most exciting, hot-off-the-press findings in psychosomatic medicine research. In addition to presenting during the Data Blitz, they will present their findings either during the Citation Poster Session or a Paper Session. The participants in this year’s data blitz are:

Emma Adam, Abstract # 1757, DAY-TO-DAY DYNAMICS OF NATURALISTIC MOOD-CORTISOL ASSOCIATIONS IN A POPULATION-BASED SAMPLE OF OLDER ADULTS, presented in the Hormonal and Hemotologic Responding: Dynamics and Predictors **Paper Session, Thursday, March 2 from 3:00-4:00pm.**

Kavita Chandwani, Abstract #1143, A RANDOMIZED CONTROLLED TRIAL OF YOGA FOR WOMEN WITH BREAST CANCER UNDERGOING RADIATION TREATMENT, presented in the **Citation Poster Session, Wednesday, March 1 from 6:15-7:15pm.**

Susan Everson-Rose, Abstract # 1086, DEPRESSIVE SYMPTOMS AND INTRA-ABDOMINAL FAT IN CAUCASIAN AND AFRICAN-AMERICAN WOMEN AT MID-LIFE, presented in the Depression and Disease **Paper Session, Saturday, March 4 from 1:15-3:15pm.**

Willem Kop, Abstract # 1695, PRO-INFLAMMATORY RESPONSES TO MENTAL STRESS AND EXERCISE IN CARDIAC PATIENTS FOLLOWING SUCCESSFUL CORONARY ANGIOPLASTY, presented in the Clinical CVD: Biological, Psychological and Social Correlates **Paper Session, Friday, March 3 from 1:30-3:30pm.**

Isabell Purdy, Abstract # 1632, EVALUATING PERINATAL GLUCOCORTICOID AND PSYCHONEUROIMMUNOLOGY OF PRETERM INFANTS BEHAVIORAL DEVELOPMENT, presented in the Biological, Social and Psychological Correlates of Disease Outcomes in Infancy Through Adolescence **Paper Session, Saturday, March 4 from 3:30-5:00pm.**

Tim Smith, Abstract # 1731, MARITAL CONFLICT BEHAVIOR AND CORONARY ARTERY CALCIFICATION, presented in CVD: Risk Factors, presented in the **Paper Session Friday, March 3 from 3:45-5:15pm.**

Lydia Temoshok, Abstract # 1740, PRELIMINARY EVIDENCE FOR PARALLEL DYSREGULATION ACROSS COPING, IMMUNE, AND PHYSIOLOGICAL RESPONSE SYSTEMS IN PATIENTS FROM AN HIV PRIMARY CARE CLINIC, presented in Cancer & HIV: Biological, Psychological and Social Correlates, presented in the **Paper Session, Thursday, March 2 from 12:45-2:45pm.**

Viola Vaccarino, Abstract # 1545, Depressive Symptoms and Homocysteine: The Twins Heart Study, presented in Biological and Genetic Pathways in Disease **Paper Session, Saturday, March 4 from 3:30-5:00pm.**

New Program Feature: Symposia and Linked Roundtable Luncheons

This year we are offering three linked symposia and roundtable luncheons, which will be facilitated by symposia faculty. Meeting attendees who would like the opportunity for in-depth discussion of topics and issues raised during symposia presentations should register for a linked roundtable luncheon. Symposia with linked roundtable luncheons include:

Thursday, March 2, 10:00 – 11:30am Symposia are linked to Roundtable Luncheons from 11:30am - 12:45pm

Symposium 1220: Mindfulness-Based Interventions In Psychosomatic Medicine: A Generic Approach to Help Patients Cope with Chronic Disorder? is **linked to Roundtable #1.**

Symposium 1101: Psychobiology of Social Relationships, Stress Protection and Disease Processes: Role of Oxytocin is **linked to Roundtable #2.**

Symposium 1558: Salivary Alpha Amylase: Novel Biomarker of Stress or a Marker in Search of Meaning? is **linked to Roundtable #3.**

Program-at-a-Glance

Wednesday, March 1, 2006

7:00am	Registration Opens Capitol Ballroom Foyer	5:30-6:15pm	Welcome and Announcements <i>Martica Hall</i> Data Blitz <i>Susan Lutgendorf</i> Awards <i>Mark Lumley, Michael Irwin, Paul Mills, Joshua Smyth, and William Lovallo</i> Capitol Ballroom 5-7
8:00am-5:00pm	Neuroscience Pre-Conference Workshop: Neuroscientific Methods and their Application to Research in Psychosomatic Medicine <i>Chair: Richard Lane; Presenters: Ralph Adolphs, Hugo Critchley, and Wayne Drevets</i> Mineral Hall F-G	6:15-7:15pm	Cocktail Reception and Citation Poster Session Capitol Ballroom 1-4
2:00-5:00pm	Best Practices Workshop <i>Chair: Gail Ironson; Presenters: Ken Freedland, Judy Skala, Karen Weihs, and Lorenzo Cohen</i> Mineral Hall A	7:15-8:15pm	Just Desserts Fundraising Event (By invitation) Quartz Room
	Career Development Workshop <i>Chair: Tené T. Lewis; Presenters: Alan Christensen, Susan Everson-Rose, William Gerin, Jane Leserman, Gregory Miller, and Paul Mills</i> Mineral Hall B-C		
	Advanced Statistics Workshop <i>Joseph E. Schwartz</i> Mineral Hall D-E		

Thursday, March 2, 2006

- 7:00-8:00am** **Breakfast Roundtable:** Who is missing? Preparing for the occurrence of missing data in research, *Maria Magdalena Llabre*
Agate C
- 8:15-9:00am** **President's Award Lecture:** Functional Neuroimaging Insights Into Brain-Body Interactions: Central Autonomic Integration in Health & Illness, *Hugo D Critchley*
Capitol Ballroom 5-7
- 9:00-9:45am** **Herbert Weiner Early Career Award:** The Heart & Soul Study, *Mary A Whooley*
Capitol Ballroom 5-7
- 9:45-10:00am** **Break** **Capitol Ballroom Foyer**
- 10:00-11:30am** **3 Concurrent Sessions**
Symposium 1220: Mindfulness-Based Interventions In Psychosomatic Medicine: A Generic Approach to Help Patients Cope with Chronic Disorder?
Mineral Hall D-E
Symposium 1101: Psychobiology of Social Relationships, Stress Protection and Disease Processes: Role of Oxytocin
Mineral Hall B-C
Symposium 1558: Salivary Alpha Amylase: Novel Biomarker of Stress or a Marker in Search of Meaning?
Mineral Hall A
- 11:30am-12:45pm** **Lunch on your own OR Roundtables**
Roundtable 1: Mindfulness-Based Interventions In Psychosomatic Medicine, *Paul Grossman, Linda Carlson, G. Alan Marlatt, and Christopher Coe*
Granite A
Roundtable 2: Psychobiology of Social Relationships, Stress Protection and Disease Processes: Role of Oxytocin, *Neil Schneiderman*
Mineral Hall F
Roundtable 3: Salivary Alpha Amylase: Novel Biomarker of Stress or a Marker in Search of Meaning?, *Laura Stroud*
Agate A
Roundtable 4: Building a Career in Behavioral/Psychosomatic Medicine from an MD's Perspective, *Redford Williams, David Kupfer, and Michael Irwin*
Granite C
- 11:30am-12:45pm** **Psychosomatic Medicine Editorial Board**
Mineral Hall G
Professional Education Committee
Agate C
- 12:45-2:45pm** **3 Concurrent Sessions**
Invited Symposium: The Role of the Brain in Mediating the Established Link Between Depression and Cardiovascular Mortality
Mineral Hall D-E
Symposium 1266: It's Not The Genes or The Environment, Stupid; It's The Genes and the Environment, Stupid: Gene By Environment Interactions, Psychosocial Risk Factors & Biobehavioral Mechanisms
Mineral Hall B-C
Paper Session: Cancer & HIV: Biological, Psychological and Social Correlates (1404,1801,1701,1738,1740,1178,1383,1700)
Mineral Hall A
- 2:45-3:00pm** **Break** **Capitol Ballroom Foyer**
- 3:00-4:00pm** **3 Concurrent Sessions**
Symposium 1346: Recent Clinical Trials for Depression in Patients with Coronary Heart Disease
Mineral Hall D-E
Symposium 1687: Breathing Training as a Psychobiological Intervention for Anxiety Disorder and Organic Disease
Mineral Hall A
Paper Session: Hormonal and Hemotologic Responding: Dynamics and Predictors (1219,1540,1757,1754)
Mineral Hall B-C
- 4:00-4:15pm** **Break** **Capitol Ballroom Foyer**
- 4:15 - 5:15pm** **3 Concurrent Sessions**
Symposium 1647: Racism: Risk Factors, Psychosocial Mechanisms, and Cardiovascular Correlates
Mineral Hall B-C
Symposium 1153: The Use of Non-Invasive Electrogastrography (EGG) in Studies of Brain-Gut Interactions...
Mineral Hall A
Symposium 1236: Immune-To-Brain Communication: The Influence of Cytokines on Brain Activity and Cognitive Function
Mineral Hall D-E
- 5:15-6:30pm** **Poster Session I** **Capitol Ballroom 1-4**
- 6:30-7:30pm** **Mentor / Mentee Reception**
Agate Room
(followed by organized trainee dinner)
- 7:30pm** **Past Leaders Dinner Meeting**
Granite Room

Friday, March 3, 2006

7:00am	Registration Opens Capitol Ballroom Foyer		Roundtable 9: Updates from the Psychosomatic Medicine Interest Groups: How We Feed the Fire, <i>Lawson Wulsin</i> Granite A
7:00-8:00am	Textbook Committee Meeting Agate B		
7:00-8:00am	Breakfast Roundtable: Statistical Guidelines for <i>Psychosomatic Medicine</i> , <i>Michael A. Babyak and Kenneth E. Freedland</i> Agate C	1:30-3:30pm	3 Concurrent Sessions Invited Symposium: Brain Mechanisms of Pain from a Psychosomatic Medicine Perspective Mineral Hall A Symposium 1151: Sleep in Psychosomatic Research: Risk Factors, Consequences to Health, and Behavioral Interventions Mineral Hall B-C Paper Session: Clinical CVD: Biological, Psychological and Social Correlates (1695,1384,1232,1533,1338,1315,1319,1552) Mineral Hall D-E
8:00-8:50am	President's Address: Neural Substrates of Implicit and Explicit Emotional Processes: A Unifying Framework for Psychosomatic Medicine, <i>Richard D. Lane, APS President</i> Capitol Ballroom 5-7		
9:00-11:00am	Invited Plenary Symposium: Brain, Mind, Body and Soul: At the Frontiers of Psychosomatic Medicine <i>Chair: Michael Scheier; Presenters: Stuart Derbyshire, David Kupfer, Phil McCabe, and Lynda Powell</i> Capitol Ballroom 5-7	3:30-3:45pm	Break Capitol Ballroom Foyer
11:00-11:15am	Break Capitol Ballroom Foyer	3:45-5:15pm	3 Concurrent Sessions Symposium 1083: The Psychoneuroimmunology of Pregnancy: Psychosocial, Neuroendocrine, and Immune Influences on Pregnancy Outcome and Early Development Mineral Hall B-C Symposium 1467: John Henryism and Health Outcomes Among African-Americans: A Reconceptualization Mineral Hall A Paper Session: CVD: Risk Factors (1165, 1496,1450,1371,1731,1206) Mineral Hall D-E
11:15am-12:15pm	Invited Plenary: Functional Neuroanatomy and Psychophysiology of Emotion Regulation , <i>James Gross</i> Capitol Ballroom 5-7		
12:15-1:30pm	Lunch on your own OR Roundtables Roundtable 5: Psychosocial factors and diet: mechanisms and outcomes, <i>Lana Watkins, Anastasia Georgiade and Sheila West</i> Mineral Hall G Roundtable 6: Integrative Medicine Research: Challenges and Opportunities, <i>Susan Lutgendorf, Lorenzo Cohen, and Margaret Chesney</i> Mineral Hall F Roundtable 7: Mobilizing to Address Biopsychosocial Consequences of Disaster and Terrorism, <i>Steven Locke, Cheryl Koopman and Joan Broderick</i> Granite C Roundtable 8: How to Optimize Collaboration in Neuroscientific Research <i>Mary-Frances O'Connor, Richard Lane, Pete Gianaros and Scott Matthews</i> Granite B	5:15-6:30pm	Poster Session II Capitol Ballroom 1-4
		6:00-9:00pm	Council Dinner Meeting Granite Room
		6:30-7:30pm	Student/Trainee Social Hour Mineral Hall F

Saturday, March 4, 2006

7:00am	Registration Opens Capitol Ballroom Foyer	1:15-3:15pm	3 Concurrent Sessions Paper Session: Depression and Disease (1760,1714,1129,1086,1263,1423,1434,1240) Mineral Hall A Symposium 1145: Neuroimaging of Autonomic-Cardiac Reactivity in Health and Disease Capitol Ballroom 5 Symposium 1442 (first hour): Finding Benefits in Adversity: Psychological and Physiological Processes Mineral Hall A Symposium 1414 (second hour): Theory to Practice in Expressive Writing Interventions: Effects of Experimental Context and Participant Attributes Mineral Hall A
7:30-9:00am	2007 Program Committee Breakfast Meeting Agate C		
9:00-9:45am	Business Meeting Capitol Ballroom 5-7		
9:45-10:00am	Break Capitol Ballroom Foyer		
10:00-10:50am	Patricia R. Barchas Award Lecture: Do Positive Emotions Influence Health? <i>Sheldon Cohen</i> Capitol Ballroom 5-7		
11:00-11:50am	Alvin P. Shapiro Award Lecture: Psychosocial Factors and CVD: 2006 <i>C. Noel Bairey Merz</i> Capitol Ballroom 5-7	3:15-3:30pm	Break Capitol Ballroom Foyer
12:00-1:15pm	Lunch on your own OR Roundtables Roundtable 10: Early Career Award Mechanisms, <i>Mercedes Rubio, Paige McDonald, Jill Cyranowski, and Tené T. Lewis</i> Agate B Roundtable 11: IOM's Medical Education Agenda: Challenging the Hegemony of the Biomedical Model in Undergraduate Medical Education, <i>Herb Ochitill and Steven Locke</i> Marble Room Roundtable 12: The Use of Hypnosis in Medical Research, <i>Jeanne Hernandez</i> Agate C Roundtable 13: Can Depression Treatment Improve Co-existing Medical Illnesses?, <i>Elizabeth H. B. Lin</i> Agate A	3:30-5:00pm	3 Concurrent Sessions Symposium 1122: Prolonged Stress-Related Activation and Health Capitol Ballroom 5 Paper Session: Biological and Genetic Pathways in Disease (1197,1155,1545,1707,1394,1274) Mineral Hall B-C Paper Session: Biological, Social and Psychological Correlates of Disease Outcomes in Infancy Through Adolescence (1321,1752,1753,1451,1619,1632) Mineral Hall A
		5:00-6:15pm	Poster Session III Capitol Ballroom 1-4
		7:00-12pm	Dinner and Entertainment Capitol Ballroom 5-7

Calling all APS Members!

Here is your opportunity to become more active and involved with APS. Consider participating on one of our committees. The following committees are open to new members and invite your participation: Membership, Professional Education, Fundraising, and Liaison Committees. For more information, stop by the APS registration counter. And be sure to attend the Business Meeting for an update on all committee activities.

Scientific Program

Wednesday, March 1, 2006

7:00am

Registration and Continental Breakfast
Capitol Ballroom Foyer

8:00am-5:00pm

Neuroscience Pre-Conference Workshop: Neuroscientific Methods and Their Application to Research in Psychosomatic Medicine

Chair: Richard Lane; Presenters: Ralph Adolphs, Hugo Critchley, and Wayne Drevets

Mineral Hall F-G

This pre-conference workshop will introduce the audience to neuroscientific methods and their application to research in psychosomatic medicine. Three world-class neuroscientists will participate. Each 90 minute slot will be equally divided between formal presentation and Q&A. The focus is on helping psychosomatic researchers, who are not neuroscientists, to learn about some exciting new and relevant findings, and the methods used to obtain them. The advantages and disadvantages of each method will be discussed.

8:00-9:30am

Ralph Adolphs, Cal Tech, Pasadena, CA
(lesions, electrophysiological recordings; social neuroscience)

9:30-10:00am

Break

10:00-11:30am

Hugo Critchley, Institute of Neurology, London, UK
(fMRI, autonomic measurements; emotion and autonomic regulation)

11:30am-12:30pm

Lunch on your own

There will be three tables reserved in the hotel restaurant, with one of today's workshop presenters at each table. All are welcome to join a table. Tables will be filled on a first come, first served basis.

12:30-2:00pm

Wayne Drevets, NIMH, Bethesda, MD
(PET for functional and neurochemical measurements; neurobiology of depression)

2:00-2:10 pm

Break

2:10-5:00 pm

Open Discussion

2:00-5:00pm

3 Concurrent Pre-Conference Workshops

Best Practices Pre-Conference Workshop

Chair: Gail Ironson; Presenters: Ken Freedland, Judy Skala, Karen Weihs, and Lorenzo Cohen

Mineral Hall A

The workshop will give "state of the art" clinical guidance to people who are seeing patients or are interested in doing clinically oriented research with medical patients. These suggested practices will be based on faculty experience, suggestions from the literature regarding both assessment and treatment, and published clinical standard of care guidelines. This workshop will focus on cancer and cardiovascular patients.

Basic questions will include - What are the psychological issues that cancer/cardiovascular patients face? What should clinicians look for and assess (i.e. depression, anxiety, loss, confusion) at various stages of the illness -(i.e. diagnosis, adjunctive treatment)? Also what psychosocial treatments are available? (i.e. individual or group) Are these treatments helpful?)

Career Development Pre-Conference Workshop

Chair: Tené T. Lewis; Presenters: Alan Christensen, Susan Everson-Rose, William Gerin, Jane Leserman, Gregory Miller, and Paul Mills

Mineral Hall B-C

This workshop will focus on aspects of early career development and is geared towards advanced graduate students, post-doctoral fellow and junior faculty in departments of psychology and psychiatry. The workshop will focus on the "Nuts and Bolts" of building a career in Behavioral Medicine. Established scholars in Behavioral Medicine will cover: 1) Developing a program of research; 2) Getting the training you need (immunology, cardiology, oncology, etc...); 3) Establishing collaborative relationships across disciplines; and 4) Obtaining funding for Behavioral Medicine Research. Faculty will present their own experiences and invite questions and discussion from workshop attendees. During this discussion we will also present issues related to career development in traditional Departments of Psychology vs. Departments of Psychiatry/Medical Schools.

Advanced Statistics Pre-Conference Workshop

Joseph E. Schwartz

Mineral Hall D-E

This workshop will introduce participants to the basic concepts underlying multilevel models, demonstrate how traditional RM-ANOVA and MANOVA are special cases of this broader class of models, and illustrate the application of these models to address a wide range of questions that are of interest to psychosomatic medicine researchers. The collection of repeated measures data is common to many study designs used by psychosomatic medicine researchers. For clinical trials in which a few critical assessments are made (e.g., pre-treatment, post-treatment, and one or more follow-ups), traditional repeated measures analysis of variance (RM-ANOVA) and/or MANOVA are commonly used to test for treatment effects. RM-ANOVA and MANOVA are special cases of multilevel models. A common problem with traditional RM-ANOVA and MANOVA is that those subjects who are missing any assessment(s) are excluded from the analysis, thereby completely ignoring the data that these subjects did provide. Multilevel models can be used to perform the same type of analysis on all available assessments because they can readily handle unequal numbers of observations (assessments) per subject. This workshop will demonstrate the application of multilevel models to the analysis of clinical trial data.

Laboratory stress reactivity studies are similar to clinical trials in that physiologic, and sometimes psychological, data are typically collected during a baseline period (pre-stress), during an experimental stressor, and during a recovery period, after the termination of the stressor. In most analyses, the data from such studies are aggregated (averaged) within each period and change scores and/or residualized change scores are analyzed. This workshop will illustrate how multilevel models can be useful for analyzing such data.

The collection of ambulatory data (e.g., 24-hour blood pressure recordings, actigraphy, salivary cortisol) and/or diary data (end-of-day reports, multiple momentary reports per day) in people's natural settings is becoming more and more common in psychosomatic research. Such data are often aggregated (averaged for each person), and traditional statistical approaches used to analyze between-person differences in the aggregated scores. While there are statistical arguments for why it might be preferable to analyze the raw (unaggregated) data, such analyses usually lead to the same substantive conclusion. However, there are many interesting questions pertaining to the fluctuations within persons that cannot be addressed using aggregated data. This workshop will illustrate how multilevel models (including random coefficients and growth curve models), applied to the raw data, can be used to investigate a variety of such questions.

In summary, this workshop will introduce participants to the basic concepts underlying multilevel models, demonstrate how traditional RM-ANOVA and MANOVA are special cases of this broader class of models, and illustrate the application of these models to address a wide range of questions that are of interest to psychosomatic medicine researchers. Commonly used software for estimating multilevel models will be briefly reviewed and a list of recommended references provided.

Wednesday, March 1, 2006

Conference Events

5:30-6:15pm

Opening Events

Capitol Ballroom 5-7

5:30-5:35pm

Welcome and Announcements

Martica Hall, Program Committee Chair

5:35-6:00pm

Data Blitz

Susan Lutgendorf, Program Committee Member

6:00-6:15pm

Awards

Mark Lumley, Awards Committee Chair

International Travel Assistance Award

Introduced by Michael Irwin

Scholar Awards

Introduced by Paul Mills

Scholarships for MD Students/Residents/Fellows

Introduced by Joshua Smyth

Scholarships for Young Neuroscientists

Introduced by William Lovallo

6:15-7:15pm

Cocktail Reception and Citation Poster Session

Capitol Ballroom 1-4

1) Abstract 1598

ONE WORKING WEEK OF PARTIAL SLEEP DEPRIVATION AFFECTS SUBJECTIVE HEALTH AND IMMUNE FUNCTION

Mats Lekander, Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden, Torbjorn Akerstedt, Work and health, National Institute for Psychosocial Medicine, Stockholm, Sweden, Caroline Olgart Hoglund, Department of Medicine, Yvonne Smith, Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden, John Axelsson, Institute of Psychosocial Medicine, Work and Health, Stockholm, Sweden

2) Abstract 1597

SLEEP DISTURBANCE AND NATURAL KILLER CELL ACTIVITY IN CAREGIVERS

Michele L. Okun, Theodore F. Robles, Martica Hall, Psychiatry, University of Pittsburgh Medical Center, Pittsburgh, PA

3) Abstract 1387

SOCIOECONOMIC STATUS PREDICTS SUBJECTIVE AND OBJECTIVE SLEEP QUALITY IN AGING WOMEN

Elliot M. Friedman, Population Health Sciences, University of Wisconsin-Madison, Madison, WI, Gayle D. Love, Institute on Aging, Richard J. Davidson, Psychology, University of Wisconsin-Madison, Madison, WI, Heather L. Urry, Psychology, Tufts University, Medford, MA, Melissa A. Rosenkranz, Psychology, University of Wisconsin-Madison, Madison, WI, Burton H. Singer, Office of Population Research, Princeton University, Princeton, NJ, Carol D. Ryff, Institute on Aging, University of Wisconsin-Madison, Madison, WI

4) Abstract 1175

DIETING PREDICTS DAILY STRESS

A. Janet Tomiyama, Traci Mann, Shelley E. Taylor, Psychology, UCLA, Los Angeles, CA, Lisa Comer, Psychology, University of Northern Colorado, Greeley, CO

5) Abstract 1747

SPIRITUALITY (BUT NOT CHURCH ATTENDANCE) PREDICTS LOWER C-REACTIVE PROTEIN AND BETTER SELF-REPORTED HEALTH IN A SAMPLE OF MEXICAN IMMIGRANTS

Kevin Jordan, Patrick R. Steffen, Psychology, Brigham Young University, Provo, UT

6) Abstract 1737

IN VITRO SUPPRESSION OF CYTOKINE PRODUCTION BY DEXAMETHASONE AND HYDROCORTISONE

Claudine M. Catledge, Lea Vella, David C. Mohr, Mental Health, University of California, San Francisco, San Francisco, CA

7) Abstract 1721

COUNTS OF CIRCULATING PROGENITOR CELLS ARE ASSOCIATED WITH VAGAL TONE

Joachim E. Fischer, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland, Johannes C. Fischer, Institute for Cell Therapeutics, University of Dusseldorf, Dusseldorf, Germany, Julian F. Thayer, Intramural Research Program, National Institute on Aging, Baltimore, MD

8) Abstract 1683

ETHNICITY IS ASSOCIATED WITH ALTERATIONS IN OXYTOCIN CONCENTRATIONS AND RELATIONSHIP TO PAIN SENSITIVITY IN WOMEN

Susan Girdler, Karen Grewen, Psychiatry, William Maixner, School of Dentistry, Kathleen Light, Psychiatry, University of North Carolina, Chapel Hill, NC

9) Abstract 1617

IMMUNOLOGICAL EFFECTS OF NEGATIVE SELF-FOCUSED EMOTIONS

Roberta A. Mancuso, Psychology, Occidental College, Los Angeles, CA, Margaret Kemeny, Psychology, University of California, San Francisco, San Francisco, CA

10) Abstract 1610

PSYCHOSOCIAL PREDICTORS OF MARITAL STRESS-INDUCED IMPAIRMENT OF WOUND HEALING

Jennifer E. Graham, Institute for Behavioral Medicine Research, Lisa M. Christian, Psychology, Ohio State University, Columbus, Ohio, Ronald Glaser, Institute for Behavioral Medicine Research, Ohio State University, Columbus, OH, Timothy J. Loving, Psychology, University of Texas at Austin, Austin, TX, William B. Malarkey, Institute for Behavioral Medicine Research, Janice K. Kiecolt-Glaser, Psychiatry, Ohio State University, Columbus, Ohio

11) Abstract 1585

EXPERIENCE WITH RACISM IS ASSOCIATED WITH ELEVATED CORTISOL LEVELS IN AFRICAN-AMERICANS

Paul J. Mills, Psychiatry, University of California, San Diego (UCSD), San Diego, CA, Vanessa L. Malcarne, Karen L. Clark, Starlyn M. Hawes,

Alexander Hwang, UCSD Moores Cancer Center, Wayne A. Bardwell, Psychiatry, Georgia R. Sadler, Surgery, UCSD Moores Cancer Center, San Diego, CA

12) Abstract 1441

PROINFLAMMATORY CYTOKINES AND SEVERITY OF CAD

Kaki York, Matheen Khuddus, Qin LI, Roger Fillingim, Chris Arant, Alice Boyette, Robert Kolb, Elaine Beem, Mark Segal, Haihong LI, David Sheps, University of Florida/North Florida South Georgia VA, Gainesville, FL

13) Abstract 1385

COMMUNITY SOCIOECONOMIC INDICATORS AND RISK FOR METABOLIC SYNDROME

K. L. Petersen, J. E. Phillips, Psychology, University of Pittsburgh, Pittsburgh, PA, J. D. Flory, Psychiatry, Mount Sinai School of Medicine, New York, NY, S. A. Neumann, Psychology, M. F. Muldoon, Medicine, S. B. Manuck, Psychology, University of Pittsburgh, Pittsburgh, PA

14) Abstract 1217

PSYCHOLOGICAL STRESS AND METABOLIC SYNDROME IN THE ELDERLY

N Vogelzangs, A Beekman, Psychiatry, VU University Medical Center, Amsterdam, Netherlands, S Kritchevsky, Geriatrics, Wake Forest University, Winston-Salem, NC, A Newman, Epidemiology, University of Pittsburgh, Pittsburgh, PA, M Pahor, Geriatrics, University of Florida, Gainesville, FL, E Simonsick, Gerontology Research Center, NIA, Baltimore, MD, K Yaffe, Psychiatry, S Rubin, Epidemiology, University of California, San Francisco, CA, T Harris, Epidemiology, NIA, Bethesda, MD, S Satterfield, Preventive Medicine, University of Tennessee, Memphis, TN, B Penninx, Psychiatry, VU University Medical Center, Amsterdam, Netherlands

15) Abstract 1215

RHEUMATOID ARTHRITIS PATIENTS WITH HIGH LEVELS OF SYSTEMIC INFLAMMATION SHOW INCREASED SYSTEMIC VASCULAR RESISTANCE IN RESPONSE TO ACUTE MENTAL STRESS

Jet Veldhuijzen van Zanten, Douglas Carroll, Christopher Ring, School of Sport and Exercise Sciences, University of Birmingham, Birmingham, United Kingdom, George Kitas, Department of Rheumatology, Dudley Group of Hospitals NHS Trust, West Midlands, United Kingdom

16) Abstract 1142

PSYCHOBIOLOGICAL LINKAGE IN ULCERATIVE COLITIS DEPENDS ON AUTOIMMUNE ANTIBODY STATUS

R. G. Maunder, Psychiatry, Gordon R. Greenberg, Gastroenterology, William J. Lancee, Psychiatry, A. Hillary Steinhart, Mark Silverberg, Gastroenterology, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, Canada

17) Abstract 1094

SOCIAL SUPPORT BUFFERS THE EFFECTS OF STRESS ON WOUND HEALING

Lisa M. Christian, Psychology, Ronald Glaser, Institute for Behavioral Medicine Research, William B. Malarkey, Internal Medicine, Janice K. Kiecolt-Glaser, Psychiatry, The Ohio State University, Columbus, OH

18) Abstract 1312

SOCIAL SUPPORT AND RESOLUTION OF ACUTE RESPIRATORY ILLNESS

Sara K. Levin, Ralph Gonzales, Medicine, Anita L. Stewart, Institute for Health & Aging, University of California, San Francisco, San Francisco,

CA, Carlos A. Camargo, Emergency Medicine, Harvard Medical School, Boston, MA, Judith H. Maselli, Medicine, University of California, San Francisco, San Francisco, CA, Ayanna S. Kersey, CHERP, Joshua P. Metlay, Medicine, Philadelphia VA Medical Center, Philadelphia, PA

19) Abstract 1061

PERCEIVED CONTROL AND IMMUNE AND PULMONARY OUTCOMES IN CHILDREN WITH ASTHMA

Melissa J. Griffin, Krysta L. Cochrane, Edith Chen, Psychology, University of British Columbia, Vancouver, BC, Canada

20) Abstract 1710

MOMENTARY STATES DIFFERENTIALLY PREDICT ASTHMA SYMPTOM REPORTS AND PEAK EXPIRATORY FLOW IN THE NATURAL ENVIRONMENT

Kristin Heron, Joshua Smyth, Deborah Nazarian, Psychology, Syracuse University, Syracuse, NY

21) Abstract 1465

HEALTH BELIEFS AND BIOLOGICAL OUTCOMES IN CHILDREN WITH ASTHMA

Hope A. Walker, Louise S. Chim, Edith Chen, Psychology, University of British Columbia, Vancouver, BC, Canada

22) Abstract 1257

AUTONOMIC NERVOUS SYSTEM ACTIVITY AS A PREDICTOR OF FATIGUE FOLLOWING EXERCISE WITHDRAWAL

Ali A. Berlin, Medical Psychology, Patricia A. Deuster, Military and Emergency Medicine, Willem J. Kop, Medical Psychology, USUHS, Bethesda, MD

23) Abstract 1216

INTER-OBSERVER RELIABILITY OF A NEW METHOD TO MEASURE ENDOTHELIAL FUNCTION

Jet Veldhuijzen van Zanten, School of Sport and Exercise Sciences, University of Birmingham, Birmingham, United Kingdom, Bernard Meloche, Simon Bacon, Philippe Stebenne, Andre Arsenaault, Nuclear Medicine, Montreal Heart Institute, QC, Canada, Kim Lavoie, Department of Psychology, University of Quebec at Montreal (UQAM), QC, Canada

24) Abstract 1594

SUPPRESSED ANGER, CARDIOVASCULAR REACTIVITY, AND EVALUATIVE THREAT: A CLUSTER ANALYTIC PROFILE APPROACH

Randall S. Jorgensen, Psychology, Syracuse University, Syracuse, NY, Monika E. Kolodziej, Psychiatry, McLean Hospital, Harvard University, Belmont, MA

25) Abstract 1331

DIASTOLIC BLOOD PRESSURE REACTIVITY DURING WORKING MEMORY RELATES DIRECTLY TO AMYGDALA RCBF ACTIVATION

J. Richard Jennings, Peter Gianaros, Psychiatry, Matthew Muldoon, Medicine, Carolyn Meltzer, Julie Price, Neuroradiology, University of Pittsburgh, Pittsburgh, PA

26) Abstract 1171

EFFECTIVENESS OF A CONSULTATION-LIAISON PSYCHIATRY INTERVENTION IN CORONARY HEART DISEASE

Graca Cardoso, Psychiatry, Hospital Fernando Fonseca, Amadora, Portugal

Wednesday, March 1, 2006

27) Abstract 1173

PREDICTING BLOOD PRESSURE AND HEART RATE CHANGE WITH CARDIOVASCULAR REACTIVITY AND RECOVERY: RESULTS FROM 3-YEAR AND 10-YEAR FOLLOW-UP

Janine V. Moseley, Wolfgang Linden, Psychology, University of British Columbia, Vancouver, BC, Canada

28) Abstract 1443

THE RELATIONSHIP BETWEEN FATIGUE AND CARDIAC FUNCTIONING

Yasmin A. Dar, Haumana Biomedical Program, Univeristy of Hawaii, Honolulu, Hawaii, Richard A. Nelesen, Psychiatry, University of California, San Diego, La Jolla, CA, KaMala S. Thomas, SDSU/UCSD Joint Doctoral Program in Clinical Psych, San Diego State University, La Jolla, CA, Joel E. Dimsdale, Department of Psychiatry, University of California, San Diego, La Jolla, CA

29) Abstract 1485

PSYCHOSOCIAL PREDICTORS OF HOSPITALIZATIONS IN CONGESTIVE HEART FAILURE PATIENTS

Ranak Trivedi, James A. Blumenthal, Psychiatry & Beh. Sci., Duke Univ Med Ctr, Durham, NC, Alan L. Hinderliter, Cardiology, UNC, Chapel Hill, NC, Kristy Johnson, Andrew Sherwood, Psychiatry & Beh. Sci., Duke Univ Med Ctr, Durham, NC

30) Abstract 1515

COLLOID OSMOTIC PRESSURE AS A MECHANISM FOR RECOVERY FROM MENTAL STRESS-INDUCED HEMOCONCENTRATION

Dolf de Boer, Alex Curlett, Matt Ridley, Christopher Ring, Douglas Carroll, Sport and Exercise Sciences, University of Birmingham, Birmingham, United Kingdom

31) Abstract 1300

DETERMINANTS OF SYMPTOMS IN FUNCTIONAL DYSPEPSIA

Lukas Van Oudenhove, Joris Vandenberghe, Philippe Persoons, Koen Demyttenaere, Psychiatry, Brecht Geeraerts, Rita Vos, Jan Tack, Gastroenterology, University of Leuven, Leuven, Belgium

32) Abstract 1603

INFLUENCE OF CULTURE ON CARDIOVASCULAR RESPONSE TO ANGER

Jeremy C. Anderson, Wolfgang Linden, Psychology, University of British Columbia, Vancouver, British Columbia, Canada

33) Abstract 1520

TIME COURSE OF HEMATOCRIT IN RESPONSE TO ISOMETRIC EXERCISE

Dolf de Boer, Christopher Ring, Douglas Carroll, Sport and Exercise Sciences, University of Birmingham, Birmingham, United Kingdom

34) Abstract 1682

BRAIN ACTIVATION CORRELATED WITH CHANGES IN HEART RATE AND AUTONOMIC FUNCTIONS DURING RECTAL DISTENTION

Hideaki Suzuki, Satoshi Watanabe, Toyohiro Hamaguchi, Motoyori Kanazawa, Behavioral Medicine, Tohoku University Graduate School of Medicine, Sendai, Japan, Noriko Oohisa, Clinical Laboratory, Tohoku University Hospital, Sendai, Japan, Mitsuya Maruyama, Tomoyuki Yambe, Institute of Development, Aging and Cancer, Masatoshi Itoh, Cyclotron and Radioisotope Center, Tohoku University, Sendai, Japan, Shin Fukudo, Behavioral Medicine, Tohoku University Graduate School of Medicine, Sendai, Japan

35) Abstract 1733

EFFECTS OF PREDONATION WATER LOADING ON SELF-REPORTED AND ACTUAL VASOVAGAL REACTIONS IN NOVICE BLOOD DONORS

Stephen M. Patterson, Lynne M. Rochette, Christopher R. France, Janis L. France, Psychology, Ohio University, Athens, Ohio, Aaron W. Rader, Central Ohio Region Blood Services, American Red Cross, Columbus, OH

36) Abstract 1549

PSYCHOPHYSIOLOGY OF HEART FAILURE: A KEY ROLE OF VITAL EXHAUSTION (VE)? RESULTS FROM THE MEDVIP 1- YEAR FOLLOW-UP

A. Cordes, B. Stanske, Psychosomatics, L. Binder, Clinical Chemistry, B. Pieske, Cardiology, M. M. Kochen, General Practice, University of Goettingen, Goettingen, Germany, C. Herrmann-Lingen, Psychosomatic Medicine, University of Marburg, Marburg, Germany

37) Abstract 1571

TRAUMA PREDICTING THE PROGRESSION OR PERSISTENCE OF CERVICAL DISEASE IN WOMEN CO-INFECTED WITH HIV AND HUMAN PAPILLOMAVIRUS(HPV)

Rachel C. Rose, Psychology, University of Miami, Coral Gables, FL, Deidre B. Pereira, Clinical and Health Psychology, University of Florida, Gainesville, FL, Michael H. Antoni, Psychology, University of Miami, Coral Gables, FL

38) Abstract 1574

AFFECTIVE RESPONSES TO EMOTIONAL SUPPORT: IMPACT ON HEALTH BEHAVIORS AND COPING EFFORTS IN HIV+ MEN

Jessica M. Boarts, Erin Fekete, Nathan T. Deichert, Abby Maloney, Jessica Zak, Douglas L. Delahanty, Psychology, Kent State University, Kent, OH

39) Abstract 1576

INFLAMMATION PREDICTS FATIGUE, QOL, AND SLEEP DISTURBANCE DURING CHEMOTHERAPY

Shamini Jain, Sonia Ancoli-Israel, Psychiatry, UC, San Diego, CA, Scott C. Roesch, Psychology, SDSU, San Diego, CA, Loki Natarajan, Biostatistics, Paul J. Mills, Psychiatry, UC, San Diego, CA

40) Abstract 1367

ASSOCIATIONS BETWEEN REPRESSIVE COPING AND ACUTE STRESS DISORDER IN CANCER PATIENTS

Anette F. Pedersen, Robert Zachariae, Anders Bonde Jensen, Hans von der Maase, Department of oncology, Aarhus University Hospital, Aarhus, Denmark, Ove Andersen, Department of infectious diseases, Hvidovre Hospital, Hvidovre, Denmark

41) Abstract 1327

COPING PROCESSES, SPIRITUAL WELL-BEING, AND HEART RATE VARIABILITY AMONG BREAST CANCER SURVIVORS

Carissa A. Low, Psychology, Julianne E. Bower, Psychiatry and Biobehavioral Sciences, UCLA, Los Angeles, CA, Elissa Epel, Psychiatry, Judith Moskowitz, Osher Center for Integrative Medicine, UCSF, San Francisco, CA

42) Abstract 1182

POSTTRAUMATIC GROWTH IN HISPANIC AND CAUCASIAN WOMEN WITH CERVICAL CANCER

Bruce W. Smith, Jennifer Bernard, Carrie Flanagan, Psychology, University of New Mexico, Albuquerque, New Mexico, Kathy B. Baumgartner, Epidemiology and Clinical Investigation Sciences, University of Louisville, Louisville, KY

43) Abstract 1143

A RANDOMIZED CONTROLLED TRIAL OF YOGA FOR WOMEN WITH BREAST CANCER UNDERGOING RADIATION TREATMENT

Kavita D. Chandwani, Bob Thornton, George H. Perkins, Edgardo Rivera, Banu K. Arun, Houston, Texas, HR Nagendra, NV Raghuram, Vivekananda Yoga Anusandhana Samsthana, SVYASA, Bangalore, Karnataka, India, Lorenzo Cohen, Depts of Behav Sci, Integrative Med, & Rad & Med Onc, The University of Texas M. D. Anderson Cancer Center, Houston, Texas

44) Abstract 1137

AN INVESTIGATION INTO LIFE EVENTS AND DIFFICULTIES, COPING STYLE AND PATTERNS OF EMOTIONAL EXPRESSION IN WOMEN WITH FUNCTIONAL VOICE DISORDERS (FVD)

Janet Baker, Psychiatry, Flinders University, Adelaide, SA, Australia, David Ben-Tovim, Epidemiology, Flinders Medical Center, Adelaide, SA, Australia, Andrew Butcher, Speech Pathology, Flinders University, Adelaide, South Australia, Australia, Adrian Esterman, Biostatistics, University of SA, Adelaide, SA, Australia, Kristin McLaughlin, Epidemiology, Flinders Medical Center, Adelaide, SA, Australia

45) Abstract 1808

DEPRESSION AND DIABETES - PATHWAYS STUDY

Elizabeth H. Lin, Center for Health Studies, Group Health Cooperative, Seattle, WA, Wayne J. Katon, Psychiatry, University of Washington Medical School, Seattle, Washington, Michael von Korff, Center for Health Studies, Group Health Cooperative, Seattle, Washington

46) Abstract 1201

EVIDENCE FOR ALTERED BIOSYNTHESIS OF PROGESTERONE TO ALLOPREGNANOLONE IN WOMEN WITH HISTORIES OF DEPRESSION

Rebecca R. Klatzkin, Psychology, A. Leslie Morrow, Kathleen C. Light, Susan S. Girdler, Psychiatry, University of North Carolina, Chapel Hill, North Carolina

47) Abstract 1282

META-ANALYSIS OF CORTISOL LEVELS DURING DEPRESSION

C. Stetler, G. E. Miller, M. Hill, Psychology, University of British Columbia, Vancouver, BC, Canada

48) Abstract 1325

THE RELATIONSHIP BETWEEN DEPRESSION AND ULCERATIVE COLITIS DISEASE ACTIVITY IS MODERATED BY AUTO-IMMUNE ANTIBODY STATUS AND ATTACHMENT STYLE

R. G. Maunder, J. J. Hunter, W. J. Lancee, Psychiatry, G. R. Greenberg, A. H. Steinhart, M. Silverberg, Gastroenterology, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, Canada

49) Abstract 1359

CHANGES IN BRAIN GLUCOSE METABOLISM AFTER COGNITIVE-BEHAVIOR THERAPY IN PATIENTS WITH PANIC DISORDER

Yojiro Sakai, Masami Nishikawa, Hiroaki Kumano, Noriyuki Sakamoto, Makoto Ohtani, Tomifusa Kuboki, Psychosomatic Medicine, University of Tokyo, Tokyo, Japan, Mirko Diksic, Neurology and Neurosurgery, McGill University, Montreal, Quebec, Canada

50) Abstract 1399

THE ASSOCIATIONS AMONG DEPRESSION HISTORY, LIFE STRESS, AND CORONARY ARTERY CALCIFICATION IN MIDLIFE WOMEN.

Joyce T. Bromberger, Epidemiology, Karen A. Matthews, Epidemiology, Psychology, Psychiatry, University of Pittsburgh, Pittsburgh, PA

51) Abstract 1524

CHANGES IN DEPRESSIVE SYMPTOMS PRECEDE CHANGES IN ADHERENCE TO ASPIRIN IN ACUTE CORONARY SYNDROME PATIENTS

Nina Rieckmann, Psychiatry, Ian Kronish, Medicine, Mount Sinai School of Medicine, New York, NY, Francois Lespérance, Department of Psychiatry, Centre Hospitalier de l'Université de Montréal, Montréal, QC, Canada, Matthew M. Burg, William Gerin, Karina W. Davidson, Medicine, Columbia University, New York, NY

52) Abstract 1554

RISK AND PROTECTIVE FACTORS ASSOCIATED WITH MATERNAL DEPRESSIVE SYMPTOMATOLOGY DURING THE EARLY YEARS OF PARENTHOOD

Jenn Leiferman, Preventive Medicine and Biometrics, University of Colorado Health Sciences Center, Denver, CO, Sarah Dauber, Pediatrics, Eastern Virginia Medical School, Norfolk, VA

53) Abstract 1493

THE NEURAL NETWORK OF MIRROR NEURON SYSTEM AND MENTALIZING IN ALEXITHYMIA

Yoshiya Moriguchi, Psychosomatic Research, National Institute of Mental Health, Kodaira, Tokyo, Japan, Takashi Ohnishi, Radiology, Natl Center Hosp of Mental, Nervous & Muscular Dis, Kodaira, Tokyo, Japan, Motonari Maeda, Sagamihara, Kanagawa, Japan, Gen Komaki, Psychosomatic Research, National Institute of Mental Health, Kodaira, Tokyo, Japan

54) Abstract 1602

BIOCHEMICAL AND BEHAVIORAL SIGNS ARE PRESENT IN A POST MYOCARDIAL INFARCT MODEL OF DEPRESSION IN THE RAT

Guy Rousseau, Pharmacology, Université de Montréal, Hôpital du Sacré-Coeur, Montréal, Québec, Canada

55) Abstract 1267

DIABETES, DEPRESSION & A1C: THE ROLE OF SELF-EFFICACY

William P. Sacco, Cathy A. Bykowski, Psychology, University of South Florida, Tampa, FL

7:15-8:15pm

Just Desserts Fundraising Event (By invitation) Quartz Room

Our way of saying "Thank you" to our new and continuing donors to the APS Fund.



Thursday, March 2, 2006

7:00am

Registration

Capitol Ballroom Foyer

7:00-8:00am

Breakfast Roundtable: Who is missing? Preparing for the Occurrence of Missing Data in Research

Maria Magdalena Llabre

Agate C

It is now recognized that the methods commonly used to deal with the pervasive problem of missing data in randomized clinical trials produce biased estimates of the parameters of change and may result in a loss of power. The bias results from the requirement of such methods that the missingness be due to a completely random process (MCAR), a requirement seldom satisfied in the real world. Newer methods for analyzing data in the presence of missing observations have less stringent assumptions about the missingness mechanism. The label used to describe the requirements of the newer methods, that data be missing at random (MAR), has led to confusion, as MAR means that missingness can be predicted from data at hand. Analytic methods that require MAR will benefit from the inclusion of variables that can differentiate participants who will have missing data on a particular variable versus those who will not. Data collection at baseline in a clinical trial becomes particularly important, as it can incorporate measures unrelated to the primary outcome, but related to missingness. As an example participants might be asked to report on their level of motivation for completion of the trial.

8:15-9:00am

President's Award Lecture: Functional Neuroimaging Insights into Brain-Body Interactions: Central Autonomic Integration in Health and Illness

Hugo D. Critchley (introduced by Richard Lane)

Capitol Ballroom 5-7

In studies using functional brain imaging physiological monitoring and neurological patients, we examined how human brain and body interact to guide behavior, influence emotion and facilitate voluntary action. We established that the dynamic control of internal bodily responses is integrated throughout the brain (not merely brainstem) and defined a 'general' system for integrating bodily arousal states with volitional and emotional behaviors. Coupled with response 'generators' are specific representations of internal state, providing the substrate for emotional feelings, including understanding of others. Within this broad framework there is remarkable specificity, both in contextual control of specific organs (e.g. pupil size in sadness) and in the different pathways conveying bodily information to the brain. The clinical significance of these mechanisms is highlighted.

9:00-9:45am

Herbert Weiner Early Career Award: The Heart and Soul Study

Mary A. Whooley (introduced by Robert M. Carney)

Capitol Ballroom 5-7

This presentation will describe the Heart & Soul study, a prospective cohort study designed to determine the mechanisms of association between depression and heart disease.

9:45-10:00am

Break

Capitol Ballroom Foyer

10:00-11:30am

3 Concurrent Sessions

Symposium 1220

MINDFULNESS-BASED INTERVENTIONS IN PSYCHOSOMATIC MEDICINE: A GENERIC APPROACH TO HELP PATIENTS COPE WITH CHRONIC DISORDER?

Chair: Paul Grossman

Mineral Hall D-E

Individual Abstract Number:1495

MINDFULNESS-BASED STRESS REDUCTION (MBSR) COMPARED TO CREATIVE ARTS IN CANCER OUTPATIENTS

Linda E. Carlson, Oncology/Psychology, University of Calgary & Tom Baker Cancer Centre, Sarah Cook, Laura Lansdell, Psychology, Michael Speca, Oncology, University of Calgary, Eileen Goodey, Psychosocial Resources, Tom Baker Cancer Centre, Sheila Garland, Psychology, University of Calgary

Individual Abstract Number:1422

MINDFULNESS MEDITATION IN THE TREATMENT OF ADDICTIVE BEHAVIORS WITHIN A PRISON POPULATION

G. Alan Marlatt, Psychology, University of Washington

Individual Abstract Number:1295

BENEFITS OF MEDITATION AND STRESS REDUCTION IN FIBROMYALGIA

Christopher Coe, Psychology, University of Wisconsin-Madison

Individual Abstract Number:1303

IMMEDIATE AND 3-YEAR LONG TERM EFFECTS OF A MINDFULNESS INTERVENTION FOR FIBROMYALGIA

Paul Grossman, Psychosomatic & Internal Medicine, University of Basel Hospital, Ulrike Tienthaler-Glimer, Psychology, University of Vienna, Annette Raysz, Psychology, University of Freiburg

Symposium 1101

PSYCHOBIOLOGY OF SOCIAL RELATIONSHIPS, STRESS PROTECTION AND DISEASE PROCESSES: ROLE OF OXYTOCIN

Chair & Discussant: Neil Schneiderman

Mineral Hall B-C

Individual Abstract Number:1161

NEUROPEPTIDES AND THE BENEFICIAL EFFECTS OF SOCIAL INTERACTIONS: LESSONS FROM PRAIRIE VOLES

Sue Carter, Psychiatry, University of Illinois at Chicago

Individual Abstract Number:1118

OXYTOCIN IS LINKED TO LOWER BLOOD PRESSURE AND SYMPATHETIC ACTIVITY BEFORE AND AFTER WARM CONTACT IN COUPLES AND MOTHER-INFANT DYADS

Kathleen C. Light, Karen M. Grewen, Psychiatry, University of North Carolina

Individual Abstract Number:1124

SOCIAL FACILITATION OF CUTANEOUS WOUND HEALING

Courtney DeVries, Erica R. Glasper, Psychology, Ohio State University

Individual Abstract Number:1109

THE ROLE OF CENTRAL AND PERIPHERAL OXYTOCIN IN THE PROGRESSION OF ATHEROSCLEROSIS IN THE WATANABE HERITABLE HYPERLIPIDEMIC RABBIT

Philip M. McCabe, JamesPaul Paredes, Angela Szeto, Neil Schneiderman, Psychology, University of Miami

Symposium 1558

SALIVARY ALPHA AMYLASE: NOVEL BIOMARKER OF STRESS OR A MARKER IN SEARCH OF MEANING?

Chair: Laura R. Stroud

Discussant: Douglas A. Granger

Mineral Hall A

Individual Abstract Number:1560

DETERMINANTS OF DIURNAL COURSE OF SALIVARY ALPHA-AMYLASE ACTIVITY

Urs M. Nater, Psychiatry & Behavioral Sciences, Emory University School of Medicine, Nicolas Rohleder, Psychology, Dresden University of Technology, Wolff Schlotz, MRC Epidemiology Resource Centre and Developmental B, Can Nakkas, Clinical Psychology & Psychotherapy, University of Zurich, Clemens Kirschbaum, Psychology, Dresden University of Technology, Ulrike Ehler, Clinical Psychology & Psychotherapy, University of Zurich

Individual Abstract Number:1561

EFFECTS OF CAFFEINE AND STRESS ON SALIVARY ALPHA-AMYLASE IN YOUNG MEN: A SALIVARY BIOMARKER OF SYMPATHETIC ACTIVITY

Laura C. Klein, Courtney A. Whetzel, Biobehavioral Health, Frank E. Ritter, Information Sciences & Technology, Douglas A. Granger, Biobehavioral Health, The Pennsylvania State University

Individual Abstract Number:1600

SALIVARY ALPHA-AMYLASE RESPONSE TO THE COLD PRESSOR IS CORRELATED WITH CARDIAC MARKERS OF SYMPATHETIC ACTIVATION

Sheila G. West, Douglas A. Granger, Katie T. Kivlighan, Katrina L. Hurston, Biobehavioral Health, Pennsylvania State University

Individual Abstract Number:1564

SALIVA ALPHA-AMYLASE STRESS REACTIVITY IN CHILDREN AND ADOLESCENTS: VALIDITY, ASSOCIATIONS WITH CORTISOL, AND LINKS TO BEHAVIOR

Laura R. Stroud, Psychiatry, Brown Medical School, Kathryn Handwerker, Psychology, Tufts University, Douglas Granger, Katie Kivlighan, Biobehavioral Health, Pennsylvania State University, Catherine Solomon, Psychiatry, Brown Medical School

Individual Abstract Number:1565

MATERNAL DEPRESSION AND SALIVARY ALPHA AMYLASE RESPONSE TO STRESS IN THEIR INFANTS

Alison K. Shea, Institute of Medical Sciences, University of Toronto, Meir Steiner, Women's Health Concerns Clinic, McMaster University, Patricia Brennan, Elaine Walker, Department of Psychology, Emory University, D. Jeffrey Newport, Zachary N. Stowe, Emory Women's Mental Health Program, Emory University School of Medicine

11:30am-12:45pm

Lunch on your own OR Roundtable Lunches

Roundtable 1: Mindfulness-Based Interventions In Psychosomatic Medicine

Paul Grossman, Linda Carlson, G. Alan Marlatt, and Christopher Coe

Granite A

This roundtable dialogue will provide a follow-up and in-depth discussion of the symposium, "Mindfulness based interventions in psychosomatic medicine." Emphasis will be placed not only upon emerging empirical evidence of efficacy, but also how the concept of mindfulness may contrast to current, common psychological, psychiatric and psychosomatic paradigms.

Roundtable 2: Psychobiology of Social Relationships, Stress Protection and Disease Processes: Role of Oxytocin

Neil Schneiderman

Mineral Hall F

This roundtable will discuss the putative role of oxytocin in the psychology of social relationships, stress protection, facilitation of wound healing and amelioration of atherosclerotic disease.

Roundtable 3: Salivary Alpha Amylase: Novel Biomarker of Stress or a Marker in Search of Meaning?

Laura Stroud

Agate A

This roundtable will provide a forum for follow-up discussion to the Symposium, "Salivary Alpha Amylase: Novel Biomarker of Stress or Marker in Search of Meaning?" The goal is to facilitate a *balanced* discussion of: a) what physiological systems might underlie AA responses, b) whether AA can be considered an additional marker for stress response, c) whether and how AA can be incorporated into psychosomatic research paradigms. Presenters from the

Thursday, March 2, 2006

AA symposium will be available for further questions; APS members are encouraged to discuss their perspectives, both positive and negative, on AA as a potential additional marker of stress response.

Roundtable 4: Building a Career in Behavioral/Psychosomatic Medicine from an MD's Perspective

Redford Williams, David Kupfer, and Michael Irwin

Granite C

Senior scholars in Behavioral Medicine will discuss issues associated with developing a career in behavioral medicine as an MD. Topics include, but are not limited to: 1) Getting the training you need (statistics, behavioral science), 2) Building collaborations with other behavioral scientists, and 3) Obtaining funding for your research.

11:30am-12:45pm

Psychosomatic Medicine Editorial Board Meeting

Mineral Hall G

12:45-2:45pm

3 Concurrent Sessions

Invited Symposium

THE ROLE OF THE BRAIN IN MEDIATING THE ESTABLISHED LINK BETWEEN DEPRESSION AND CARDIOVASCULAR MORTALITY

Chair: Richard Lane; Presenters: Hugo Critchley, Wayne Drevets, Nancy Frasure-Smith, John Gottdiener; Discussant: David Kupfer

Mineral Hall D-E

The goals of this symposium are to: 1. Review what is currently known about the association between depression and cardiovascular mortality and the mechanisms that link them; 2. Discuss the neural substrates of depression, as revealed by recent structural and functional neuroimaging research, and the association between the implicated structures and their role in regulating cardiovascular function; 3. Review recent findings from functional neuroimaging research in healthy volunteers and patients that specifically addresses interactions between brain activity and cardiovascular function in the context of emotion and stress; 4. Discuss the implications of these findings for clinical practice in cardiology, psychiatry and health psychology; 5. Begin to define promising directions for future research.

Individual Abstract

MENTAL STRESS AND SUDDEN CARDIAC DEATH: EFFERENT AND AFFERENT MECHANISMS

Hugo D. Critchley, Peter Taggart, Marcus Gray

Patients with specific psychiatric, neurological or cardiovascular conditions have enhanced risk of cardiac arrhythmia and death. The neurogenic mechanisms are increasingly apparent through integration of data from functional brain imaging, electrophysiological and patient studies.

In healthy subjects, brain regions implicated in normal and disordered emotional processing influence and control peripheral autonomic responses, including changes in cardiac rate and contractility. Within the brain, there is (cortical) lateralization of activity supporting emotional processing and generation of autonomic arousal. Lane and Jennings (1) proposed an association between functional hemispheric specialization and psychosomatic vulnerabilities, notably sudden cardiac death.

In the heart, homogeneity of myocardial repolarisation dictates the smoothness of the subsequent contraction. T-wave EKG measures of inhomogeneity are increased even in healthy subjects by emotional stress (2) and signal a more pro-arrhythmic state. Left-right imbalance in autonomic drive to the heart provides a putative mechanism through which strong emotional states (lateralized in the brain) may effect smoothness of repolarisation over the myocardial surface, predisposing to ventricular arrhythmia and sudden death.

We scanned cardiological patients at risk of stress induced ventricular arrhythmia during conditions of high and low stress while simultaneously indexing pro-arrhythmic cardiac changes (3) A left-right shift in lateralization of midbrain (and amygdala) activity predicted pro-arrhythmic EKG changes, suggesting that vulnerability to ventricular arrhythmia may arise from overspill of cortical and limbic neural drive to brainstem autonomic relays, perturbing regional autonomic control of cardiac muscle.

Subsequent investigations reveal the contribution of afferent visceral information (e.g. from an abnormal heart) to asymmetric autonomic and emotional brain responses. These findings directly inform psychosomatic risk in depression and anxiety disorder.

1. Lane, RD, Jennings JR (1995) Hemispheric asymmetry, autonomic asymmetry and the problem of sudden cardiac death. In: Davidson RJ, Hugdahl K, editors. Brain asymmetry. Cambridge (MA): MIT Press; p. 271-304.

2. Taggart P, et al. (2005) The effect of mental stress on the non-dipolar components of the T wave: modulation by hypnosis. *Psychosom Med.* 67:376-83.

3. Critchley HD, Taggart P, et al. (2005) Mental stress and sudden cardiac death: asymmetric midbrain activity as a linking mechanism. *Brain.* 128: 75-85.

Individual Abstract

NEURAL CORRELATES OF HEART-RATE VARIABILITY IN DEPRESSION

Wayne C Drevets, Allison C Nugent, Earle E Bain, Section on Neuroimaging in Mood and Anxiety Disorders, NIMH, NIH, Bethesda, MD; Julian F Thayer, John Sollers, Emotions and Quantitative Psychophysiology Unit, NIA, NIH, Bethesda, MD

Neuroimaging and neuropathological studies indicate that major depressive disorder (MDD) is associated with

abnormalities of structure and function in a “visceromotor” network formed by orbital and medial prefrontal cortical (OMPFC), limbic, and brainstem circuits that modulate autonomic, endocrine and behavioral aspects of emotional expression. The function of the components within this network that *modulate* emotional expression appears *impaired*, resulting in *disinhibition* of the function of limbic structures such as the amygdala that *mediate* emotional expression. The combined effects of disinhibited limbic function and impaired OMPFC function conceivably may account for the reduced parasympathetic tone and increased sympathetic tone on the heart rate (HR) reported in MDD.

To assess the neurophysiological correlates of autonomic dysregulation in MDD we applied convergence analysis to identify cerebral blood flow (CBF) changes that correlated with components of HR variability (HRV) *both* under a motor stressor (hand-grip at 3 strength levels) and a cognitive stressor (n-back task, for 1-, 2- and 3-back) (Critchley et al. Brain, 2003). The high-frequency (HF) and low frequency (LF) power components of HRV were modeled using Spike2 software. Regional CBF was measured using PET and continuous infusion $H_2^{15}O$ over 2 min scans.

A total of 14 MDD and 22 HC were imaged. The ECG spectral analysis showed no difference between groups *at baseline*. During the handgrip task the normalized HF component was reduced in depressives vs. controls ($p < .0001$), and the normalized LF component and LF/HF ratio were increased in depressives vs. controls ($p < .05$). In controls the HF component correlated positively to CBF in left anterior insula and left orbital cortex (OFC) and negatively to ventral anterior cingulate C (ACC). The LF component correlated negatively with CBF in right anterior insula and right OFC. The MDD vs. HC image contrasts are in progress.

The HF component is a putative index of cardiac parasympathetic vagal tone, while the LF component reflects mainly sympathetic tone. These data thus are compatible with other evidence showing increased sympathetic and decreased parasympathetic tone on the HRV in MDD.

Individual Abstract

THE EPIDEMIOLOGY OF DEPRESSION AND SUDDEN CARDIAC DEATH

Nancy Frasure-Smith

It is well-established that hospitalized patients with coronary heart disease (CHD), including post-myocardial infarction patients, patients with congestive heart failure, those recovering from attacks of unstable angina, and patients undergoing coronary bypass surgery or angioplasty show higher prevalences of elevated depressive symptoms (30 to 50%), as well as higher rates of major depression (15 to 20%), than people of similar age and sex living in the general community. While increased levels of depression are common in many chronic and acute illnesses, there is

evidence that the rates in CHD patients are of particular importance. An increasing body of epidemiological studies shows that depression is associated with worse prognosis in patients with established CHD (prognostic studies) and that depression may even increase the risks of developing CHD in initially healthy individuals (etiologic studies). At least a part of these associations are due to the adoption of risky behaviors by depressed individuals including smoking, lack of exercise and poor diet. However, several more direct pathophysiological mechanisms have been suggested including depression-related changes in inflammation, platelet function and autonomic balance. There is considerable animal and human laboratory data suggesting that activation of the sympathetic nervous system can dispose the heart to malignant arrhythmias and sudden cardiac death. Other studies have shown depression to be associated with reduced heart rate variability, and dysregulation of the HPA axis. Although early epidemiological studies suggested that arrhythmic deaths accounted for much of the depression-related mortality risk in CHD patients, most recent prognostic and etiologic research has not distinguished sudden cardiac deaths from overall cardiac or all cause mortality. This presentation will summarize the epidemiological data for and against the arrhythmic hypothesis.

Individual Abstract

CARDIOVASCULAR PATHOPHYSIOLOGY OF BEHAVIORALLY MEDIATED CARDIAC EVENTS: MENTAL STRESS AS A TRIGGER OF MYOCARDIAL ISCHEMIA, INFARCTION, AND SUDDEN DEATH

John S. Gottdiener

Emotional stress has long been recognized to be a trigger of angina, sudden death and myocardial infarction. Laboratory studies of cardiac physiologic effects of mental-emotional activation have demonstrated sympathetic activation, vagal withdrawal, epicardial coronary vasoconstriction, platelet activation, hypercoagulability, immune factor activation, as well as segmental left ventricular dysfunction and perfusion abnormality in patients with coronary artery disease (CAD). The magnitude of ischemia produced by mental stress is associated with behavioral traits (e.g defensiveness, hostility), and mental stress induced ischemia is associated with characteristics of ischemia during activities of daily life. Emotional stress and pleasure may directly influence endothelial function and hence blood flow regulation. Sudden emotional stress has been found to produce patterns of acute myocardial infarction and injury consistent with catecholamine induced cardiomyopathy. Depression and vital exhaustion both alter immune function in ways that promote progression of atherosclerosis, reduce atherosclerotic plaque stability, and facilitate ischemia, infarction and/or sudden death.

Alterations in ECG repolarization with brain injury, fatal arrhythmia, and myocardial injury have also been associated with severe brain injury. Patients with implanted cardiac defibrillators have increased device discharge during

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periods of environmental catastrophe, and possibly with high levels of mental activation. Mental stress also increases T wave alternans (a measure of abnormal cardiac repolarization) in CAD patients, potentially increasing vulnerability to fatal arrhythmia and sudden death. PET scan studies have shown associations of arrhythmic vulnerability measured by alterations in repolarization on surface ECG with abnormal midbrain lateralization of blood flow during mental-emotional arousal. In addition to adverse effects of sudden sympathetic activation, research suggests that vagal stimulation may produce myocardial depression as well as cardiac conduction abnormality. In summary, mental/emotional triggers modulated by behavioral characteristics in the presence of appropriate cardiovascular substrate are important in the adverse outcomes of CAD including sudden death. While much of this appears autonomically mediated, the role of the brain in modulating environmental emotional and mental stimuli remains to be defined. Interdisciplinary research utilizing a rich array of available non-invasive cardiac imaging and electrophysiologic methodology, brain imaging technology permitting localization of flow and metabolism changes, and standardized techniques for measurement of behavioral characteristics offer the potential for understanding interactions of brain, "mind", and the cardiovascular system in cardiovascular disease.

Symposium 1266

IT'S NOT THE GENES OR THE ENVIRONMENT,
STUPID; IT'S THE GENES AND THE ENVIRONMENT,
STUPID: GENE BY ENVIRONMENT INTERACTIONS,
PSYCHOSOCIAL RISK FACTORS AND
BIOBEHAVIORAL MECHANISMS

Chair: Stephen B. Manuck

Discussant: Peter G. Kaufmann

Mineral Hall B-C

Individual Abstract Number:1301

A BIVARIATE APPROACH TO THE GENETICS OF
CARDIO-VASCULAR STRESS REACTIVITY: STRESS
UNCOVERS GENETIC VARIANCE

Eco J. De Geus, Nina Kupper, Dorret I. Boomsma, *Biological Psychology, Vrije Universiteit, Harold Snieder, Georgia Prevention Institute, Medical College of Georgia*

Individual Abstract Number:1281

MONOAMINE OXIDASE A (MAOA) PROMOTER
POLYMORPHISM MODERATES EFFECTS OF
CHRONIC STRESS ON URINARY CORTISOL AND
CATECHOLAMINE EXCRETION IN MALE
CAREGIVERS

Redford B. Williams, *Psychiatry & Behavioral Sciences, Stephan Zuchner, Richard S. Surwit, Ilene C. Siegler, Beverly Brummett, Psychiatry and Behavioral Sciences, Duke University Medical Center, Cynthia M. Kuhn, Pharmacology, Duke University Medical Center, Allison E. Ashley-Koch, Melanie E. Kail, Medicine, Duke University Medical Center*

Individual Abstract Number:1304

MAO-UVNTR IS RELATED TO CNS SEROTONERGIC
FUNCTION, GLUCOSE METABOLISM, BMI AND
HOSTILITY

Richard S. Surwit, Ilene C. Siegler, *Psychiatry and Behavioral Sciences, Cynthia M. Kuhn, Pharmacology, Michael J. Helms, Redford B. Williams, Psychiatry and Behavioral Sciences, Duke University Medical Center*

Individual Abstract Number:1316

A GENE-ENVIRONMENT INTERACTION MODEL OF
STRESS-INDUCED HYPERTENSION

Harold Snieder, Yanbin Dong, Gregory A. Harshfield, Frank A. Treiber, *Georgia Prevention Institute, Medical College of Georgia*

Paper Session

CANCER & HIV: BIOLOGICAL, PSYCHOLOGICAL
AND SOCIAL CORRELATES

Chair: Marzio Sabbioni

Mineral Hall A

Abstract 1404

SOCIAL SUPPORT AND CYTOKINE PRODUCING T-
CELL POPULATIONS IN THE OVARIAN CANCER
MICROENVIRONMENT

Susan Lutgendorf, *Psychology, U. of Iowa, Iowa City, IA, Anil Sood, Gyn Oncology, MD Anderson, Houston, TX, Koen DeGeest, Barrie Anderson, OB/Gyn, Heena Maseri, Stephanie McGinn, Psychology, David Lubaroff, Urology, U. of Iowa, Iowa City, IA*

Abstract 1801

STRESS SENSITIVITY IN METASTATIC BREAST
CANCER

David Spiegel, *Psychiatry and Behavioral Sciences, Janine Giese-Davis, Psychiatry, Stanford University, Sandie Sephton, Psychological and Brain Sciences, University of Louisville, Maya Yutsis, Helena Kraemer, Psychiatry, Stanford University*

Abstract 1701

INSULIN RESISTANCE AND HPA AXIS
DYSREGULATION IN WOMEN WITH METASTATIC
BREAST CANCER

Elissa S. Epel, *Psychiatry, USCF, San Francisco, CA, Janine Giese-Davis, Stanford University, Palo Alto, CA, Sandie Sephton, University of Louisville, Louisville, KY, David Spiegel, Stanford University, Palo Alto, CA*

Abstract 1738

PERSONALITY AND HIV: THE RELATIONSHIP BE-
TWEEN NEO-PI-R PERSONALITY DOMAINS AND
FACETS AND DISEASE PROGRESSION IN HIV OVER 4
YEARS.

Gail H. Ironson, *Psychology/Psychiatry/Behavioral Medicine, Conall M. O'Cleirigh, Psychology, University of Miami, Coral Gables, FL, Paul T. Costa, Jr., NIA, NIH, Bethesda, MD, Mary Ann Fletcher, Medicine, University of Miami, Miami, FL, Neil Schneiderman, Psychology/Medicine, University of Miami, Coral Gables, FL*

Abstract 1740

PRELIMINARY EVIDENCE FOR PARALLEL
DYSREGULATION ACROSS COPING, IMMUNE, AND

PHYSIOLOGICAL RESPONSE SYSTEMS IN PATIENTS FROM AN HIV PRIMARY CARE CLINIC

Lydia Temoshok, *Medicine, University of Maryland School of Medicine, Baltimore, MD*, Rebecca L. Wald, *Behavioral Medicine, Alfredo Garzino-Demo, Basic Sciences, Institute of Human Virology, Baltimore, MD*, Shari R. Waldstein, *Psychology, University of Maryland Baltimore County, Baltimore, MD*, James A. Wiley, *Public Research Institute, San Francisco State University, San Francisco, CA*

Abstract 1178

PSYCHOLOGICAL DISTRESS AND HIV PATHOGENESIS: ROLE OF CYTOTOXIC T-CELL ACTIVATION AND INFLAMMATORY CYTOKINE PRODUCTION

Jeffrey Greeson, *Maria Llabre, Nancy Klimas, Peter Lawrence, Alex Gonzalez, Pedro Martin, Neil Schneiderman, Barry Hurwitz, Behavioral Medicine Research Center, University of Miami, Miami, FL*

Abstract 1383

A TEN-SESSION INTERDISCIPLINARY PSYCHOEDUCATIONAL INTERVENTION HELD BY ONCOLOGISTS IMPROVES SATISFACTION WITH CARE AND DECREASES ANXIETY IN CANCER PATIENTS

Verena Huemmeler, *Harald O. Guendel, Psychooncology, Technical University, Munich, Germany*

Abstract 1700

SOCIAL INHIBITION MODERATES THE EFFECTS OF A COGNITIVE-BEHAVIORAL STRESS MANAGEMENT (CBSM) INTERVENTION ON RECOVERY FROM PROSTATE CARCINOMA: A LATENT GROWTH CURVE ANALYSIS

Scott Siegel, *Frank Penedo, Maria Llabre, Neil Schneiderman, Michael Antoni, Psychology, University of Miami, Coral Gables, FL*

2:45-3:00pm

Break

Capitol Ballroom Foyer

3:00-4:00pm

3 Concurrent Sessions

Symposium 1346

RECENT CLINICAL TRIALS FOR DEPRESSION IN PATIENTS WITH CORONARY HEART DISEASE

Chair: Nancy Frasurre-Smith
Discussant: Peter G. Kaufmann

Mineral Hall D-E

Individual Abstract Number:1347

PREDICTORS OF DEPRESSION AND SOCIAL SUPPORT OUTCOMES IN THE ENRICHD STUDY

Matthew M. Burg, Medicine, Yale University, for the ENRICHD Investigators

Individual Abstract Number:1348

EFFECTS OF ANTIDEPRESSIVE THERAPY FOR THE TREATMENT OF DEPRESSION FOLLOWING MYOCARDIAL INFARCTION: RESULTS FROM THE MYOCARDIAL INFARCTION AND DEPRESSION

INTERVENTION TRIAL (MIND-IT)

Peter de Jonge, Joost p. van Melle, Adriaan Honig, Aart Schene, Harry Crijns, Johan Ormel, Psychiatry, University of Groningen

Individual Abstract Number:1349

A RANDOMIZED CLINICAL TRIAL OF NONPHARMACOLOGICAL TREATMENTS FOR DEPRESSION AFTER CORONARY ARTERY BYPASS GRAFT SURGERY

Kenneth E. Freedland, Judith A. Skala, Robert M. Carney, William B. Howells, Eugene H. Rubin, Psychiatry, Washington University

Symposium 1687

BREATHING TRAINING AS A PSYCHOBIOLOGICAL INTERVENTION FOR ANXIETY DISORDER AND ORGANIC DISEASE

Chair: Thomas Ritz
Discussant: Paul Grossman

Mineral Hall A

Individual Abstract Number: 1694

COMBINED HEART RATE VARIABILITY AND PULSE OXIMETRY BIOFEEDBACK FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE

Nicholas D. Giardino, Psychiatry, University of Michigan, Ann Arbor, MI

Individual Abstract Number:1708

THE THERAPEUTIC EFFECT OF DEVICE-GUIDED PACED BREATHING IN HYPERTENSION AND CONGESTIVE HEART FAILURE

Benjamin Gavish, InterCure Ltd., Lod, Israel

Individual Abstract Number:1690

PCO2 BIOFEEDBACK-ASSISTED BREATHING TRAINING FOR PANIC DISORDER AND ASTHMA: RATIONALE AND EMPIRICAL FINDINGS

Alicia E. Meuret, Thomas Ritz, Psychology, Southern Methodist University, Frank H. Wilhelm, Psychology, University of Basel, James L. Abelson, Psychiatry, University of Michigan, Ann Arbor, MI, Walton T. Roth, Psychiatry, Stanford University and VA Palo Alto HCS

Paper Session

HORMONAL AND HEMOTOLOGIC RESPONDING: DYNAMICS AND PREDICTORS

Chair: Suzanne Segerstrom

Mineral Hall B-C

Abstract 1219

INFLAMMATORY AND PLATELET RESPONSES TO REPEATED MENTAL STRESS: INDIVIDUAL STABILITY AND HABITUATION OVER TIME

Mark Hamer, Emily Williams, Raisa Vuononvirta, Andrew Steptoe, Psychobiology, University College London, London, United Kingdom, E L. Gibson, School of Human and Life Sciences, Roehampton University, London, United Kingdom

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Abstract 1540

STRESS, AWAKENING TIME, WEEKEND VERSUS WEEKDAY SAMPLING, AND ADHERENCE ISSUES IN THE STUDY OF THE CORTISOL AWAKENING RESPONSE (CAR)

Philip D. Evans, Angela Clow, Frank Hucklebridge, Lisa Thorn, Psychophysiology and Stress Research Group, University of Westminster, London, UK

Abstract 1757

DAY-TO-DAY DYNAMICS OF NATURALISTIC MOOD-CORTISOL ASSOCIATIONS IN A POPULATION-BASED SAMPLE OF OLDER ADULTS

Emma K. Adam, Education and Social Policy, Northwestern University, Evanston, IL, Louise Hawkey, John T. Cacioppo, Psychology, University of Chicago, Chicago, IL

Abstract 1754

DECREASING DISTRESS IN PREGNANT LATINA WOMEN

Joan I. Cohen, School of Nursing, UCLA

4:00-4:15pm

Break

Capitol Ballroom Foyer

4:15-5:15pm

3 Concurrent Sessions

Symposium 1647

RACISM: RISK FACTORS, PSYCHOSOCIAL MECHANISMS, AND CARDIOVASCULAR CORRELATES

*Chair: Elizabeth Brondolo
Discussant: Julian F. Thayer*

Mineral Hall B-C

Individual Abstract Number:1654

RACISM AND AMBULATORY BLOOD PRESSURE IN A COMMUNITY SAMPLE

Elizabeth Brondolo, Daniel Libby, Psychology, St. John's University, Danielle Beatty, Psychology, City University New York, Andrea Cassells, Jonathan Tobin, Clinical Directors Network

Individual Abstract Number:1653

RACISM AND NEGATIVE MOOD: ANALYSES OF TRAIT AND DIARY MEASURES OF MOOD

Nisha Brady, Shola Thompson, Melissa Weinstein, Elizabeth Brondolo, Psychology, St. John's University, Andrea Cassells, Jonathan Tobin, Clinical Directors Network

Individual Abstract Number:1651

SOCIODEMOGRAPHIC VARIATIONS IN EXPOSURE TO RACISM

Robin L. Wellington, Ysaira Bautista, Psychology, St. John's University, Catherine Cubbin, Daniel Rivera, Clinical Directors Network

Symposium 1153

THE USE OF NON-INVASIVE ELECTROGASTROGRAPHY (EGG) IN STUDIES OF

BRAIN-GUT INTERACTIONS: PHYSIOLOGICAL BASIS, PSYCHOPHYSIOLOGICAL RELATIONSHIPS, AND CLINICAL APPLICATIONS

Chair: Max E. Levine

Mineral Hall A

Individual Abstract Number:1154

ELECTROGASTROGRAPHY: PHYSIOLOGICAL BASIS AND CLINICAL APPLICATIONS

Kenneth L. Koch, Internal Medicine, Wake Forest University School of Medicine

Individual Abstract Number:1156

EFFECTS OF STRESS ON THE GASTROINTESTINAL SYSTEM

Eric R. Muth, Psychology, Clemson University

Individual Abstract Number:1157

PERCEIVED CONTROL AND PREDICTABILITY: PSYCHOSOCIAL INFLUENCES ON THE DEVELOPMENT OF GASTRIC TACHYARRHYTHMIA AND VECTION-INDUCED NAUSEA

Max E. Levine, Internal Medicine and Psychology, Wake Forest University

Individual Abstract Number:1159

GASTRIC SLOW WAVE FREQUENCY AS A TOOL TO INVESTIGATE CENTRAL CONTROL DURING DIFFERENT COGNITIVE AND BEHAVIORAL TASKS

Karin Meissner, Institute of Medical Psychology, University of Munich

Symposium 1236

IMMUNE-TO-BRAIN COMMUNICATION: THE INFLUENCE OF CYTOKINES ON BRAIN ACTIVITY AND COGNITIVE FUNCTION

Chair: Anna L. Marsland

Mineral Hall D-E

Individual Abstract Number:1249

IMMUNE-TO-BRAIN COMMUNICATION: IMPLICATIONS FOR UNDERSTANDING COGNITIVE DISORDERS

Steven F. Maier, Psychology, University of Colorado

Individual Abstract Number:1593

THE ROLE OF PRO-INFLAMMATORY CYTOKINES IN MEMORY PROCESSES

Raz Yirmiya, Psychology, The Hebrew University

Individual Abstract Number:1239

INTERFERON-ALPHA THERAPY IS ASSOCIATED WITH ALTERED INFORMATION PROCESSING IN PATIENTS WITH CHRONIC HEPATITIS C

Lucile Capuron, Universite Bordeaux 2

Individual Abstract Number:1382

INTERLEUKIN-6 COVARIES INVERSELY WITH COGNITIVE PERFORMANCE AMONG MIDDLE-AGED COMMUNITY VOLUNTEERS

Anna L. Marsland, Karen L. Petersen, Psychology, University of Pittsburgh, Janine D. Flory, Psychiatry, Mount Sinai School of Medicine, Matthew F. Muldoon, Clinical Pharmacology, University of Pittsburgh School of Medicine, Serina A. Neumann, Psychology, University of Pittsburgh, Stephen B. Manuck, Psychology, University of Pittsburgh

5:15-6:30pm

Poster Session I

Capitol Ballroom 1-4

1) Abstract 1243

THE ASSOCIATION BETWEEN FATIGUE AND INFLAMMATORY MARKER LEVELS IN CANCER PATIENTS: A META-ANALYSIS

Christian Schubert, Medical Psychology and Psychotherapy, Innsbruck Medical University, Innsbruck, Austria, Suzi Hong, Department of Psychiatry, Loki Natarajan, Department of Family and Preventive Medicine, Joel E. Dimsdale, Department of Psychiatry, University of California, San Diego, La Jolla, California

2) Abstract 1398

SLEEP QUALITY AND SALIVARY CORTISOL IN OVARIAN CANCER PATIENTS

Derek G. Turesky, Susan Lutgendorf, Aliza Weinrib, Heena Maiseri, Psychology, Koen De Geest, Barrie Anderson, OB/Gyn, University of Iowa, Iowa City, IA, Anil Sood, Gyn/Onc, MD Anderson, Houston, TX, Frank Penedo, Vanessa Lehner, Psychology, University of Miami, Coral Gables, FL, Clemens Kirschbaum, Psychology, Dresden University of Technology, Dresden, Germany

3) Abstract 1370

DISEASE-RELATED SELF-EFFICACY AND RISK OF FEBRILE NEUTROPENIA IN CANCER PATIENTS

Robert Zachariae, Anette F. Pedersen, Psychooncology Research Unit, University of Aarhus, Aarhus, Denmark, Anders Bonde Jensen, Hans von der Maase, Department of oncology, Aarhus University Hospital, Aarhus, Denmark, Ove Andersen, Department of infectious diseases, Hvidovre Hospital, Hvidovre, Denmark

4) Abstract 1352

ILLNESS PERCEPTIONS AND POST-TREATMENT DISTRESS AND BEHAVIOR CHANGES AMONG WOMEN WITH BREAST CANCER

Erin S. Costanzo, Susan K. Lutgendorf, Mary Mattes, Psychology, University of Iowa, Iowa City, IA, Shruti Trehan, Oncology, Aultman, Canton, OH

5) Abstract 1326

PSYCHOSOCIAL FACTORS AND NKT CELLS IN OVARIAN CANCER PATIENTS

Donald M. Lamkin, Susan Lutgendorf, Psychology, U. of Iowa, Iowa City, IA, Anil Sood, Gynecologic Oncology, MD Anderson, Houston, TX, Stephanie McGinn, Heena Maiseri, Psychology, Koen De Geest, Barrie Anderson, Obstetrics and Gynecology, David Lubaroff, Urology, U. of Iowa, Iowa City, IA

6) Abstract 1271

COPING STYLES PREDICT LONG TERM DISTRESS IN GYNECOLOGICAL CANCER SURVIVORS

Elizabeth Mullen, Aliza Weinrib, Psychology, Barrie Anderson, Gynecologic Oncology, Susan Lutgendorf, Psychology, University of Iowa, Iowa City, IA

7) Abstract 1265

COGNITIVE EFFECTS OF BREAST CANCER TREATMENT IN POST-MENOPAUSAL WOMEN

Felice A. Tager, Paula McKinley, Ulya Habif, Lina D'Orazio, Claire Golden, Marge Frosch, Sandra Kuhl, Behavioral Medicine, Freya Schnabel, Surgery, Dawn Hershman, Medicine, Columbia University, New York, NY

8) Abstract 1168

EFFECTS OF APPRAISAL OF CANCER PATIENTS' HEALTH STATUS ON SOCIAL CONSTRAINTS

Michele Herzer, Sandra G. Zakowski, Clinical Psychology, Rosalind Franklin University of Medicine and Science, North Chicago, IL

9) Abstract 1329

COMPARISON OF PSYCHIATRIC SYMPTOMS BETWEEN TOTAL MASTECTOMY AND BREAST CONSERVING SURGERY IN BREAST CANCER PATIENTS

Hyun-Gyun Son, Psychiatry, Lee Su Kim, General Surgery, Hallym University, College of Medicine, Seoul, Korea, South

10) Abstract 1415

CHILDREN'S DISTRESS AND COMMUNICATION WITHIN THE FAMILY WHEN ONE PARENT IS TREATED FOR CANCER

Silla M. Consoli, Mathilde Paradis, Nicole Pelicier, C-L psychiatry, Georges Pompidou European Hospital, Paris, France, Virginie Lucas, Medical Oncology and Haematology, Hopital de la Source, Orleans, France, Raymond Jian, Gastro-enterology, Jean-Marie Andrieu, Oncology, Georges Pompidou European Hospital, Paris, France

11) Abstract 1429

STRESS REACTIVITY, RESPONSE TO DERMATOLOGICAL TREATMENT AND LEVELS OF EMOTIONAL AWARENESS IN PATIENTS SUFFERING FROM PSORIASIS

Silla M. Consoli, C-L Psychiatry, Georges Pompidou European Hospital, Paris, France, Sophie Rolhion, Dermatology, Caroline Martin, Public Health, Karine Ruel, Frederic Cambazard, Dermatology, Jacques Pellet, Psychiatry, Laurent Misery, Dermatology, University Hospital, St Etienne, France

12) Abstract 1717

MOOD AND ANXIETY DISORDERS IN WOMEN WITH SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)

Elizabeth A. Bachen, Psychology, Mills College, Oakland, CA, Margaret A. Chesney, NCCAM, NIH, Bethesda, MD, Heather M. Stone, Rebecca K. McDowell, Leticia S. Padilla, Psychology, Mills College, Oakland, CA, Lindsey A. Criswell, Medicine, UCSF, San Francisco, CA

13) Abstract 1636

DEVELOPMENTAL ASPECTS OF ALEXITHYMIA: A JAPANESE COMMUNITY BASED STUDY

Gen Komaki, Yoshiya Moriguchi, Psychosomatic Research, National Institute of Mental Health, Kodaira, Tokyo, Japan, Motonari Maeda, Art and Design, Joshibi University of Art and Design, Sagami-hara, Kanagawa, Japan

14) Abstract 1448

REPRESSIVE COPING AND QUALITY OF LIFE IN A BEHAVIORAL WEIGHT MANAGEMENT PROGRAM

Sooyeon Suh, Monica L. Jefferson, Andrea K. Busby, Charles F. Emery, Psychology, Ohio State University, Columbus, OH

Thursday, March 2, 2006

15) Abstract 1200

EFFECTS OF EMOTIONAL SELF-MONITORING ON WEIGHT LOSS SELF-EFFICACY AMONG BEHAVIORAL WEIGHT MANAGEMENT PROGRAM PARTICIPANTS

Andrea K. Busby, Monica L. Jefferson, Sooyeon Suh, Charles F. Emery, Psychology, Ohio State University, Columbus, OH

16) Abstract 1575

RACE MAY MODERATE THE ASSOCIATION BETWEEN THE SEROTONIN TRANSPORTER GENE PROMOTER POLYMORPHISM (5HTTLPR) AND NEOPI-R PERSONALITY DOMAINS

Charles R. Jonassaint, Psychology, Redford B. Williams, Psychiatry and Medicine, Allison Ashley-Koch, Medicine, Ilene C. Siegler, Psychiatry, Christopher L. Edwards, Psychiatry and Medicine, Duke University Medical Center, Durham, NC, Keith E. Whitfield, Biobehavioral Health, Pennsylvania State University, University Park, PA

17) Abstract 1601

HOSTILITY PSYCHOMETRICS: USING TRAIT SCALES TO PREDICT DAILY LEVELS OF HOSTILE MOOD AND INTERACTIONS

Elizabeth Vella, Thomas W. Kamarck, Stephen Manuck, Psychology, University of Pittsburgh, Pittsburgh, PA, Janine D. Flory, Psychiatry, Mt Sinai School of Medicine, New York, NY, Todd Bear, Psychology, University of Pittsburgh, Pittsburgh, PA

18) Abstract 1500

THE EFFECTS OF DISTRACTION THROUGH THE SPEECH TASK

Saea Iida, Naho Ichikawa, Hideki Ohira, Psychology, Nagoya University, Nagoya, Aichi, Japan

19) Abstract 1758

MEASURING LIFE EVENT STRESS: LESS IS MORE

Louise C. Hawkey, Psychology, Dingcai Cao, Health Studies, John T. Cacioppo, Psychology, University of Chicago, Chicago, IL

20) Abstract 1218

THE EFFECTS OF HABITUAL COFFEE INTAKE ON CIRCULATING VON WILLEBRAND FACTOR RESPONSES TO MENTAL STRESS

Mark Hamer, Raisa Vuononvirta, Andrew Steptoe, Psychobiology, University College London, London, United Kingdom

21) Abstract 1225

INCREASED EMOTIONAL DISTRESS IN CARDIAC PATIENTS WITH A TYPE D PERSONALITY: THE INFLUENCE OF MARITAL STATUS

Krista C. Van den Broek, Elisabeth J. Martens, Susanne S. Pedersen, Medical Psychology, Tilburg University, Tilburg, The Netherlands, Pepijn H. Van der Voort, Cardiology, Catharina Hospital, Eindhoven, The Netherlands, Johan Denollet, Medical Psychology, Tilburg University, Tilburg, The Netherlands

22) Abstract 1229

DEPRESSION AND CARDIOVASCULAR MORBIDITY IN THE MEDICARE HEALTH OUTCOMES STUDY

Lawson R. Wulsin, Psychiatry, Kai Hu, Samuel Huang, Engineering, Jeffrey Welge, Psychiatry, University of Cincinnati, Cincinnati, Ohio

23) Abstract 1231

SOCIAL SUPPORT AND EJECTION FRACTION PREDICT CARDIOVASCULAR REACTIVITY TO MENTAL STRESS IN PATIENTS WITH IMPLANTED DEFIBRILLATORS

Christoph Herrmann-Lingen, Bernhard Lache, Psychosomatic Medicine, Philipp's University, Marburg, Germany

24) Abstract 1252

SPECIFIC COPING STYLES PREDICT CARDIOVASCULAR REACTIVITY IN COMMON LABORATORY STRESSORS

Matthew C. Whited, Kevin T. Larkin, Psychology, West Virginia University, Morgantown, WV

25) Abstract 1190

FEASIBILITY OF RECRUITING DEPRESSED PATIENTS WITH CORONARY ARTERY DISEASE FOR A RANDOMIZED PSYCHOTHERAPY INTERVENTION TRIAL

Christian Albus, Psychosomatics, University, Cologne, Germany, Hans-Christian Deter, Psychosomatics, Charite, Berlin, Germany, Kurt Fritzsche, Psychosomatics, University Hospital, Freiburg, Germany, Jochen Jordan, Psychosomatics, University, Frankfurt, Germany, Jana Jünger, Psychosomatics, University, Heidelberg, Germany, Karl-Heinz Ladwig, Psychosomatics, Tech University, Munich, Germany, Michael Mück-Weymann, Psychosomatics, Tech University, Dresden, Germany, Gerhard Schmid-Ott, Psychosomatics, Medical School, Hannover, Germany, Christoph Herrmann-Lingen, Psychosomatics, University, Marburg, Germany

26) Abstract 1192

ASSOCIATION OF PSYCHOSOCIAL FACTORS WITH A NEW RISK CHART FOR THE PRIMARY PREVENTION OF CARDIOVASCULAR DISEASES OF THE EUROPEAN SOCIETY OF CARDIOLOGY

Christian Albus, Kathrin Ehren, Psychosomatics, Moritz Hahn, Statistics, University Clinic, Cologne, Germany, Birna Bjarnason-Wehrens, Sports Medicine, German Sports University, Cologne, Germany, Detlef Gysan, Cardiological Practice, AmKaRe, Cologne, Germany, Joachim Latsch, Sports Medicine, German Sports University, Cologne, Germany, Christian Schneider, Cardiology, University Clinic, Cologne, Germany, Hans Georg Predel, Sports Medicine, German Sports University, Cologne, Germany

27) Abstract 1277

CHRONIC STRESS, ACUTE STRESS, AND PRECLINICAL MARKERS OF CARDIOVASCULAR DISEASE IN FEMALE ADOLESCENTS

Teresa J. Marin, Gregory E. Miller, Psychology, University of British Columbia, Vancouver, British Columbia, Canada

28) Abstract 1241

A SYSTEMATIC REVIEW OF CARDIOVASCULAR ADVERSE EVENTS IN SSRI ANTIDEPRESSANT TRIALS INVOLVING HIGH RISK PATIENTS

J. Robert Swenson, Steve Doucette, Dean Fergusson, Epidemiology, Ottawa Health Research Institute, Ottawa, Ontario, Canada

29) Abstract 1138

DETERMINANTS OF QUALITY OF LIFE IN PATIENTS WITH CHRONIC HEART FAILURE

Thomas Müller-Tasch, Nicole Holzapfel, Dieter Schellberg, *Psychosomatics, Christian Zugck, Cardiology, University Hospital, Heidelberg, Germany, Markus Haass, Cardiology, Theresienkrankenhaus, Mannheim, Germany, Jana Jünger, Psychosomatics, University Hospital, Heidelberg, Germany*

30) Abstract 1024

CLINICAL VS. EPIDEMIOLOGICAL INFERRANCE OF CAUSALITY & THE 50% - 90% CONUNDRUM

Mark W. Ketterer, *Behavioral Health, Henry Ford Hospital/WSU, Detroit, MI*

31) Abstract 1027

PSYCHOSOCIAL OUTCOMES IN A SECONDARY PREVENTION SETTING: ROLE OF ETHNICITY AND SOCIOECONOMIC STATUS

Lephuong Ong, *Psychology, York University, Toronto, ON, Canada, Adrienne H. Kovacs, Cardiology, University Health Network, Toronto, ON, Canada, Judy Lin, Medicine, University of Toronto, Toronto, ON, Canada, Caroline Chessex, Cardiology, University Health Network, Toronto, ON, Canada*

32) Abstract 1034

DEMOGRAPHIC AND PSYCHOSOCIAL FACTORS AFFECT TREATMENT EXPECTATIONS IN A CARDIAC POPULATION.

Sabine Johnson, KAHS, Lephuong Ong, Jill Stanley, *Psychology, Paul Ritvo, KAHS, York University, TO, ON, Canada, Paul Dorian, David Newman, Cardiology, St. Michael's Hospital, TO, ON, Canada, Louise Harris, Cardiology, Toronto General Hospital, TO, ON, Canada, Samuel Sears, Psychology, University of Florida, Gainesville, FL, Robert Cribbie, Jane Irvine, Psychology, York University, TO, ON, Canada*

33) Abstract 1048

THE ADVERSE EFFECT OF TYPE D PERSONALITY ON FAILURE TO CONSULT FOR CARDIAC SYMPTOMS IN CHF

Angelique A. Schiffer, Johan Denollet, *Medical Psychology, Tilburg University, Tilburg, the Netherlands, Jos W. Widdershoven, Eric H. Hendriks, Cardiology, TweeSteden Hospital, Tilburg, the Netherlands, Otto R. Smith, Medical Psychology, Tilburg University, Tilburg, the Netherlands*

34) Abstract 1054

PREVALENCE OF PTSD AND PREDICTORS OF POST-TRAUMATIC STRESS IN FIRST-TIME MYOCARDIAL INFARCTION PATIENTS

Lina Wiedemar, Jean-Paul Schmid, Hugo Saner, *Cardiology, Roland von Känel, Cardiology and General Internal Medicine, University Hospital, Berne, Switzerland*

35) Abstract 1193

CHRONIC AND EPISODIC PSYCHOLOGICAL DETERMINANTS OF QUALITY OF LIFE IN CHRONIC HEART FAILURE

Otto R. Smith, Angelique A. Schiffer, *Medical Psychology, Tilburg University, Tilburg, Netherlands, Jobst B. Winter, Cardiology, Tweesteden Hospital, Tilburg, Netherlands, Johan Denollet, Medical Psychology, Tilburg University, Tilburg, Netherlands*

36) Abstract 1199

SEX DIFFERENCES IN THE PREVALENCE OF PSYCHIATRIC DISORDERS IN 2262 PATIENTS REFERRED FOR NUCLEAR STRESS TESTING

Philippe R. Stébenne, *Nuclear Medicine / Psychology, Montreal Heart Institute / UQAM, Montreal, QC, Canada, Simon L. Bacon, Nuclear Medicine/Exercise Science, Montreal Heart Institute/Concordia University, Montreal, Quebec, Canada, Roxanne Pelletier, Nuclear Medicine/ Psychology, Montreal Heart Institute/UQAM, Montreal, Quebec, Canada, Andre Arsenaault, Bernard Meloche, Richard Fleet, Nuclear Medicine, Montreal Heart Institute, Montreal, Quebec, Canada, Kim L. Lavoie, Nuclear Medicine, Psychology, Montreal Heart Institute/UQAM, Montreal, Quebec, Canada*

37) Abstract 1144

EFFECTS OF GENDER, AGE, AND MOOD STATE ON EXPECTATION OF RESTENOSIS AFTER CORONARY BYPASS SURGERY

Rebecca L. Reese, *Psychology, Kenneth E. Freedland, Judith A. Skala, Robert M. Carney, Psychiatry, Washington University, St. Louis, MO*

38) Abstract 1163

ASSOCIATIONS BETWEEN MOOD AND ANXIETY DISORDERS AND ENDOTHELIAL FUNCTION IN PATIENTS UNDERGOING MYOCARDIAL PERFUSION IMAGING: A PILOT STUDY

K L. Lavoie, *Nuclear Medicine, Psychology, Montreal Heart Institute UQAM, Montreal, Quebec, Canada, S L. Bacon, P R. Stébenne, R Pelletier, B Meloche, Nuclear Medicine, Montreal Heart Institute, Montreal, Quebec, Canada, J Veldhuijzen van Zanten, Sportex, U Birmingham, Birmingham, UK, S Barone, A Arsenaault, Nuclear Medicine, Montreal Heart Institute, Montreal, Quebec, Canada*

39) Abstract 1170

THE IMPACT OF ANXIETY DISORDERS ON EXERCISE STRESS TEST PERFORMANCE: ARE THEY AS IMPORTANT AS DEPRESSION?

R Pelletier, *Nuclear Medicine, Psychology, Montreal Heart Institute, UQAM, Montreal, Quebec, Canada, S L. Bacon, Nuclear Medicine, Exercise Science, Montreal Heart Institute, Concordia, Montreal, Quebec, Canada, P Stébenne, Nuclear Medicine, Psychology, Montreal Heart Institute, UQAM, Montreal, Quebec, Canada, A Arsenaault, B Meloche, R P. Fleet, Nuclear Medicine, Montreal Heart Institute, Montreal, Quebec, Canada, K L. Lavoie, Nuclear Medicine, Psychology, Montreal Heart Institute, UQAM, Montreal, Quebec, Canada*

40) Abstract 1184

EVIDENCE FOR ENDOTHELIAL DYSFUNCTION IN POSTTRAUMATIC STRESS DISORDER

Roland von Känel, *General Internal Medicine, University Hospital, Berne, Switzerland, Urs Hepp, Rafael Traber, Bernd Kraemer, Psychiatry, Ladislav Mica, Marius Keel, Trauma Surgery, Ulrich Schnyder, Psychiatry, University Hospital, Zurich, Switzerland*

41) Abstract 1185

THE CYTOKINE PROFILE IN POSTTRAUMATIC STRESS DISORDER SUGGESTS A LOW-GRADE SYSTEMIC PROINFLAMMATORY STATE

Roland von Känel, *General Internal Medicine, University Hospital, Berne, Switzerland, Urs Hepp, Bernd Kraemer, Rafael Traber, Psychiatry, Marius Keel, Ladislav Mica, Trauma Surgery, Ulrich Schnyder, Psychiatry, University Hospital, Zurich, Switzerland*

42) Abstract 1275

EFFECTS OF ACUTE MENTAL STRESS ON PLASMA VOLUME IN PATIENTS WITH HEART FAILURE

S. L. Bacon, Exercise Science, Concordia University, Montreal, QC, Canada, K. Johnson, R. Trivedi, Psychiatry & Behav Sci, DUMC, Durham, NC, A. Hinderliter, Medicine, UNC-CH, Chapel Hill, NC, J. A. Blumenthal, A. Sherwood, Psychiatry & Behav Sci, DUMC, Durham, NC

43) Abstract 1091

DO MEN AND WOMEN DIFFER ON MEASURES OF PSYCHOLOGICAL STRESS INDUCED ISCHEMIA?

Kaki M. York, Qin Li, Haihong Li, Roger Fillingim, Dorian Lucey, Melinda Bestland, Gainesville, FL, David S. Sheps, Medicine, University of Florida/North Florida South Georgia VA, Gainesville, FL

44) Abstract 1657

SHORT-TERM COGNITIVE-BEHAVIORAL STRESS MANAGEMENT PROGRAM EFFICACY IN CARDIAC PATIENTS

Margarita Beresnevaite, Cardiology, Rasa Raugaliene, Kaunas University of Medicine Institute of Cardiology, Kaunas, Lithuania

45) Abstract 1095

FURTHER FINDINGS ON A SOCIAL REGULATION MODEL OF HOSTILITY

Kenneth M. Prkachin, Psychology, University of Northern British Columbia, Prince George, British Columbia, Canada, Peter A. Hall, Simon B. Sherry, Psychology, University of Saskatchewan, Saskatoon, Saskatchewan, Canada

46) Abstract 1463

ANXIETY ENHANCES THE PERCEPTION OF ANGRY FACES

Glenda C. Prkachin, Psychology, University of Northern British Columbia, Prince George, British Columbia, Canada

47) Abstract 1543

SEROTONIN SYNTHESIS EVALUATION WITH ALPHA-METHYL-L-TRYPTOPHAN IMAGING

M. Diksic, Neurology and Neurosurgery, McGill University, Montreal, QC, Canada

48) Abstract 1020

ANTIPSYCHOTICS IN THE TREATMENT OF DELIRIUM: A REVIEW OF PROSPECTIVE TRIALS

Dallas P. Seitz, Psychiatry, Sudeep S. Gill, Geriatric Medicine, Louis T. van Zyl, Psychiatry, Queen's University, Kingston, Ontario, Canada

49) Abstract 1535

STRESS-BUFFERING VERSUS STRESS-ENHANCING EFFECTS OF CLOSE RELATIONSHIPS AMONG CURRENTLY DEPRESSED AND NEVER-DEPRESSED WOMEN

Jill M. Cyranowski, Ellen Frank, Tara L. Hofkens, Psychiatry, University of Pittsburgh, Pittsburgh, PA

50) Abstract 1308

IS ACCULTURATION ASSOCIATED WITH SOMATISATION IN DISTRESSED WOMEN OF PAKISTANI ORIGIN LIVING IN UK?

Nasim Chaudry, Barbara Tomenson, Francis Creed, Psychiatry, University of Manchester, Manchester, UK

51) Abstract 1031

COMORBIDITY BETWEEN CARDIAC DISEASE AND PSYCHIATRIC MORBIDITY IN THE ELDERLY COMMUNITY POPULATION

Valeska Marinho, Sergio L. Blay, Sergio B. Andreoli, Department of Psychiatry, Federal University of São Paulo, UNIFESP, São Paulo, SP, Brazil, Fabio L. Gastal, Department of Tropical Medicine, Federal University of Minas Gerais, UFMG, São Paulo, SP, Brazil

52) Abstract 1224

CARDIOVASCULAR RESPONSES TO SOCIAL STRESS AMONG POSTMENOPAUSAL WOMEN WITH VICTIMIZATION HISTORIES

Ivy K. Ho, Psychology, Cincinnati Children's Hospital, Cincinnati, OH, Tamara L. Newton, Psychological and Brain Sciences, University of Louisville, Louisville, KY

53) Abstract 1492

WEST NILE VIRUS AND CONVERSION DISORDER: CASE REPORT

Catherine G. Chung, Adekola O. Alao, Psychiatry, SUNY Upstate Medical University, Syracuse, New York

54) Abstract 1273

INFLUENCE OF PERSONALITY ON BEHAVIORAL AND CARDIOVASCULAR RESPONSE TO CHOLECYSTOKININ-TETRAPEPTIDE IN HEALTHY VOLUNTEERS

Diana Koszycki, Jakov Shlik, Jacques Bradwejn, Psychiatry, University of Ottawa, Ottawa, Ontario, Canada

55) Abstract 1646

LEPTIN DURING A MENTAL STRESS PROTOCOL IS RELATED TO ADIPOSITY AND GENDER

Gregory Harshfield, Martha Wilson, Lynne Mackey, Delores Gillis, Kimberly Norland, Pediatrics, Medical College of Georgia, Augusta, GA

56) Abstract 1582

RACE DIFFERENCES IN THE NATRIURETIC RESPONSE TO PROLONGED STRESS IN ADOLESCENTS

Gregory Harshfield, Martha Castles, Lynne Mackey, Delores Gillis, Kimberly Norland, Pediatrics, Medical College of Georgia, Augusta, GA

57) Abstract 1750

EFFECTS OF EXERCISE ON DEPRESSIVE SYMPTOMS IN HYPERTENSIVE PATIENTS

Patrick J. Smith, James A. Blumenthal, Andrew Sherwood, Psychiatry and Behavioral Sciences, Duke University, Durham, NC, Alan Hinderliter, Cardiology, University of North Carolina, Chapel Hill, NC, Michael Babyak, Psychiatry and Behavioral Sciences, Duke University, Durham, NC

58) Abstract 1749

SUBJECTIVE SOCIOECONOMIC STATUS IS A STRONGER PREDICTOR OF AMBULATORY BLOOD PRESSURE THAN IS OBJECTIVE SOCIOECONOMIC STATUS IN A SAMPLE OF MEXICAN IMMIGRANTS

Marcus Green, Patrick R. Steffen, Psychology, Brigham Young University, Provo, UT

59) Abstract 1739

THE EFFECT OF A HIGH FAT VERSUS A LOW FAT MEAL ON CARDIOVASCULAR REACTIVITY

Tavis S. Campbell, Fabijana Jakulj, Kristin Zernicke, Brenda Key, Laura van Wielingen, Psychology, University of Calgary, Calgary, AB, Canada, Simon L. Bacon, Exercise Science, Concordia University, Montreal, QC, Canada

60) Abstract 1728

THE EFFECT OF SELF-PACED PROGRAMMED INSTRUCTIONS VS TRADITIONAL METHODS OF EDUCATION ON BLOOD PRESSURE KNOWLEDGE IN HYPERTENSIVES

Juhee Jhalani, Tanya Goyal, Thomas G. Pickering, Gbenga Ogedegbe, William Gerin, General Medicine, Columbia University Medical Center, New York, NY

61) Abstract 1596

EFFECTS OF PASSIVE LEG RAISE AND AMBULATORY BLOOD PRESSURE ON HEAT PAIN SENSITIVITY

Maxim D. Lewkowski, Psychology, McGill University, Montreal, Qc, Canada, Pierre Rainville, Département de stomatologie, Université de Montréal, Montreal, Qc, Canada, Gary H. Duncan, Département de stomatologie, Université de Montréal, Montréal, Qc, Canada, Jennifer Russell, Blaine Ditto, Psychology, McGill University, Montreal, Qc, Canada

62) Abstract 1712

POWER THREATS LINKED TO AGONISTIC STRIVING AND HIGH BLOOD PRESSURE IN URBAN YOUTH

Craig K. Ewart, Psychology, Syracuse University, Syracuse, NY, Marta Kadziolka, Psychology, Syracuse University, 13244, NY, Mi M. Ditmar, Rachel Herman, Psychology, Syracuse University, Syracuse, NY

63) Abstract 1685

INTERNAL CONSISTENCY RELIABILITY OF CARDIOVASCULAR REACTIVITY TO STRESS

Robert M. Kelsey, Shelley Gabel, Olivia White, Pediatrics, Sidney Ornduff, Psychiatry, Bruce S. Alpert, Pediatrics, University of Tennessee Health Science Center, Memphis, TN

64) Abstract 1684

INTERLEUKIN-10 LEVELS AND HEMODYNAMIC RESPONSE FOLLOWING MENTAL STRESS

Matheen A. Khuddus, Chris B. Arant, Kaki York, Haihong Li, Roger Fillingim, Elaine Beem, Robert Kolb, Qin Li, Melinda T. Bestland, Mark S. Segal, David S. Sheps, Medicine, University of Florida/North Florida South Georgia VA, Gainesville, Florida

65) Abstract 1555

TASK PERFORMANCE AND ATTITUDES AFFECT SEX DIFFERENCES IN PRESSURE NATRIURESIS IN TEENS

Martha Castles, Kimberly Norland, Delores Gillis, Lynne Mackey, Gregory Harshfield, Pediatrics, Medical College of Georgia, Augusta, GA

66) Abstract 1573

THE EFFECTS OF HOSTILITY AND DEFENSIVENESS ON CARDIOVASCULAR ACTIVITY

Jules P. Harrell, Psychology, Howard University, Washington, DC, Rachel Andre, Psychology, University of Florida, Gainesville, Florida, Leah J. Floyd, School of Public Health, Morgan State University, Baltimore, Maryland, Sonia R. Bell, Ina N. Daniels, Anastasia Amuzu, Psychology, Howard University, Washington, DC

67) Abstract 1661

HIGHER NEGATIVE EMOTION EXPRESSION IS ASSOCIATED WITH SLOWER BLOOD PRESSURE RECOVERY FROM A STRESSFUL TASK AMONG OLDER PEOPLE

Jianping Zhang, Psychiatry and Psychology, Cleveland Clinic Foundation, Cleveland, OH, Peter P. Vitaliano, Psychiatry and Behavioral Sciences, University of Washington, Seattle, WA, Joshua Dyer, Psychology, Indiana University Purdue University Indianapolis, Indianapolis, IN

68) Abstract 1050

CAFFEINE IN COFFEE EXAGGERATES POSTPRANDIAL GLUCOSE AND INSULIN IN TYPE 2 DIABETES

James D. Lane, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC, Allen L. Hwang, School of Medicine, Durham, NC, Mark N. Feinglos, Medicine, Richard S. Surwit, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC

69) Abstract 1085

IMPROVEMENT IN SEXUAL FUNCTIONING IN DEPRESSED DIABETIC PATIENTS TREATED WITH WELLBUTRIN XL®

Gregory S. Sayuk, Ray E. Clouse, Internal Medicine, Billy D. Nix, Psychiatry, Monique M. Williams, Internal Medicine, Patrick J. Lustman, Psychiatry, Washington University School of Medicine, St. Louis, Missouri

70) Abstract 1088

PREDICTORS OF PREMATURE ANTIDEPRESSANT DISCONTINUATION IN DEPRESSED PATIENTS WITH TYPE 2 DIABETES: THE IMPORTANT ROLE OF RACE AND EDUCATION LEVEL

Monique M. Williams, Internal Medicine, Patrick J. Lustman, Billy D. Nix, Psychiatry, Gregory S. Sayuk, Ray E. Clouse, Internal Medicine, Washington University School of Medicine, St. Louis, Missouri

71) Abstract 1317

HOSTILITY MODERATES THE EFFECT OF CAREGIVING ON FASTING PLASMA GLUCOSE

Beverly H. Brummett, Ilene C. Siegler, Psychiatry and Behavioral Sciences, Cynthia Kuhn, Department of Pharmacology and Cancer Biology, Richard S. Surwit, Redford B. Williams, Department of Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC

72) Abstract 1279

CHANGES IN DEPRESSIVE SYMPTOMS ARE UNRELATED TO GLYCEMIC CONTROL IN DIABETES

Anastasia Georgiades, James D. Lane, Mark N. Feinglos, Nancy Zucker, Richard S. Surwit, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC

73) Abstract 1264

DEPRESSION IN DIABETES: CONSEQUENCE RATHER THAN CAUSE

Mirjam J. Knol, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands, Eibert R. Heerdink, Antoine C. Egberts, Olaf H. Klungel, Utrecht Institute for Pharmaceutical Sciences, Utrecht University, Utrecht, The Netherlands, Kees J. Gorter, Diederick E. Grobbee, Huibert Burger, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands

Thursday, March 2, 2006

74) Abstract 1087

SALIVARY DHEA-S COLLECTION METHODS USING PASSIVE DROOL VS. PLAIN COTTON SWAB SALIVETTES

Courtney A. Whetzel, Douglas A. Granger, Laura C. Klein, *Biobehavioral Health, Penn State University, University Park, PA*

75) Abstract 1172

DHEA-S AND CORTISOL RESPONSES TO STRESS AND CAFFEINE IN HEALTHY YOUNG MEN: IS DHEA-S A RELIABLE MARKER FOR STRESS?

Courtney A. Whetzel, *Biobehavioral Health, Frank E. Ritter, Information Science and Technology, Psychology, Laura C. Klein, Biobehavioral Health, Penn State University, University Park, PA*

76) Abstract 1474

PLASMA LEVELS OF AGOUTI-RELATED PROTEIN(AGRP) ARE INCREASED IN ANOREXIA NERVOSA

Junko Moriya, *Stress Science and Psychosomatic Medicine, University of Tokyo, Tokyo, Japan, Yoshiyuki Takimoto, Stress Science and Psychosomatic Medicine, University of Tokyo, Tokyo, Japan, Kazuhiro Yoshiuchi, Stress Science and Psychosomatic Medicine, Tatsuo Simosawa, Clinical Laboratory Center, Hiroaki Kumano, Akira Akabayashi, Stress Science and Psychosomatic Medicine, University of Tokyo, Tokyo, Japan*

77) Abstract 1299

ARE STRESS-INDUCED CORTISOL CHANGES DURING PREGNANCY ASSOCIATED WITH POSTPARTUM DEPRESSIVE SYMPTOMS?

Ulrike Ehlert, Aiki Bratsikas, Ada Nierop, *Clinical Psychology and Psychotherapy, University of Zurich, Zurich, Switzerland, Roland Zimmermann, Dep. of Obstetrics, University Hospital Zurich, Zurich, Switzerland*

78) Abstract 1664

IMPACT OF DEPRESSION AND ANXIETY ON QUALITY OF LIFE IN INFLAMMATORY BOWEL DISEASE (IBD)

Leighann Litcher-Kelly, Arthur A. Stone, *Psychiatry, Stony Brook University, Stony Brook, NY*

79) Abstract 1730

FUNCTIONAL BRAIN NETWORKS DURING EXPERIENCE AND ANTICIPATION OF VISCERAL DISCOMFORT IN IRRITABLE BOWEL SYNDROME(IBS)

Jennifer S. Labus, Bruce D. Naliboff, Steve M. Berman, *Psychiatry, Lin Chang, Medicine, University of California, Los Angeles, California, James H. Fallon, Anatomy and Neurobiology, University of California, Irvine, California, Emeran A. Mayer, Medicine, University of California, Los Angeles, California*

80) Abstract 1680

ROLE OF SEROTONIN TRANSPORTER GENE POLYMORPHISM IN SYMPTOMS OF IRRITABLE BOWEL SYNDROME

Shin Fukudo, Tomoko Mizuno, Yuko Kawano, Michiko Kano, *Motoyori Kanazawa, Behavioral Medicine, Masashi Aoki, Yasuto Itoyama, Neurology, Tohoku University Graduate School of Medicine, Sendai, Japan*

81) Abstract 1625

PRELIMINARY ANALYSIS OF COGNITIVE FUNCTIONING IN A LARGE SAMPLE OF LIVER TRANSPLANT CANDIDATES

Tina Meyer, Kia Crittenden, Anne Eshelman, Marwan Abouljoud, *Transplant Institute, Henry Ford Health System, Detroit, MI*

82) Abstract 1525

THE EFFECT OF STRESS ON FUNCTIONAL GASTROINTESTINAL SYMPTOMS - A STRUCTURAL EQUATION MODELLING APPROACH

Urs M. Nater, *Psychiatry & Behavioral Sciences, Emory University School of Medicine, Atlanta, GA, Changiz Mohiyeddini, Clinical Psychology & Psychotherapy, University of Zurich, Zurich, Katharina Pinnekamp, Kerstin Suarez, Ulrike Ehlert, Clinical Psychology & Psychotherapy, University of Zurich, Zurich, Switzerland*

83) Abstract 1297

PSYCHIATRIC DISORDER AND EXTRA-INTESTINAL SYMPTOMS IN A POPULATION BASED-SAMPLE OF IRRITABLE BOWEL SYNDROME

Francis Creed, *Psychiatry, University of Manchester, Manchester, UK, Tony Lembo, Mohammed Zaman, G-I, Harvard, Boston, MA, Robert Krueger, Genetics, University of Minnesota, Minneapolis, MN, Barbara Tomenson, Psychiatry, University of Manchester, Manchester, UK*

84) Abstract 1209

THE IMPACT OF COMORBID PAIN ON TREATMENT OUTCOMES FOR A TELEPHONE-BASED COLLABORATIVE CARE STRATEGY FOR TREATING PANIC AND GENERALIZED ANXIETY DISORDER

Carrie Farmer Teh, *Health Policy, Harvard University, Boston, MA, Bea Herbeck Belnap, Fang Zhu, Bruce L. Rollman, Medicine, University of Pittsburgh, Pittsburgh, PA*

85) Abstract 1189

DISRUPTION OF CIRCADIAN AUTONOMIC RHYTHM DISTINGUISHES FIBROMYALGIA PATIENTS AMONG A CLINICAL SAMPLE OF PATIENTS WITH PAIN SYNDROMES

Anthony Charuvastra, *Adult Psychiatry, UCLA Semel Institute of Neuroscience and Human Behav, Los Angeles, CA, Elizabeth Charuvastra, Los Angeles, CA, Stuart Silverman, David Silver, Rheumatology, UCLA/Cedars-Sinai, Beverly Hills, CA, William Shell, Los Angeles, CA*

86) Abstract 1022

A COMPUTER ADMINISTERED AND SCORED TEST TO VALIDATE THE COMPLAINT OF CHRONIC PAIN

Nelson H. Hendler, *Neurosurgery, Johns Hopkins University School of Medicine, Stevenson, Maryland, Allison Baker, Mensana Clinic, Stevenson, Maryland*

87) Abstract 1062

ANGER MANAGEMENT STYLE, INHIBITION/EXPRESSION OF ANGER, AND SYMPTOM-SPECIFIC REACTIVITY IN CHRONIC PAIN PATIENTS

John W. Burns, Amanda Holly, *Psychology, Rosalind Franklin University of Medicine and Science, North Chicago, IL*

88) Abstract 1132

A TRIAL OF EXTERNAL QIGONG THERAPY FOR IMPROVING THE SYMPTOMS OF FIBROMYALGIA SYNDROME

Afton L. Hassett, Medicine, UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, Faxiang Hou, Qigong Research Society, Mount Laurel, New Jersey, Alan S. Lichtbroun, Medicine, Kevin W. Chen, Psychiatry, UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ

89) Abstract 1194

AN INVESTIGATION INTO THE EFFECTS OF THE CO₂ CHALLENGE TEST ON INDICES OF THE HYPOTHALAMIC PITUITARY ADRENAL AXIS AND SYMPATHETIC NERVOUS SYSTEM

Kavita Vedhara, MRC HSRC, University of Bristol, Clifton, Bristol, UK, Stafford Lightman, Anna Crown, University Research Centre for Neuroendocrinology, Mark Wetherell, MRC HSRC, University of Bristol, Bristol, UK

90) Abstract 1509

REDISTRIBUTION OF IMMUNE CELLS IS REGULATED DEPENDING ON SITUATIONS: FROM THE RELATIONSHIP BETWEEN LEARNING AND IMMUNE SYSTEM

Kenta Kimura, Tokiko Isowa, Hideki Ohira, Department of Psychology, Nagoya University, Nagoya-city, Aichi-ken, Japan

91) Abstract 1150

DISCLOSURE CONSTRAINTS FOLLOWING EMOTIONAL AROUSAL: EFFECTS ON CARDIOVASCULAR REACTIVITY TO SUBSEQUENT STRESS

Kathi L. Heffner, Lynne M. Rochette, Psychology, Ohio University, Athens, OH

92) Abstract 1374

AFFECTIVE STARTLE MODULATION AND CARDIOVASCULAR STRESS REACTIVITY TYPES IN ANGER PRONE SUBJECTS

Miriam Rudat, Psychosomatic Medicine and Psychotherapy, Cora S. Weber, Hans C. Deter, Psychosomatic Medicine, Charité Universitätsmedizin Campus Benjamin Franklin, Berlin, Germany

93) Abstract 1696

INTERPERSONAL DEPENDENCY AND PHYSIOLOGICAL REACTIVITY TO INTERPERSONAL LOSS

H. Mei Ng, Kathi L. Heffner, Psychology, Ohio University, Athens, OH, Robert F. Bornstein, Psychology, Gettysburg College, Gettysburg, PA

94) Abstract 1499

INFLUENCE OF ATTENTION MANIPULATION ON COGNITION, EMOTION, AND AUTONOMIC RESPONSES

Hiroki Murakami, Hideki Ohira, Psychology, Nagoya University, Nagoya, Aichi, Japan

95) Abstract 1176

TIME COURSE EFFECTS OF UNCONTROLLABLE ACUTE STRESS ON IMMUNE AND CARDIOVASCULAR RESPONSES

Tokiko Isowa, Nursing, Mie Prefectural College of Nursing, Tsu, Mie, Japan, Hideki Ohira, Psychology, University of Nagoya, Nagoya, Aichi, Japan, Seikou Murashima, Hematology, Mie Prefectural College of Nursing, Tsu, Mie, Japan

96) Abstract 1337

LOVE AFFECTS MOOD, AUTONOMIC NERVOUS AND ENDOCRINE SYSTEMS

Matsunaga Masahiro, Psychology, Nagoya University, Nagoya, Japan, Yamauchi Taeko, Konagaya Toshihiro, Internal Medicine, Aichi Medical University School of Medicine, Nagakute, Japan, Ohira Hideki, Psychology, Nagoya University, Nagoya, Japan

97) Abstract 1187

PHYSIOLOGICAL CORRELATES OF INTERPERSONAL MISTREATMENT IN WOMEN

Rebecca A. Weigel, Tamara L. Newton, Department of Psychological and Brain Sciences, University of Louisville, Louisville, Kentucky

98) Abstract 1227

THE PRESENCE OF SPOUSE/PARTNER DURING ACUTE STRESS TESTING ATTENUATES CARDIOVASCULAR REACTIVITY IN WOMEN

Anna C. Phillips, Douglas Carroll, School of Sport and Exercise Sciences, University of Birmingham, Birmingham, West Midlands, UK, Kate Hunt, Geoff Der, MRC Social and Public Health Sciences Unit, University of Glasgow, Glasgow, Scotland, UK

128) Abstract 1457 (moved from Poster Session II)

SOCIAL SUPPORT AND OTHER PROTECTIVE PSYCHOLOGICAL FACTORS AMONG CARDIAC PATIENTS

Grant Grissom, Psychological Testing, Polaris Health Directions, Fairless Hills, PA, Michael Valan, Psychiatry, California Pacific Medical Center2, San Francisco, CA

129) Abstract 1455 (moved from Poster Session II)

ASSESSMENT OF PSYCHOSOCIAL RISK FACTORS IN CARDIAC PATIENTS: DESCRIPTION OF AN INNOVATIVE SYSTEM AND PRELIMINARY FINDINGS

Michael Valan, Psychiatry, California Pacific Medical Center, San Francisco, CA, Grant Grissom, Psychological Testing, Polaris Health Directions, Fairless Hills, PA

6:30-7:30pm

Mentor / Mentee Reception

Agate Room

(followed by an organized dinner at 7:45pm for trainees/students at a local restaurant, Marlowe's. See page 5)

7:30pm

Past Leaders Dinner Meeting (By invitation)

Granite Room

Friday, March 3, 2006

7:00am

Registration Opens
Capitol Ballroom Foyer

7:00-8:00am

Breakfast Roundtable: Statistical Guidelines for
Psychosomatic Medicine
Michael A. Babyak and Kenneth E. Freedland
Agate C

Psychosomatic Medicine implemented a new set of statistical guidelines in 2005. The initial guidelines concern 1) how statistical methods and results are reported, 2) directional hypothesis tests, 3) artificial categorization of continuous variables, 4) automated selection regression models, 5) covariables and covariate adjustment, and 6) model validation. The guidelines have been very well received, although occasional controversies have arisen about some of them. During the year that they have been in effect, they have helped to raise the methodological quality of research reported in the journal. Additional guidelines are planned for testing interactions, subgroup analyses in clinical trials, and multiple testing procedures. The session will be led by two of the journal's associate editors. They will discuss the guidelines, answer questions, and seek feedback from the participants about existing and planned guidelines.

8:00-8:50am

President's Address: Neural Substrates of Implicit and Explicit Emotional Processes: A Unifying Framework for Psychosomatic Medicine
Richard D. Lane, President, APS
(introduced by Peter Shapiro, President-Elect, APS)
Capitol Ballroom 5-7

There are two broad trends in psychosomatic medicine research that relate emotions to physical disease outcomes. One is that negative affect has deleterious effects on health whereas positive affect has salubrious effects. The other is that interference with the experience or expression of negative affect somehow intensifies deleterious health consequences. Given that psychometric measures of self-reported negative affect are among our most popular research tools, we may be overemphasizing one tradition at the expense of the other. In this talk, I hope to show that a brain-based approach can reconcile these two perspectives and provide direction for research in our field. The talk will consist of three parts. In Part 1, a psychological model called "levels of emotional awareness" will be presented. This cognitive-developmental model holds that the ability to become consciously aware of one's own feelings is a cognitive skill that goes through a developmental process similar to that which Piaget described for other cognitive functions. The developmental process consists of the

transition from unconscious or implicit to conscious or explicit processing, with explicit emotional processing having a modulatory effect on implicit processes. Empirical findings using the Levels of Emotional Awareness Scale will be presented. In Part 2, a parallel hierarchical model of the neural substrates of emotional experience will be presented supported by recent neuroimaging work. It will be argued that the neural substrates of implicit and explicit emotional processes are distinct. The neural substrates of implicit aspects of emotion and three distinguishable aspects of explicit emotional processing will be reviewed: background feelings, focal attention to feelings and reflective awareness of feelings. In Part 3, the implications of this psychobiological model for research in psychosomatic medicine will be presented, including the importance of studying sustained emotional states, the need to develop state and trait measures of emotion processing deficits, the need for use of implicit emotion measures as independent variables, and the need to integrate body-based with more traditional therapeutic approaches.

9:00-11:00am

Invited Plenary Symposium: Brain, Mind, Body & Soul:
At the Frontiers of Psychosomatic Medicine
Chair: Michael Scheier; Presenters: Stuart Derbyshire,
David Kupfer, Phil McCabe, and Lynda Powell
Capitol Ballroom 5-7

Individual Presentation

The Brain in Pain: Why Does the Ghost of Descartes Still Haunt Us?

Stuart Derbyshire

A series of studies have demonstrated that noxious stimulation results in a pattern of brain activation generally including the thalamus and anterior cingulate, insula, prefrontal and somatosensory cortices. There is good evidence that individual structures within this pattern are responsible for particular components of pain experience such as the localisation of the pain or its affective quality. The subjectivity of pain, however, is not merely the aggregate of active brain regions but is a negotiated experience dependent upon interactions with other people. It is through these interactions that Descartes continues to haunt us.

Individual Presentation

Medical Burden and Depression (Chicken or the Egg)

David Kupfer

This presentation will review the current state of knowledge regarding bi-directional links between medical burden and depression and highlight questions that can, and should be addressed, by empirical research. In essence, the question should not be "Which comes first?" but should be driven by one's specific research interest, whether it be "How does medical burden influence risk for depression?" or "How does depression influence the risk of chronic disease?"

Individual Presentation

Social environment, Endocrine, and Vascular Mechanisms in the Progression of Atherosclerosis in the Watanabe Heritable Hyperlipidemic Rabbit

Phil McCabe

This presentation will describe our findings that a stable social environment, as opposed to an unstable environment or social isolation, slows the progression of atherosclerosis in animals genetically predisposed to development of disease. We will also present data that suggest circulating peptides may attenuate disease by antagonizing vascular oxidative stress and inflammatory processes.

Individual Presentation

Frontiers in Linking the Soul to the Health of the Body/
Mind/Brain

Lynda Powell

This presentation will review evidence for an association between religiousness/spirituality and physical health and suggest that the frontier is not whether or not this association exists but in solving the puzzle about why it exists. It will then argue that a key mechanism for this association is the link between spirituality and effective stress coping.

11:00-11:15am

Break

Capital Ballroom Foyer

11:15am-12:15pm

Invited Plenary Session: Functional Neuroanatomy and Psychophysiology of Emotion Regulation

James Gross (introduced by Richard Lane)

Capitol Ballroom 5-7

What is emotion regulation and why is it important? This session will review the history of the field of emotion regulation, and present a unifying conceptual framework for studying emotion regulatory processes. Using this framework, this session will draw upon behavioral, autonomic, and neuroimaging data to shed light on specific forms of emotion regulation, and conclude by considering possible health consequences of different forms of emotion regulation.

12:15-1:30pm

Lunch on your own OR Roundtable Lunches

Roundtable 5: Psychosocial Factors and Diet: Mechanisms and Outcomes

Lana Watkins, Anastasia Georgiade and Sheila West

Mineral Hall G

During this roundtable, we will lead an informal discussion of the current evidence linking distress with abnormal eating patterns, and of potential pathways linking eating patterns to increased risk. Creative ways to evaluate the contribution of psychosocial factors to diet in psychosomatic research will be a focus of this roundtable discussion.

Roundtable 6: Integrative Medicine Research: Challenges and Opportunities

Susan Lutgendorf, Lorenzo Cohen, and Margaret Chesney
Mineral Hall F

Many biobehavioral medicine researchers are interested in investigating complementary/alternative or integrative medicine (CAM) treatment modalities and how they can be applied within a psychosomatic medicine framework. There are many obstacles to this new area of research including methodological challenges, institutional and academic acceptance, and funding opportunities. Rigorous studies investigating CAM and biobehavioral models are very much needed. This roundtable will provide the opportunity to discuss interests and challenges in studying CAM modalities, including mind-body therapies, botanicals, energy medicine, and manipulative interventions. A large focus will be on design-related issues including appropriate control groups and outcomes. The facilitators will discuss challenges that have arisen in their own work with complementary, alternative or integrative medicine. Funding priorities of NCCAM will be addressed.

Roundtable 7: Mobilizing to Address Biopsychosocial Consequences of Disaster and Terrorism

Steven Locke, Cheryl Koopman and Joan Broderick
Granite C

There will be two brief presentations: 1) Steven Locke will present on the use of the internet for online assessment of disaster survivors and victims (Crisis Coach) and on the Disaster Knowledge Management System. He will also present on mental health screening and treatment resources for Katrina survivors at Camp Edwards in Massachusetts. 2) Joan Broderick will present on the work of the Clinical Relevance Task Force, which is proposing to include a substantial emphasis on trauma and its treatment at the 2007 APS Annual Meeting.

Roundtable 8: How to Optimize Collaboration in Neuroscientific Research

Mary-Frances O'Connor, Richard Lane, Pete Gianaros and Scott Matthews
Granite B

APS researchers tend not to be neuroscientists, but are often interested in incorporating the brain into mind-body research. Because most behavioral scientists will never become neuroscientists, this roundtable aims to promote collaboration between psychosomatic researchers and neuroscientists instead. Psychosomatic researchers are necessary for collaborations, because they have the questions, the patients and the essential skills in the phenomena of interest. For investigators to whom neuroscience is foreign, we hope to facilitate a conversation between psychosomatic researchers and neuroscientists.

Friday, March 3, 2006

Roundtable 9: Updates from the Psychosomatic Medicine Interest Groups: How We Feed the Fire

Lawson Wulsin

Granite A

Lawson Wulsin will review the APS Council's plans for the PMIG's and lead the discussion on future possibilities for cultivating psychosomatic medicine interest groups in medical schools. Representatives from each of the APS funded PMIG's will be asked to attend and informally talk about what their groups have done and plan to do. Others are welcome to help generate new ideas for consolidating or expanding the program.

1:30-3:30pm

3 Concurrent Sessions

Invited Symposium

Brain Mechanisms of Pain from a Psychosomatic Medicine Perspective

Chair/Discussant: Frank Keefe; Presenters: Stuart

Derbyshire, Jon-Kar Zubieta, Fabrizio Benedetti

Mineral Hall A

Dr. Derbyshire's presentation highlights the growing interest in the possibility of a central etiology of chronic pain and the use of functional imaging to test central hypotheses. Some studies suggest a generalized decrease in brain activation in patients with chronic pain, while others note an augmented response in the prefrontal or anterior cingulate cortices and reduced response in the thalamus. The findings of functional imaging studies have been interpreted as supporting dominant themes in the clinical understanding or interpretation of functional disorders, including hypersensitivity, hypervigilance, hyperalgesia, central sensitization, stress mediated dysfunction and, encompassing all these themes, the biopsychosocial model of pain. The known interconnection of stress, negative affect and pain has led to suggestions that various stimuli ranging from injury elsewhere in the body to emotional and cognitive inputs from higher neural centers can expand, amplify or create functional symptoms. Dr. Benedetti will emphasize that the study of the placebo effect is the study of the psychosocial context around the patient. His presentation will review what we know today about some biochemical pathways that are activated by a placebo procedure as well as about the single-neuron changes occurring after placebo administration. He will also present new data about the disruption of these placebo mechanisms in Alzheimer's disease. Dr. Zubieta will present and discuss experiments studying the effects of placebo on opioid neurotransmission under conditions of expectation of analgesia. The quantification of μ -opioid receptor availability with PET permitted the evaluation of placebo-induced activation of antinociceptive neurotransmission directly in human subjects. Individual differences in the response of this neurotransmitter system to expectations of analgesia will be highlighted, together with the factors that

appear to explain that variability. Dr. Keefe will close the symposium with a comment on the implications of these studies from the perspective of someone who has been heavily involved in clinical pain research and practice.

Symposium 1151

SLEEP IN PSYCHOSOMATIC RESEARCH: RISK FACTORS, CONSEQUENCES TO HEALTH, AND BEHAVIORAL INTERVENTIONS

Chair: Martica Hall

Mineral Hall B-C

Individual Abstract Number:1258

NOCTURNAL REVERBERATIONS OF ADVERSITY: THE EFFECT OF SOCIAL CLASS, ETHNICITY, AND STRESS ON NOCTURNAL BLOOD PRESSURE AND SLEEP ARCHITECTURE

Joel E. Dimsdale, Sonia Ancoli-Israel, Wayne Bardwell, Jose Loreda, KaMala Thomas, Carl Stepanowsky, Psychiatry, University of California, San Diego

Individual Abstract Number:1259

FINANCIAL BURDEN AS A CORRELATE OF DISTURBED SLEEP IN THE ELDERLY

Martica Hall, Daniel Buysse, Eric Nofzinger, Charles Reynolds, Timothy Monk, Psychiatry, University of Pittsburgh

Individual Abstract Number:1246

BLOOD PRESSURE DIPPING STATUS AND SLEEP QUALITY

Karen Matthews, Martica Hall, Thomas Kamarck, Jane Owens, Daniel Buysse, Steven Reis, Patrick Strollo, University of Pittsburgh

Individual Abstract Number:1403

DISTURBED SLEEP DURING PREGNANCY IS ASSOCIATED WITH CHANGES IN IN VITRO CYTOKINE PRODUCTION

Michele L. Okun, Psychiatry, University of Pittsburgh, Mary Coussons-Read, Psychology, University of Colorado Denver

Individual Abstract Number:1358

COMPARATIVE META-ANALYSIS OF BEHAVIORAL INTERVENTIONS FOR INSOMNIA: EFFICACY IN ADULTS AND IN ADULTS 55+ YEARS

Michael R. Irwin, Jason C. Cole, Perry M. Nicassio, Psychiatry, Cousins Center, UCLA Semel Institute

Paper Session

Clinical CVD: Biological, Psychological and Social Correlates

Chair: Tim Smith

Mineral Hall D-E

Abstract 1695

PRO-INFLAMMATORY RESPONSES TO MENTAL STRESS AND EXERCISE IN CARDIAC PATIENTS

FOLLOWING SUCCESSFUL CORONARY ANGIOPLASTY

Willem J. Kop, Medical & Clinical Psychology, USUHS, Bethesda, MD, Neil J. Weissman, Jiahui Zhu, Micah R. Stretch, Sami B. Glaes, Cardiology, MedStar Research Institute, Washington, DC, David S. Krantz, MPS, USUHS, Bethesda, MD, Russell P. Tracy, Pathology, U Vermont, Burlington, VT, John S. Gottdiener, Cardiology, U Maryland, Baltimore, MD

Abstract 1384

HEART RATE TURBULENCE, DEPRESSION, AND SURVIVAL AFTER ACUTE MYOCARDIAL INFARCTION

Robert M. Carney, William B. Howells, Psychiatry, Washington University, St. Louis, MO, James A. Blumenthal, Psychiatry, Duke University, Durham, NC, Kenneth E. Freedland, Psychiatry, Phyllis K. Stein, Medicine, Washington University, St. Louis, MO, Lisa F. Berkman, Epidemiology, Harvard University, Boston, MA, Lana L. Watkins, Psychiatry, Duke University, Durham, NC, Susan M. Czajkowski, Washington, DC

Abstract 1232

PHYSICAL AND PSYCHOSOCIAL PREDICTORS OF MALIGNANT VENTRICULAR TACHYARRHYTHMIAS IN PATIENTS WITH IMPLANTED DEFIBRILLATORS

Christoph Herrmann-Lingen, Mechthild Fisches, Bernhard Lache, Psychosomatic Medicine, Philipp's University, Marburg, Germany

Abstract 1533

PSYCHOSOCIAL AND BIOLOGICAL DETERMINANTS OF DEPRESSIVE SYMPTOMS IN PATIENTS WITH RISK FACTORS FOR CONGESTIVE HEART FAILURE (CHF)-THE MEDVIP STUDY GROUP

Beate Stanske, Andreas Cordes, Psychosomatics, Lutz Binder, Clinical Chemistry, Burkert Pieske, Cardiology, Michael M. Kochen, General Practice, University of Göttingen, Göttingen, Germany, Christoph Herrmann-Lingen, Psychosomatics, University of Marburg, Marburg, Germany

Abstract 1338

SOCIODEMOGRAPHIC AND PSYCHOSOCIAL CORRELATES OF ADHERENCE IN HEART FAILURE

Cheryl Rucker-Whitaker, Preventive Medicine, Carlos F. Mendes De Leon, Internal Medicine, Lynda H. Powell, Sanjib Basu, Preventive Medicine, Rush University Medical Center, Chicago, IL, Kathleen Grady, Division of Cardiac Surgery, Northwestern University, Chicago, IL, Dejuan Richardson, Preventive Medicine, James E. Calvin, Internal Medicine, Rush University Medical Center, Chicago, IL

Abstract 1315

PHOBIC ANXIETY PREDICTS MORTALITY AND VENTRICULAR ARRHYTHMIAS IN CORONARY ARTERY DISEASE PATIENTS

Lana L. Watkins, Michael A. Babyak, James A. Blumenthal, Jonathan R. Davidson, Psychiatry and Behavioral Sciences, Charles B. McCants, Christopher M. O'Connor, Michael H. Sketch, Jr., Department of Medicine, Duke Medical Center, Durham, NC

Abstract 1319

ANXIETY PREDICTS ONSET OF CORONARY ARTERY DISEASE (CAD) IN MEN: AN 18-YEAR FOLLOW-UP STUDY

Biing-Jiun Shen, Yael Avivi, Psychology, University of Miami, Coral Gables, John Todaro, Brown Univ, Providence, Avron Spiro III, Boston VA, Boston, Raymond Niaura, Brown Univ, Providence

Abstract 1552

SOCIAL SUPPORT AND STRESS AS INDEPENDENT PREDICTORS OF DIMINISHED HEART RATE VARIABILITY IN ARRHYTHMIA-VULNERABLE CORONARY ARTERY DISEASE PATIENTS

Chiaowen Hsiao, Anna Ghambaryan, Willem J. Kop, Jennifer Francis, Med & Clinical Psych, Mark Haigney, Shama Alam, Medicine, Sari D. Schwartz, Med & Clinical Psych, Uniformed Services U, Bethesda, MD, John S. Gottdiener, Medicine, U of Maryland, Baltimore, David S. Krantz, Med & Clinical Psych, Uniformed Services U, Bethesda, MD

3:30-3:45pm

Break

Capitol Ballroom Foyer

3:45-5:15pm

3 Concurrent Sessions

Symposium 1083

THE PSYCHONEUROIMMUNOLOGY OF PREGNANCY: PSYCHOSOCIAL, NEUROENDOCRINE, AND IMMUNE INFLUENCES ON PREGNANCY OUTCOME AND EARLY DEVELOPMENT

Chair: Mary E. Coussons-Read

Mineral Hall B-C

Individual Abstract Number:1426

MODULATION OF INFLAMMATORY CYTOKINES BY PSYCHOSOCIAL FACTORS ACROSS PREGNANCY

Mary Coussons-Read, Psychology and Health and Behavioral Science, University of Colorado at Denver and Health Sciences

Individual Abstract Number:1380

PSYCHOSOCIAL STRESS, PHYSIOLOGY, AND RACIAL DISPARITIES IN ADVERSE PREGNANCY OUTCOMES

Clayton J. Hilmert, Psychology, North Dakota State University, Christine Dunkel Schetter, Psychology, University of California, Los Angeles, Tyan Parker Dominguez, School of Social Work, University of Southern California, Laura Glynn, Psychiatry, University of California, Irvine

Individual Abstract Number:1381

THE HISPANIC PARADOX: IMMIGRANT AND ACCULTURATED PREGNANT WOMEN

Jeanne Ruiz, Nursing, University of Texas Medical Branch

Individual Abstract Number:1379

PRENATAL ORIGINS OF HEALTH AND ILLNESS IN INFANCY

Christopher Coe, Psychology, University of Wisconsin, Madison

Symposium 1467

JOHN HENRYISM AND HEALTH OUTCOMES AMONG AFRICAN-AMERICANS: A RECONCEPTUALIZATION

Chair: Sherman A. James

Discussant: Elwood L. Robinson

Mineral Hall A

Friday, March 3, 2006

Individual Abstract Number:1469

JOHN HENRYISM: ENVIRONMENT AND GENES

Keith Whitfield, *Biobehavioral Health, The Pennsylvania State University*,
Dwayne T. Brandon, *Health Policy and Management, Johns Hopkins,*
Bloomberg School of Public Health

Individual Abstract Number:1472

JOHN HENRYISM IN ASSOCIATION WITH NEO PI-R DOMAINS

Charles R. Jonassaint, *Psychology, Duke University*, Christopher L. Edwards, *Psychiatry and Medicine, Duke University Medical Center*, Ilene Siegler, *Psychiatry, Duke University*, Paul Costa, *National Institute of Aging*, Redford B. Williams, *Psychiatry and Medicine, Duke University*, John C. Barefoot, *Psychiatry, Duke University Medical Center*

Individual Abstract Number:1473

AFFECTIVE RESPONSE TO MENTAL STRESS AND THE JOHN HENRYISM HYPOTHESIS

Marcellus M. Merritt, *Psychology, Rachel Ryan, Cleveland State University*, Gary G. Bennett, *School of Public Health, Harvard University*, Christopher L. Edwards, *Psychiatry and Medicine, Duke University Medical Center*

Individual Abstract Number:1475

JOHN HENRYISM, CHRONIC PAIN AND MORBIDITY IN PATIENTS WITH SICKLE CELL DISEASE (SCD)

Christopher L. Edwards, *Psychiatry and Medicine, Duke University Medical Center*, April Hargrove, *Camela McDougald, Psychology, North Carolina Central University*, Gary G. Bennett, *Harvard School of Public Health*, Mary Wood, *Psychiatry, Laura DeCastro, Hematology, Duke University Medical Center*, Elwood Robinson, *Psychology, North Carolina Central University*, Miriam Feliu, *Psychiatry, Jude C. Jonassaint, Hematology, Veeraindar Goli, Psychiatry, Duke University Medical Center*

Paper Session

CVD: Risk Factors

Chair: Joachim Fischer

Mineral Hall D-E

Abstract 1165

BLOOD LEAD (PB) LEVELS: A POTENTIAL ENVIRONMENTAL MECHANISM EXPLAINING THE RELATION BETWEEN SOCIOECONOMIC STATUS AND CARDIOVASCULAR REACTIVITY IN CHILDREN

Brooks B. Gump, *Jacki Reihman, Paul Stewart, Ed Lonky, Tom Darvill, Psychology, State University of New York at Oswego, Oswego, NY*, Karen A. Matthews, *Psychiatry, Epidemiology, and Psychology, University of Pittsburgh School of Medicine, Pittsburgh, PA*

Abstract 1496

PHYSIOLOGICAL RESPONSES TO STRESS OVER THE ADOLESCENT TRANSITION: PERFORMANCE VERSUS SOCIAL REJECTION STRESS

Laura R. Stroud, *Psychiatry, Brown Medical School, Providence, RI*, Kathryn Handwerker, *Psychology, Tufts University, Medford, MA*, Douglas Granger, *Biobehavioral Health, Pennsylvania State University, University Park, PA*, Catherine Solomon, *Raymond Niaura, Psychiatry, Brown Medical School, Providence, RI*

Abstract 1450

BLUNTED CENTRAL SEROTONERGIC RESPONSIVITY IS ASSOCIATED WITH PRECLINICAL VASCULAR DISEASE

Matthew F. Muldoon, *Medicine, Rachel H. Mackey, Kim Sutton-Tyrrell, Epidemiology, University of Pittsburgh, Pittsburgh, PA*, Janine D. Flory, *Psychiatry, Mt. Sinai School of Medicine, New York, NY*, Bruce G. Pollock, *Psychiatry, University of Toronto, Toronto, ON, Canada*, Stephen B. Manuck, *Psychology, University of Pittsburgh, Pittsburgh, PA*

Abstract 1371

PSYCHOSOCIAL STRESS AND ATHEROSCLEROSIS

Kristina Orth-Gomér, *Public Health Sciences, Karolinska Institutet, Stockholm, Sweden*

Abstract 1731

MARITAL CONFLICT BEHAVIOR AND CORONARY ARTERY CALCIFICATION

T W. Smith, *C Berg, B N. Uchino, P Florsheim, G Pearce, Psychology, University of Utah, Salt Lake City, UT*

Abstract 1206

PHYSICAL FITNESS ATTENUATES LEUKOCYTE - ENDOTHELIAL ADHESION IN RESPONSE TO ACUTE PHYSICAL STRESS

Paul J. Mills, *Psychiatry, University of California, San Diego (UCSD), La Jolla, CA*, Suzi Hong, *Psychiatry, Steven M. Carter, Albert Chiu, Laura Redwine, Michael G. Ziegler, Medicine, Joel E. Dimsdale, Psychiatry, Alan S. Maisel, Medicine, UCSD, San Diego, CA*

5:15-6:30pm

Poster Session II

Capitol Ballroom 1-4

99) Abstract 1438

MINDFULNESS-BASED STRESS REDUCTION AND ACUTE STRESS RESPONSES IN WOMEN WITH CANCER

Laura E. Van Wielingen, *Tavis S. Campbell, Psychology, University of Calgary, Calgary, Alberta, Canada*, Linda E. Carlson, *Oncology, University of Calgary, Calgary, AB, Canada*

100) Abstract 1595

SOMATIZATION SCORES PREDICT SURVIVAL OF HEMATOLOGIC MALIGNANCY PATIENTS UNDERGOING BLOOD OR MARROW TRANSPLANTATION

Kevin T. Larkin, *Angela J. Lowery, Psychology, West Virginia University, Morgantown, WV*, Solveig G. Ericson, *Hematology/Oncology, WVU Hospitals, Morgantown, WV*, Cara F. O'Connell, *Andrea K. Shreve-Neiger, Brandie K. Taylor, Andria Doyle, Psychology, West Virginia University, Morgantown, WV*

101) Abstract 1633

EXPANDING RURAL ACCESS: DISTANCE DELIVERY OF BREAST CANCER SUPPORT GROUPS

Cheryl Koopman, *Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA*, Mary Anne Kreshka, *Sierra College, Nevada City, CA*, Susan Ferrier, *Northern Sierra Rural Health Network, Nevada City, CA*, Kate Collie, *Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA*, Rebecca Parsons, *Northern Sierra Rural Health Network, Nevada City, CA*, Kathy Graddy, *Graddy Graphic Design, San Francisco, CA*, Xin-Hua Chen, *Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA*, Speranza Avram, *Northern Sierra Rural Health Network, Northridge, CA*

102) Abstract 1623

PRE-SURGICAL PSYCHOSOCIAL PREDICTORS OF DYSREGULATED DIURNAL CORTISOL AMONG WOMEN WITH SUSPECTED ENDOMETRIAL CANCER

S. Jensen, N. Cross, L. Yuill, M. Hosonitz, Clinical & Health Psychology, D. Ripley, L. Morgan, Obstetrics & Gynecology, S. Kneipp, Nursing, D. Pereira, Clinical & Health Psychology, University of Florida, Gainesville, FL

103) Abstract 1589

BRIEF SYMPTOM INVENTORY-18 SCORES PREDICT GLOBAL FUNCTIONING AMONG HOSPITALIZED HEMATOLOGIC MALIGNANCY PATIENTS

Angela J. Lowery, Kevin T. Larkin, Psychology, West Virginia University, Morgantown, WV, Solveig G. Ericson, Hematology/Oncology, WVU Hospitals, Morgantown, WV, Cara F. O'Connell, Andrea K. Shreve-Neiger, Brandie K. Taylor, Psychology, West Virginia University, Morgantown, WV

104) Abstract 1480

EFFECTS OF A PSYCHOSOCIAL MULTIMODAL RETREAT PROGRAM ON THE MARITAL RELATIONSHIP AND QUALITY OF LIFE OF PALLIATIVE CANCER PATIENTS AND THEIR PARTNERS

Sheila N. Garland, Psychology, University of Calgary, Calgary, Alberta, Canada, Linda E. Carlson, Oncology, Steve Simpson, Medicine, University of Calgary, Calgary, Alberta, Canada

105) Abstract 1477

RELATIONSHIPS BETWEEN PSYCHOLOGICAL STRESS AND SALIVARY CORTISOL IN WOMEN WITH AND WITHOUT BREAST CANCER

Sheila N. Garland, Psychology, University of Calgary, Calgary, Alberta, Canada, Linda E. Carlson, Oncology, University of Calgary, Calgary, AB, Canada, Tavis Campbell, Psychology, University of Calgary, Calgary, Alberta, Canada, Paul Grossman, Psychology, University of Freiburg & FIMR, Freiburg, Germany

106) Abstract 1806

WHICH PSYCHOSOCIAL CHARACTERISTICS INFLUENCE RECEIVING A RECOMMENDATION FOR COLORECTAL CANCER SCREENING?

Maida J. Sewitch, Medicine, Martin Dawes, Mark Yaffe, Family Medicine, Linda Snell, Medicine, Mark Roper, Family Medicine, Patrizia Zanelli, Pascal Burtin, Medicine, Alan Pavilanis, Family Medicine, McGill University, Montreal, Quebec, Canada, Caroline Fournier, Clinical Epidemiology, McGill University Health Centre, Montreal, Quebec, Canada

107) Abstract 1461

PRE-TREATMENT FATIGUE AND CELLULAR IMMUNITY IN CERVICAL CANCER PATIENTS

Stephanie L. McGinn, Susan Lutendorf, Heena Maiseri, Psychology, Koen DeGeest, Barrie Anderson, OB/GYN, U. of Iowa, Iowa City, IA, Joel Sorosky, OB/GYN, Hartford Hospital, Hartford, CT, David Lubaroff, Urology, U. of Iowa, Iowa City, IA

108) Abstract 1128

A SIMPLE, COST-EFFECTIVE, LEAFLET CAN REDUCE DISTRESS DURING HEALTH RISK ASSESSMENT

Paul Bennett, Psychology, University of Wales Swansea, Swansea, United Kingdom

109) Abstract 1566

EFFECTS OF CHEMOTHERAPY AND RECENT HORMONE REPLACEMENT THERAPY TERMINATION ON FATIGUE, SLEEP AND MOOD IN BREAST CANCER

Paula S. McKinley, Felice A. Tager, Ulya Habif, Lina D'Orazio, Claire Golden, Sandra B. Kuhl, Margery Frosch, Psychiatry, Freya Schnabel, Mahmoud El-Tamer, Surgery, Dawn Hershman, Medicine / Oncology, Columbia University Medical Center, New York, NY

110) Abstract 1626

MALADAPTIVE INTERPERSONAL COPING PREDICTS POORER SURGICAL RECOVERY AMONG WOMEN WITH ENDOMETRIAL CANCER

S. Jensen, N. Cross, L. Yuill, M. Hosonitz, Clinical & Health Psychology, D. Ripley, L. Morgan, Obstetrics & Gynecology, D. Pereira, Clinical & Health Psychology, University of Florida, Gainesville, FL

111) Abstract 1322

ETHNIC DISCRIMINATION AS A MODERATOR OF BLOOD PRESSURE REACTIVITY TO INTERPERSONAL STRESS

Kristen Salomon, Kristi E. White, Nicole E. Jaguszyn, Psychology, University of South Florida, Tampa, Florida

112) Abstract 1504

WHICH PATIENTS ARE PRONE TO SUFFER FROM AMPLIFIED INTRACARDIAC PAIN PERCEPTION? A CART ANALYSIS OF PSYCHOPHYSIOLOGICAL AND AFFECTIVE CONDITIONS ASSOCIATED WITH CARDIOVERTER DEFIBRILLATOR SHOCK DISCHARGES

Karl Heinz Ladwig, Psychosomatic Department, Technical University of Munich, München, Bavaria, Germany, Jens J. Baumert, Institute of Epidemiology, GSF Nat. Research Centre for Environment and Health, Neuherberg, Bavaria, Germany, Claus Schmitt, Deutsches Herz-Zentrum Muenchen, Technical University of Munich, Munich, Bavaria, Germany

113) Abstract 1311

DEPRESSION IN CONGESTIVE HEART FAILURE: A META-ANALYTIC REVIEW OF PREVALENCE AND ASSOCIATIONS WITH CLINICAL OUTCOMES

Thomas Rutledge, Psychiatry, VA Medical Center/UC San Diego, San Diego, CA, Sarah Linke, Psychology, UC San Diego, San Diego, Veronica Reis, Psychology, USC, San Diego

114) Abstract 1286

ACUTE VERSUS RECURRENT DEPRESSION SYMPTOMS IN THE PREDICTION OF CARDIAC RISK IN WOMEN WITH SUSPECTED MYOCARDIAL ISCHEMIA: THE NHLBI-SPONSORED WISE STUDY

Thomas Rutledge, Psychiatry, UC San Diego, San Diego, CA, Marian B. Olson, Epidemiology, University of Pittsburgh, Pittsburgh, PA, C. Noel Bairey Merz, Medicine, Cedars-Sinai Medical Center, Los Angeles, CA, Carol E. Cornell, Health Behavior and Health Education, University of Arkansas for Medical Sciences, Little Rock, AR, William J. Rogers, Medicine, University of Alabama at Birmingham, Birmingham, AL, Sheryl F. Kelsey, Epidemiology, University of Pittsburgh, Pittsburgh, PA

Friday, March 3, 2006

115) Abstract 1355

COMPARISON OF ENDOTHELIAL FUNCTION AND THE COMPONENTS OF THE METABOLIC SYNDROME IN THE PREDICTION OF CORONARY ARTERY DISEASE

A. Arsenault, K. L. Lavoie, B. Meloche, P. R. Stebenne, Nuclear Medicine, Montreal Heart Institute, Montreal, QC, Canada, J. Veldhuijzen van Zanten, Sportex, University of Birmingham, Birmingham, W. Mids., UK, S. L. Bacon, Nuclear Medicine, Montreal Heart Institute, Montreal, QC, Canada

116) Abstract 1288

DISTINCTIVE CHARACTERISTICS OF SEVERE DEPRESSION AFTER CORONARY BYPASS SURGERY

Judith A. Skala, Kenneth E. Freedland, Robert M. Carney, Psychiatry, Rebecca L. Reese, Psychology, Eugene H. Rubin, Psychiatry, Washington University, St. Louis, Missouri

117) Abstract 1369

HEART RATE VARIABILITY AND DAILY LIFE EMOTIONAL CHANGES: DIFFERENTIAL RELATIONSHIPS IN CAD PATIENTS WITH SUDDEN DEATH VULNERABILITY VERSUS STABLE CAD PATIENTS

Sari D. Schwartz, David S. Krantz, Chiao-Wen Hsiao, Anna Ghambaryan, Willem J. Kop, Uniformed Services University of the Health Sciences, Bethesda, MD, John S. Gottdiener, University of Maryland Medical Center, Baltimore, MD

118) Abstract 1437

ANGER-OUT, BUT NOT ANGER-IN OR SEVERITY OF DEPRESSIVE SYMPTOMS, IS ASSOCIATED WITH MARKERS OF INFLAMMATION IN HEALTHY YOUNG ADULTS

Bruce R. Wright, Psychology, Health and Wellness Services, Timothy Freson, Health and Wellness Services, Jennifer E. Stevenson, Psychology, Washington State University, Pullman, WA

119) Abstract 1452

LONG-TERM COURSE OF DEPRESSION AFTER ACUTE MYOCARDIAL INFARCTION

Kenneth E. Freedland, Psychiatry, Washington University, St. Louis, Missouri, Carlos F. Mendes de Leon, Epidemiology, Rush, Chicago, IL, William B. Howells, Psychiatry, Washington University, St. Louis, Missouri, Gail Ironson, Psychology, University of Miami, Coral Gables, Florida, James A. Blumenthal, Psychiatry, Duke University, Durham, North Carolina

120) Abstract 1386

CARDIOVASCULAR REACTIVITY DURING NICOTINE AND NICOTINE ABSTINENCE CONDITIONS: DO HABITUAL SMOKERS AND TOBACCO "CHIPPERS" DIFFER?

Melissa M. VanderKaay, Stephen M. Patterson, Psychology, Ohio University, Athens, Ohio

121) Abstract 1389

CURRENT DEPRESSION BUT NOT HISTORY OF DEPRESSION IS ASSOCIATED WITH IMPAIRED HEALTH STATUS FOLLOWING MYOCARDIAL INFARCTION

Elisabeth Martens, Susanne Pedersen, Johan Denollet, Medical Psychology, Tilburg University, Tilburg, The Netherlands

122) Abstract 1406

COMPARISON OF SYMPTOMS OF DEPRESSION IN INDIVIDUALS WITH DIABETES AT LOW AND HIGH 10-YEAR ABSOLUTE RISK FOR CHD

S. M. Barry-Bianchi, A. E. Mechettiuc, Cardiology, UHN, Toronto, ON, Canada, K. M. Corace, Psychology, York University, Toronto, ON, Canada, R. P. Nolan, Cardiology, UHN, Toronto, ON, Canada

123) Abstract 1351

DIFFERENTIAL EXHAUSTION OF REPEATED HYPERAEMIC REACTIVITY IN CARDIAC PATIENTS AND NORMAL PARTICIPANTS

Bernard Meloche, Simon L. Bacon, Kim L. Lavoie, Philippe R. Stebenne, Nuclear Medicine, Montreal Heart Institute, Montreal, QC, Canada, Jet Veldhuijzen van Zanten, Sportex, University of Birmingham, Birmingham, W. Mids., UK, Andre Arsenault, Nuclear Medicine, Montreal Heart Institute, Montreal, QC, Canada

124) Abstract 1719

PARENTAL EDUCATION AND HOUSEHOLD INCOME RELATE TO CARDIOVASCULAR BIOMARKERS IN YOUTH

Jennifer J. McGrath, Psychology, Concordia University, Montreal, QC, Canada, Marie Lambert, Department of Pediatrics, University of Montreal, St. Justine Hospital, Montreal, QC, Canada, Jennifer O'Loughlin, Gilles Paradis, Epidemiology & Biostatistics, McGill University, Montreal, QC, Canada, Tracie A. Barnett, Social and Preventive Medicine, University of Montreal, Montreal, QC, Canada

125) Abstract 1332

DIFFERENTIATING DEPRESSION AND VITAL EXHAUSTION IN CARDIAC PATIENTS

Otto R. Smith, Angelique A. Schiffer, Medical Psychology, Tilburg University, Tilburg, Netherlands, Jobst B. Winter, Cardiology, Tweesteden Hospital, Tilburg, Netherlands, Johan Denollet, Medical Psychology, Tilburg University, Tilburg, Netherlands

126) Abstract 1289

MEDICATION NON-ADHERENCE PREDICTS ADVERSE CARDIOVASCULAR OUTCOMES: DATA FROM THE HEART AND SOUL STUDY

Mary A. Whooley, Medicine, Epidemiology and Biostatistics, University of California, San Francisco, San Francisco, CA, Sadia Ali, San Francisco, CA, Anil Gehi, Zena and Michael A. Wiener Cardiovascular Institute, Mt. Sinai School of Medicine, New York, NY

127) Abstract 1342

CABG SURGERY TIME AND NUMBER OF GRAFTS ARE NOT ASSOCIATED WITH POST-CABG MOOD SYMPTOMS

Vinayak A. Hegde, Nosheen Javed, Jamie L. Stern, Internal Medicine, Western Pennsylvania Hospital, Pittsburgh, PA, Bea Herbeck Belnap, Medicine, Fang Zhu, Biostatistics, University of Pittsburgh, Pittsburgh, PA, Charles F. Reynolds III, Bruce L. Rollman, Medicine, University of Pittsburgh, Pittsburgh, PA, United States of America

Abstracts 1457 (128) and 1455 (129) have been moved to Poster Session I on Thursday, March 2, 5:15 - 6:30pm

130) Abstract 1339

PRE-CABG LEFT VENTRICULAR EJECTION FRACTION IS ASSOCIATED WITH POST-CABG DISEASE-SPECIFIC QUALITY OF LIFE BUT NOT GENERIC QUALITY OF LIFE OR MOOD SYMPTOMS

Nosheen Javed, Vinayak Hegde, Jamie L. Stern, Internal Medicine, Western Pennsylvania Hospital, Pittsburgh, PA, Bea Herbeck Belnap, Medicine, Fang Zhu, Biostatistics, University of Pittsburgh, Pittsburgh, PA, Charles F. Reynolds III, Psychiatry, Bruce L. Rollman, Medicine, University of Pittsburgh, Pittsburgh, PA, United States of America

131) Abstract 1291

DO DEPRESSED PATIENTS SELF-REPORT ADHERENCE TO MEDICATIONS DIFFERENTLY THAN NON-DEPRESSED PATIENTS?

Ian Kronish, Internal Medicine, Mount Sinai School of Medicine, New York, NY, Nina Rieckmann, Psychiatry, Mount Sinai School of Medicine, NY, NY, Karina W. Davidson, Internal Medicine, Columbia University, New York, NY

132) Abstract 1330

A GRIMACE WITHIN THE HEART: EMOTIONAL SUPPRESSION DURING AFFECTIVE PICTURE PROCESSING

Vincent D. Costa, Joshua M. Smyth, Psychology, Syracuse University, Syracuse, NY, Francesco Versace, Psychology, University of Florida, Gainesville, FL

133) Abstract 1518

SOCIAL ISOLATION AND DEPRESSION ARE DIFFERENTIALLY RELATED TO HEALTH BEHAVIORS AFTER ACUTE CORONARY SYNDROMES

Manuel Paz-Yepes, Cardiovascular Institute, Nina Rieckmann, Psychiatry, Ian Kronish, Medicine, Mount Sinai School of Medicine, New York, NY, Matthew M. Burg, Medicine, Columbia University, New York, NY, Joseph E. Schwartz, Psychiatry, Stony Brook University, Stony Brook, NY, Karina W. Davidson, Medicine, Columbia University, New York, NY

134) Abstract 1407

HEART RATE VARIABILITY, CORONARY HEART DISEASE, AND DEPRESSION: THE ROLE OF ANTIDEPRESSANTS

Takuya Hasegawa, Louis T. van Zyl, Paul R. Davidson, Psychiatry, Queen's University, Kingston, Ontario, Canada

135) Abstract 1430

ANHEDONIA BUT NOT DEPRESSED MOOD IS RELATED TO HIGHER WAIST-TO-HIP RATIOS IN POST-ACUTE CORONARY SYNDROME PATIENTS

Lucia Dettendorf, General Medicine, Columbia University, New York, New York, Nina Rieckmann, Robert J. Paulino, Stephen K. Williams, Integrative Behavioral Cardiology, Mount Sinai School of Medicine, New York, New York, Karina W. Davidson, General Medicine, Columbia University, New York, New York

136) Abstract 1420

PSYCHOLOGICAL DISTRESS AND MORTALITY: A META-ANALYSIS

Lucia Dettendorf, Antoinette M. Schoenthaler, Elizabeth Mostofsky, Karina W. Davidson, General Medicine, Columbia University, New York, New York

137) Abstract 1405

COURSE AND PROGNOSIS OF ACUTE TINNITUS AURIUM

Burkard Jaeger, Peter Malewski, Friedhelm Lamprecht, Psychosomatics and Psychotherapy, Hannover Medical School, Hannover, Germany

138) Abstract 1141

EFFECTS OF CAFFEINE AND STRESS ON CORTISOL AND SERIAL SUBTRACTION PERFORMANCE IN YOUNG MEN

Jeanette M. Bennett, Courtney A. Whetzel, Biobehavioral Health, Frank E. Ritter, Information Sciences and Technology, & Psychology, Andrew L. Reifers, Information Sciences and Technology, Laura Cousino Klein, Biobehavioral Health, Penn State University, University Park, PA

139) Abstract 1039

DIURNAL SALIVARY CORTISOL CYCLE AND COGNITIVE PERFORMANCE IN OLDER ADULTS WITH SUBJECTIVE COMPLAINTS OF MEMORY DEFICITS AND/OR DEPRESSION

A J. Fiocco, N Wan, S J. Lupien, Verdun, QC, CAN, H Pim, Neurology, U of M, Montreal, QC, CAN, N Weekes, Psychology, Pomona College, Claremont, CA

140) Abstract 1248

ATTACHMENT & CORTISOL REACTIVITY TO ACUTE STRESS

Heather N. Musselman, Psychology, Indiana University Purdue University Indianapolis, Indianapolis, IN, Natalie Hamrick, Anesthesia, Indiana University School of Medicine, Indianapolis, IN, Andrea T. Shafer, Angela E. Swift, Joshua Dyer, Hsin-Hua Lin, Psychology, Indiana University Purdue University Indianapolis, Indianapolis, IN, Jianping Zhang, Department of Psychiatry and Psychology, The Cleveland Clinic Foundation, Cleveland, OH

141) Abstract 1037

MENTAL HEALTH, DIURNAL RHYTHM AND AWAKENING CORTISOL RESPONSE IN MIDTERM AND LATE PREGNANT WOMEN

Mitsue Nagamine, Adult Mental Health, National Institute of Mental Health, Tokyo, Japan, Satoru Saito, Fundamental Research, Joso Research Center, Pigeon Corporation, Ibaraki, Japan, Hideki Okabayashi, Psychology, Meisei University, Tokyo, Japan, Yoshiharu Kim, Adult Mental Health, National Institute of Mental Health, Tokyo, Japan

142) Abstract 1092

INDIVIDUAL VARIATION IN NEUROENDOCRINE PHENOTYPES

Sarah Short, Christopher Coe, Psychology, University of Wisconsin, Madison, Madison, WI

143) Abstract 1244

THE TEMPORAL SEQUENCE BETWEEN ANGER, ANXIETY, TRYPTOPHAN AND NEOPTERIN DURING AN INFECTIOUS EPISODE IN AN OTHERWISE HEALTHY WOMAN

Christian Schubert, Department of Medical Psychology and Psychotherapy, Leo Huber, Department of Psychiatry, Innsbruck Medical University, Innsbruck, Austria, Günter Schiepek, Clinic for Psychosomatic Medicine and Psychotherapy, University Hospital of the RWTH Aachen, Aachen, Germany, Willi Geser, Institute of Psychology, University Innsbruck, Innsbruck, Austria, Gerhard Schüßler, Department of Medical Psychology and Psychotherapy, Dietmar Fuchs, Division for Biological Chemistry, Biocentre, Innsbruck Medical University, Innsbruck, Austria

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144) Abstract 1354

AN FMRI INVESTIGATION OF MINDFULNESS AND AFFECT REGULATION

J. David Creswell, Department of Psychology, University of California, Los Angeles, Los Angeles, CA, Naomi I. Eisenberger, Psychiatry and Biobehavioral Sciences, Cousins Center for Psychoneuroimmunology, UCLA, Los Angeles, CA, Matthew D. Lieberman, Department of Psychology, University of California, Los Angeles, Los Angeles, CA

145) Abstract 1256

FEELINGS OF USEFULNESS TO OTHERS AND INDICATORS OF SUBCLINICAL INFLAMMATION IN OLDER ADULTS

Tara L. Gruenewald, Teresa E. Seeman, Medicine/Geriatrics, University of California, Los Angeles, Los Angeles, CA

146) Abstract 1261

BIOLOGICAL AND NEUROCOGNITIVE CORRELATES OF EMOTIONAL-APPROACH COPING

Sarah L. Master, Psychology, UCLA, Los Angeles, CA, David M. Amodio, Psychology, NYU, New York, NY, Clayton J. Hilmert, Psychology, North Dakota State University, Fargo, ND, Annette L. Stanton, Cindy M. Yee, Clinical Psychology, Shelley E. Taylor, Psychology, UCLA, Los Angeles, CA

147) Abstract 1276

PERITONEAL CYTOKINES ARE ASSOCIATED WITH REPORTS OF FATIGUE FOLLOWING MAJOR ABDOMINAL SURGERY

Johanna Paddison, Molecular Medicine, A Hill, Surgery, L Cameron, Psychology, R Booth, Molecular Medicine, The University of Auckland, Auckland, New Zealand

148) Abstract 1411

PLASMA FATTY ACIDS ARE ASSOCIATED WITH NORMATIVE VARIATION IN MOOD, PERSONALITY AND BEHAVIOR

S. M. Conklin, Psychiatry, Univ of Pittsburgh, Pittsburgh, PA, J. I. Harris, Psychiatry, Brown Univ, Providence, RI, S. B. Manuck, Psychology, Univ of Pittsburgh, Pittsburgh, PA, J. R. Hibbeln, LMBB, NIH, Rockville, MD, M. F. Muldoon, Medicine, Univ of Pittsburgh, Pittsburgh, PA

149) Abstract 1228

STRESSFUL LIFE EVENTS EXPOSURE IS ASSOCIATED WITH 10-YEAR MORTALITY, BUT IT IS HEALTH-RELATED EVENTS THAT PROVE MOST STRONGLY PREDICTIVE

Anna C. Phillips, Douglas Carroll, School of Sport and Exercise Sciences, University of Birmingham, Birmingham, UK, Kate Hunt, Geoff Der, MRC Social and Public Health Sciences Unit, University of Glasgow, Glasgow, UK

150) Abstract 1488

RESEARCH ON LIFE EVENTS AND COPING WAY OF HAN AND ZHUANG NATIONALITY STUDENTS IN JUNIOR HIGH SCHOOL IN CHINA

Mingyu Deng, psychosomatic medicine, International Chinese Psychosomatic Medicine Journal, Kew Gardens Hills, NY, Yonggui Li, Guilin Medical College, Guilin, Guangxi, China, Shiyao Lao, Guangxi Children Troupe, Nanning, Guangxi, China

151) Abstract 1534

SINGLE ITEMS FROM A QUALITY OF LIFE QUESTIONNAIRE AND THEIR ASSOCIATION WITH PSYCHOLOGICAL DISTRESS IN OUTPATIENTS WITH VITILIGO

Francesca Sampogna, Desanka Raskovic, Liliana Guerra, Cristina Pedicelli, Stefano Tabolli, Damiano Abeni, Istituto Dermatologico dell'Immacolata IDI-IRCCS, Rome, Italy

152) Abstract 1521

EFFECTS OF INTRANASAL OXYTOCIN ON STRESS RESPONSES DURING COUPLE CONFLICT

Beate Ditzen, Psychiatry and Behavioral Sciences, Emory University School of Medicine, Atlanta, Georgia, Esther Goetz, Mirja Hemmi, Sabina Studhalter, Clinical Psychology and Psychotherapy, University of Zurich, Institute of Psychology, Zurich, Switzerland, Guy Bodenmann, Marcel Schaefer, Institute for family research and counseling, University of Fribourg, Fribourg, Switzerland, Ulrike Ehlert, Markus Heinrichs, Clinical Psychology and Psychotherapy, University of Zurich, Institute of Psychology, Zurich, Switzerland

153) Abstract 1507

SENSE OF CONTROL AND EMOTIONAL COMPLEXITY

Elin B. Strand, Behavioural Sciences in Medicine, University of Oslo, Oslo, Norway, John W. Reich, Alex J. Zautra, Psychology, Arizona State University, Tempe, Arizona

154) Abstract 1174

DOES PERSONALITY PREDICT BLOOD PRESSURE OVER A TEN YEAR PERIOD ?

Jocelyne A. Leclerc, Michelle Rahn, Wolfgang Linden, Psychology, University of British Columbia, Vancouver, BC, Canada

155) Abstract 1268

HYPERTENSION LABELING IS ASSOCIATED WITH ANXIETY AND THE WHITE COAT EFFECT

Tanya M. Goyal, Thomas G. Pickering, Medicine, Columbia University, New York, NY, Joseph E. Schwartz, Psychiatry, SUNY Stony Brook, Stony Brook, NY, Gbenga Ogedegbe, Juhee Jhalani, Lynn Clemow, William Gerin, Medicine, Columbia University, New York, NY

156) Abstract 1526

DAILY STRESS, COPING, AND NOCTURNAL BLOOD PRESSURE DIPPING

Sean R. O'Quinn, Kevin T. Larkin, Psychology, West Virginia University, Morgantown, WV

157) Abstract 1487

CYTOKINE RESPONSE TO EXERCISE & LIPOPOLYSACCHARIDE (LPS) IN NORMAL AND HIGH BLOOD PRESSURE (BP)

Meredith A. Pung, Suzi Hong, Psychiatry, University of California, San Diego, CA, Frank P. Zaldivar, Pediatrics, University of California, Irvine, CA, Steven Carter, Medicine, University of California, San Diego, CA, Dan M. Cooper, Pediatrics, University of California, Irvine, CA, Paul J. Mills, Psychiatry, University of California, San Diego, CA

158) Abstract 1195

SYSTEMIC HYPERTENSION AND PHYSIOLOGICAL STRESS REACTIVITY: ROLE OF SOCIAL SUPPORT AND EMOTIONAL REGULATION

Petra H. Wirtz, Clinical Psychology and Psychotherapy, Psychological Institute, University of Zurich, Zurich, Zurich, Switzerland, Roland Von Kanel, General Internal Medicine, University Hospital, Berne, Switzerland, Berne, Berne, Switzerland, Emini Luljeta, Rüdisüli Katharina, Groessbauer Sara, Ehlert Ulrike, Department of Clinical Psychology and Psychotherapy, Psychological Institute, University of Zurich, Zurich, Zurich, Switzerland

159) Abstract 1396

CYNICAL HOSTILITY, POSTURE, AND ACUTE AMBULATORY BLOOD PRESSURE CHANGES IN COMMUNITY-RESIDING MEN

James Bunde, Jerry Suls, Psychology, Rene Martin, Adult and Gerontological Nursing, University of Iowa, Iowa City, IA, John B. Nezlek, Psychology, College of William & Mary, Williamsburg, VA

160) Abstract 1186

THE CONTRIBUTION OF STRESS HORMONES TO THE HYPERCOAGULABLE STATE IN SYSTEMIC HYPERTENSION

Roland von Kanel, General Internal Medicine, University Hospital, Berne, Switzerland, Ulrike Ehlert, Luljeta Emini, Katharina Rudisuli, Sara Groessbauer, Petra H. Wirtz, Clinical Psychology and Psychotherapy, University of Zurich, Zurich, Switzerland

161) Abstract 1262

SALT SENSITIVE NORMOTENSIVE MALES SHOW ENHANCED CORTISOL AND REDUCED HEART RATE VARIABILITY DURING MENTAL STRESS

Cora S. Weber, Psychosomatic Medicine, Charité Universitätsmedizin Campus Benjamin Franklin, Berlin, Germany, Julian F. Thayer, Emotions and Quantitative Psychophysiology Unit, National Institute on Aging, Baltimore, USA, Miriam Rudat, Psychosomatic Medicine, Frank H. Perschel, Inst of Clinical Biochemistry and Pathobiochemistry, Hans C. Deter, Psychosomatic Medicine, Charité Universitätsmedizin Campus Benjamin Franklin, Berlin, Germany

162) Abstract 1080

MARRIAGE, JOB AND SUSTAINED BLOOD PRESSURE: THE ROLE OF CONSISTENT ENVIRONMENT

Brian Baker, Psychiatry, University of Toronto, Toronto, Ontario, Canada, Alex Kiss, Research Design and Biostatistics, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada, Sheldon W. Tobe, Medicine, University of Toronto, Toronto, Ontario, Canada

163) Abstract 1460

HOSTILITY, FORGIVENESS, AND CARDIOVASCULAR REACTIVITY IN RESPONSE TO ANGER PROVOCATION

Danielle H. Hernandez, Kevin T. Larkin, Psychology, West Virginia University, Morgantown, West Virginia

164) Abstract 1361

PERCEIVED STRESS AND LOW EDUCATION ARE ASSOCIATED WITH HEIGHTENED SYMPATHETIC NERVOUS SYSTEM ACTIVITY

KaMala Thomas, Clinical Psychology, SDSU/UCSD Joint Doctoral Program, La Jolla, CA, Richard Nelesen, Paul Mills, Psychiatry, Michael Ziegler, Medicine, Joel Dimsdale, Psychiatry, UC San Diego, La Jolla, CA

165) Abstract 1424

EMOTIONAL RESPONSIVITY AND AMBULATORY BLOOD PRESSURE IN WOMEN WITH HISTORIES OF ABUSE AND VICTIMIZATION

Tamara L. Newton, Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY, Ivy K. Ho, Division of Psychology, Cincinnati Children's Hospital Medical Center, Cincinnati, OH

166) Abstract 1082

EARLY SOCIOECONOMIC STATUS IS ASSOCIATED WITH ADULTHOOD NIGHTTIME BLOOD PRESSURE DIPPING

Brenda L. Key, Alana D. Ireland, Psychology, University of Calgary, Calgary, Alberta, Canada, Simon L. Bacon, Exercise Science, Concordia University, Montreal, Quebec, Canada, Blain W. Ditto, Psychology, McGill University, Montreal, Quebec, Canada, Tavis S. Campbell, Psychology, University of Calgary, Calgary, Alberta, Canada

167) Abstract 1456

AFRICAN AMERICAN/CAUCASIAN DIFFERENCES IN PREDICTORS OF FATIGUE

Farah A. Arosemena, KaMala Thomas, Wayne A. Bardwell, Richard Nelesen, Psychiatry, University of California, San Diego, La Jolla, CA, Paul J. Mills, Psychiatry, University of California, San Diego, La Jolla, CA, Sonia Ancoli-Israel, Joel E. Dimsdale, Psychiatry, University of California, San Diego, La Jolla, CA

168) Abstract 1421

COGNITIVE PERFORMANCE IN MIDDLE-AGED HYPERTENSIVE PATIENTS WITHOUT WHITE MATTER BRAIN LESIONS OR LACUNAR INFARCTIONS: EFFECTS OF GENDER

Heather L. Rogers, Medical & Clinical Psychology, Uniformed Services University, Bethesda, MD, Wenhua Wang, Jun Cheng, Institute of Heart, Lung & Blood Vessel Diseases, Beijing Anzhen Hospital, Beijing, China, David S. Krantz, Medical & Clinical Psychology, Uniformed Services University, Bethesda, MD, Dong Zhao, Institute for Heart, Lung & Blood Vessel Diseases, Beijing Anzhen Hospital, Beijing, China

169) Abstract 1663

BRAINSTEM VOLUMETRIC ALTERATIONS IN CHILDREN AND ADOLESCENTS WITH PERVASIVE DEVELOPMENTAL DISORDER

Roger J. Jou, Psychiatry, Yale University School of Medicine, New Haven, CT, Antonio Y. Hardan, Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA

170) Abstract 1666

ARE ANTIDEPRESSANTS EFFECTIVE IN THE MEDICALLY ILL? A SCORECARD APPROACH

Steven Cole, Psychiatry, S.U.N.Y. Stony Brook Health Sciences Center, Stony Brook, New York, Emil Kuriakose, Ronac Mamtani, Tariq Ahmad, Psychiatry, S.U.N.Y. Health Sciences Center, Stony Brook, New York

171) Abstract 1668

DIFFERENTIAL PATTERN OF ACUTE BIOLOGICAL RESPONSE TO TRAUMA IN CHILDREN WITH DISRUPTIVE BEHAVIOR

Nicole R. Nugent, Psychology, Kent State University, Kent, OH, Norman C. Christopher, Emergency Medicine, Akron Children's Hospital, Akron, OH, Douglas L. Delahanty, Tanya Church, Psychology, Kent State University, Kent, OH

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172) Abstract 1697

LONGITUDINAL ASSESSMENT OF PLASMA CORTISOL IN REPATRIATED PRISONERS OF WAR

James D. Bremner, Psychiatry and Radiology, Emory University School of Medicine, Atlanta, GA, Jeffrey Moore, Robert E. Mitchell Center for RPWs, Pensacola Naval Air Station, Pensacola, FL, Viola Vaccarino, Cardiology and Public Health, Emory University, Atlanta, GA, Kenneth Sausen, Warfighter Performance Program, Naval Health Research Center, San Diego, CA

173) Abstract 1544

REAL-TIME ASSESSMENT OF SUBJECTIVE SYMPTOMS AND CPT IN DEPRESSED PATIENTS USING ECOLOGICAL MOMENTARY ASSESSMENT

Rika Nakahara, Psychiatry, Teikyo University Mizonokuchi Hospital, Kanagawa, Japan, Kazuhiro Yoshiuchi, Psychosomatic Medicine, University of Tokyo, Tokyo, Japan, Yoshinori Cho, Psychiatry, Teikyo University Mizonokuchi Hospital, Kanagawa, Japan, Kyoko Ohashi, Psychiatry, McLean Hospital, Harvard Medical School, Belmont, Massachusetts, Yoshiharu Yamamoto, Education, Hiroaki Kumano, Akira Akabayashi, Psychosomatic Medicine, University of Tokyo, Tokyo, Japan

174) Abstract 1670

REAL-TIME ASSESSMENT OF DEPRESSIVE SYMPTOMS USING ECOLOGICAL MOMENTARY ASSESSMENT

Rika Nakahara, Psychiatry, Teikyo University Mizonokuchi Hospital, Kanagawa, Japan, Kazuhiro Yoshiuchi, Psychosomatic Medicine, University of Tokyo, Tokyo, Japan, Yoshinori Cho, Psychiatry, Teikyo University Mizonokuchi Hospital, Kanagawa, Japan, Kyoko Ohashi, Psychiatry, McLean Hospital, Harvard Medical School, Belmont, Massachusetts, Yoshiharu Yamamoto, Education, Hiroaki Kumano, Akira Akabayashi, Psychosomatic Medicine, University of Tokyo, Tokyo, Japan

175) Abstract 1557

A MULTISITE COMMUNITY-BASED STUDY OF SUICIDALITY AND PSYCHOSIS IN BIPOLAR SCHOOL-AGE CHILDREN

Ruby C. Castilla-Puentes, Epidemiology/Psychiatry, U. of North Carolina and U. of Pennsylvania, Philadelphia, PA, Sandra R. Castilla-Puentes, Clinic Physiology and Anesthesia, Wilma I. Castilla-Puentes, Obstetrics and Gynecology, Pedagogic and Technologic University of Colombia, Tunja, Boyaca, Colombia-SA, I. Sandra Lopez, Clinical Psychiatry, San Rafael Hospital, Mendoza, Argentina, Carlos Sanchez-Russi, Global Health Outcomes, INSA-Colombia-SA, Duitama, Boyaca, Colombia-SA, MariaTeresa Alvarado, Psychology, Consultorio Psicologico, Ciudad Juarez, Chihuahua, Mexico, Miguel E. Habeych, School of Pharmacy/Clinical Neurosurgery, University of Pittsburgh, Pittsburgh, PA

176) Abstract 1706

THE IMPACT OF RELIGIOUS BELIEF ON RESPONSE TO TREATMENT FOR CLINICAL DEPRESSION: A LONGITUDINAL ANALYSIS

Patricia E. Murphy, Religion, Health, and Human Values, and Psychiatry, George Fitchett, RHHV, and Preventive Medicine, Rush University Medical Center, Chicago, IL

177) Abstract 1638

BACKGROUND PERCEIVED STRESS IS ASSOCIATED WITH ATTENUATED ADRENOCORTICAL REACTIVITY TO LABORATORY STRESSORS IN CHILDREN AND ADOLESCENTS

Laura R. Stroud, Catherine H. Solomon, Psychiatry, Brown Medical School, Providence, RI, Kathryn Handwerger, Psychology, Tufts University, Medford, MA, Emily Stopa, Raymond Niaura, Psychiatry, Brown Medical School, Providence, RI

178) Abstract 1802

SOCIAL INJUSTICE IS ASSOCIATED WITH PSYCHOLOGICAL DISTRESS IN SWEDEN

Sarah Wamala, Research Department, National Institute of Public Health, Stockholm, Sweden

179) Abstract 1640

VALIDATION OF THE HOSPITAL ANXIETY AND DEPRESSION SCALE AGAINST THE MINI INTERNATIONAL NEUROPSYCHIATRIC INTERVIEW IN POPULATION OF PRIMARY CARE PATIENTS

Adomas Bunevicius, Faculty of Medicine, Kaunas University of Medicine, Garliava, Kauno rajonas, Lithuania, Jurate Peceliuniene, Family Medicine Clinic, Narseta Mickuviene, Institute of Endocrinology, Robertas Bunevicius, Institute of Endocrinology, Kaunas University of Medicine, Kaunas, Lithuania

180) Abstract 1378

BRAIN POTENTIALS IN EATING DISORDERS: DIFFERENTIAL MEMORY EFFECTS FOR FOOD AND NON-FOOD WORDS

Friedhelm Lamprecht, Psychosomatic Medicine, Hannover Medical School, Hannover, Germany, Thomas F. Munte, Neurology, Otto-von-Guericke-University, Magdeburg, Germany, Burkard Jaeger, Gerhard Schmid-Ott, Psychosomatic Medicine, Hannover Medical School, Hannover, Germany, Matthias Kleiser, Neuropsychology, Otto-von-Guericke-University, Magdeburg, Germany, Jane Banfield, Neuropsychology, Otto-von-Guericke-University, Magdeburg, Germany

181) Abstract 1067

RELATIONSHIP BETWEEN PATTERNS OF BRAIN ORGANIZATION AND MIGRAINE WITH AND WITHOUT AURA

Noble Endicott, New York State Psychiatric Institute, New York, New York

182) Abstract 1068

PATTERNS OF BRAIN ORGANIZATION, MIGRAINE HEADACHES, AND SUICIDE ATTEMPTS

Noble Endicott, New York State Psychiatric Institute, New York, New York

183) Abstract 1160

ASSOCIATION OF MATERNAL MAJOR DEPRESSION AND OVERCONTROL WITH A FAILURE TO SHOW A CORTISOL BUFFERED RESPONSE IN FOUR-MONTH-OLD INFANTS OF TEENAGE MOTHERS

Rima Azar, Women's Health Program, University Health Network, Toronto, Canada, Daniel Paquette, Psychology, University of Montreal, Montreal, Canada, Mark Zoccolillo, Psychiatry, Franziska Baltzer, Pediatrics, McGill University, Montreal, Canada, Richard E. Tremblay, GRIP, University of Montreal, Montreal, Canada, Donna E. Stewart, Women's Health Program, University Health Network, Toronto, Canada

184) Abstract 1656

FUNCTIONAL MAGNETIC RESONANCE IMAGING STUDY OF COGNITIVE FLEXIBILITY IN ANOREXIA NERVOSA USING THE WISCONSIN CARD SORTING TEST: A PRELIMINARY STUDY

Yasuhiro Sato, Psychosomatic Medicine, Tohoku University Hospital, Sendai, Miyagi, Japan, Naohiro Saito, Psychiatry, University of Pennsylvania, Philadelphia, PA, Atsushi Utsumi, Psychosomatic Medicine, Tohoku University Hospital, Sendai, Miyagi, Japan, Natsuki Ozawa, Behavioral Medicine, Hajime Mushiake, Physiology, Shin Fukudo, Behavioral medicine, Tohoku University, Sendai, Miyagi, Japan, Michio Hongo, Comprehensive Medicine, Tohoku University Hospital, Sendai, Miyagi, Japan

185) Abstract 1447

PHYSIOLOGICAL ABNORMALITIES IN CHRONIC FATIGUE SYNDROME DURING ORTHOSTATIC CHALLENGE

BH Natelson, NS Cherniack, J FitzGibbons, R Intriligator, H Chandler, UMDNJ-New Jersey Medical School, East Orange, NJ, JM Stewart, New York Medical College, Valhalla, NY

186) Abstract 1464

THE CHALLENGE OF ACHIEVING OPTIMAL LEVELS OF ASTHMA CONTROL: THE IMPACT OF ASTHMA SELF-EFFICACY

K L. Lavoie, Chest Medicine, Psychology, Hôpital du Sacré-Coeur, UQAM, Montreal, Quebec, Canada, M Joseph, Chest Medicine, Psychology, Hôpital du Sacré-Coeur, McGill, Montreal, Quebec, Canada, H Favreau, M Labrecque, Chest Medicine, Hôpital du Sacré-Coeur, Montreal, Quebec, Canada, T S. Campbell, Psychology, U Calgary, Calgary, Alberta, Canada, S L. Bacon, Chest Medicine, Hôpital du Sacré-Coeur, Montreal, Quebec, Canada

187) Abstract 1021

DOES HARBORING HOSTILITY HURT? ASSOCIATIONS BETWEEN HOSTILITY AND PULMONARY FUNCTION IN THE CARDIA STUDY

Benita Jackson, Psychology, Smith College, Northampton, MA, Laura D. Kubzansky, Society, Human Development, and Health, Harvard School of Public Health, Boston, MA, Sheldon Cohen, Psychology, Carnegie Mellon University, Pittsburgh, PA, David R. Jacobs, Epidemiology and Community Health, University of Minnesota, Minneapolis, MN, Rosalind J. Wright, Channing Laboratory, Harvard Medical School, Boston, MA

188) Abstract 1713

NEUROTROPHIN EXPRESSION IN RESPONSE TO ACADEMIC STRESS IN ASTHMATIC AND HEALTHY STUDENTS

Mats Lekander, Dpt of Clinical Neuroscience, Cecilia Kemi, Dpt of Medicine, Karolinska Institutet, Stockholm, Sweden, Jennie T. Axén, Dpt of Clinical Neuroscience, Karolinska Institute, Stockholm, Sweden, Johan Grunewald, Dpt of Medicine, Karolinska Institutet, Stockholm, Sweden, Pontus Stierna, Dpt of Clinical Sciences, Karolinska Institutet, Huddinge, Sweden, Anders Eklund, Reidar Gronneberg, Dpt of Medicine, Susanna Jernelov, Dpt of Clinical Neuroscience, Caroline Olgart Hoglund, Dpt of Medicine, Karolinska Institutet, Stockholm, Sweden

189) Abstract 1577

THE IMPACT OF SARS STUDY: LONG-TERM PSYCHOLOGICAL CONSEQUENCES FOR HEALTHCARE WORKERS

William J. Lancee, Psychiatry, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, Canada, The Impact of SARS Study Team (20 Authors), McMaster University, Hamilton, and University of Toronto, Toronto, Ontario, Canada

190) Abstract 1113

THE EFFECTS OF CHRONIC STRESS AND SLEEP ON PULMONARY FUNCTIONING IN CHILDREN WITH ASTHMA

Margaret D. Hanson, Edith Chen, Psychology, University of British Columbia, Vancouver, British Columbia, Canada

191) Abstract 1674

EFFECT OF STRESS ON EOTAXIN AND EXPRESSION OF ADHESION MOLECULES IN A MURINE MODEL OF ALLERGIC AIRWAY INFLAMMATION

Ricarda A. Joachim, Viktoriya Sagach, Internal Medicine, David Quarcoo, Pediatric Pneumology/ Immunology, Thai Q. Dinh, Petra C. Arck, Burghard F. Klapp, Internal Medicine, Charité-Universitätsmedizin Berlin, Berlin, Germany

192) Abstract 1306

TRAIT ANXIETY, CORTISOL REACTIVITY TO ACUTE STRESS & UPPER RESPIRATORY INFECTION

Andrea T. Shafer, Psychology, IUPUI, Indianapolis, IN, Natalie Hamrick, Anesthesia, IU School of Medicine, Indianapolis, IN, Angela E. Swift, Joshua Dyer, Heather N. Musselman, Psychology, IUPUI, Indianapolis, IN, Jianping Zhang, Psychiatry-Psychology, Cleveland Clinic Foundation, Cleveland, OH, Hsin-Hua Lin, Psychology, IUPUI, Indianapolis, IN

193) Abstract 1162

EFFECTIVENESS OF A BEHAVIORAL SELF-MANAGEMENT INTERVENTION TO IMPROVE HEALTH-RELATED QUALITY OF LIFE IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE

H Favreau, K L. Lavoie, Chest Medicine, Psychology, Hôpital du Sacré-Coeur, UQAM, Montreal, Quebec, Canada, K Rahbi, Pneumology, M Labrecque, Chest Medicine, Hôpital du Sacré-Coeur, Montreal, Quebec, Canada

194) Abstract 1669

PSYCHOSOCIAL REGULATION OF IMMUNE SUSCEPTIBILITY IN CHILDHOOD: THE ROLE OF CHILD TEMPERAMENT AND EXPERIENCE OF TRANSITION TO SCHOOL

Julie M. Turner-Cobb, Lorna Rixon, Department of Psychology, University of Bath, Bath, UK, DAVID S. JESSOP, Department of Clinical Sciences, University of Bristol, Bristol, UK

195) Abstract 1562

THE IMPACT OF SARS STUDY. LONG-TERM OCCUPATIONAL CONSEQUENCES OF PROVIDING CARE FOR SEVERE ACUTE RESPIRATORY SYNDROME PATIENTS: BURNOUT AND PLANNED CAREER CHANGES

R. G. Maunder, Psychiatry, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, Canada, The Impact of SARS Study Team (20 authors), McMaster University, Hamilton, and University of Toronto, Toronto, Ontario, Canada

196) Abstract 1587

AIRWAY RESPONSE TO BLOOD AND INJURY STIMULI AND VASOVAGAL DYSREGULATION: A COMPARISON OF ASTHMATICS, BLOOD PHOBICS, AND HEALTHY CONTROLS

Thomas Ritz, Psychology, Southern Methodist University, Dallas, TX, Frank H. Wilhelm, Psychology, University of Basel, Basel, Switzerland, Alicia E. Meuret, Psychology, Southern Methodist University, Dallas, TX, Alexander L. Gerlach, Psychology, University of Muenster, Muenster, Germany, Walton T. Roth, Psychiatry, Stanford University, and VAPAHCs, Palo Alto, CA

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197) Abstract 1607

TESTING THE VAGAL PATHWAY FOR EMOTION-INDUCED AIRWAY OBSTRUCTION IN ASTHMA: FINDINGS WITH PHARMACOLOGIC BLOCKADE

Kullowatz Antje, Psychology, Southern Methodist University, Dallas, TX, Hans-Juergen Smith, Viasys Healthcare, Hoechberg, Germany, Frank Kannies, Pulmonary Research Institute, Hospital Grosshansdorf, Grosshansdorf, Germany, Helgo Magnussen, Center for Pneumology and Thoracic Surgery, Krankenhaus Grosshansdorf, Grosshansdorf, Germany, Bernhard Dahme, Psychology, University of Hamburg, Hamburg, Germany, Thomas Ritz, Psychology, Southern Methodist University, Dallas, TX

198) Abstract 1462

THE IMPACT OF JOB STRESS IN PATIENTS UNDER INVESTIGATION FOR OCCUPATIONAL ASTHMA

M Joseph, Chest Medicine, Psychology, Hôpital du Sacré-Coeur, McGill, Montreal, Quebec, Canada, S L. Bacon, H Favreau, M Labrecque, JL Malo, Chest Medicine, Hôpital du Sacré-Coeur, Montreal, Quebec, Canada, B Ditto, Psychology, McGill, Montreal, Quebec, Canada, K L. Lavoie, Chest Medicine, Psychology, Hôpital du Sacré-Coeur, UQAM, Montreal, Quebec, Canada

199) Abstract 1686

CHILDHOOD SEXUAL TRAUMA & DISTRESS DURING COLPOSCOPIC EXAMINATION AMONG HIV+ WOMEN AT RISK FOR CERVICAL CANCER

D Pereira, Clinical & Health Psychology, U FL, Gainesville, FL, R Rose, M Peake, I Buscher, Psychology, U Miami, Coral Gables, FL, N Cross, Clinical and Health Psychology, U FL, Gainesville, FL, T Simon, OB/GYN, U Miami, Miami, FL, M Antoni, Psychology, U Miami, Coral Gables, FL

6:00-9:00pm

Council Dinner Meeting

Granite Room

6:30-7:30pm

Student/Trainee Social Hour

Mineral Hall F

This social event is designed to offer an opportunity for students to develop and maintain connections with fellow student members of APS. Come discuss possible collaboration and research opportunities over a drink and some snacks.

Saturday, March 4, 2006

7:00am

Registration Opens
Capitol Ballroom Foyer

7:30-9:00am

2007 Program Committee Breakfast Meeting
Agate C

9:00-9:45am

Business Meeting
Capitol Ballroom 5-7

The APS Business Meeting is open to all members. The meeting will take place Saturday morning from 9:00 - 9:45am. Come hear brief updates from the APS leadership regarding the previous year's activities, and plans for the upcoming year. This is a great opportunity to become involved in the activities of the Society, and learn more about what APS has to offer you.

9:45-10:00am

Break
Capitol Ballroom Foyer

10:00-10:50am

Patricia R. Barchas Award Lecture: Do Positive Emotions Influence Health?
Sheldon Cohen (introduced by Jack Barchas)
Capitol Ballroom 5-7

Dr. Cohen will discuss the nature of positive affect (PA) and how it might influence physical health. He will then provide a short review of the literature associating PA with mortality, morbidity, recovery, symptoms and pain. He will outline the conceptual and methodological limitations of the existing work, and present studies from his own laboratory on the role of PA in health behaviors, endocrine and immune response, susceptibility to the common cold, and the reporting of unbound symptoms.

11:00-11:50am

Alvin P. Shapiro Award Lecture: Psychosocial Factors and CVD: 2006
C. Noel Bairey Merz (introduced by Karen Matthews)
Capitol Ballroom 5-7

By attending this lecture, attendees will become better familiarized with:

1. Causal versus associative linkages between psychosocial variables and cardiovascular disease;
2. Potential pathophysiological mechanisms of association between psychosocial variables and cardiovascular disease;
3. Randomized clinical trials aimed at treating or intervening psychosocial variables on the outcome of cardiovascular disease.

12:00-1:15pm

Lunch on your own OR Roundtable Lunches

Roundtable 10: Early Career Award Mechanisms
Facilitators: Mercedes Rubio, Paige McDonald, Jill Cyranowski, and Tené Lewis
Agate B

A major task in initiating a successful independent research career in psychosomatic medicine includes obtaining National Institute of Health (NIH) research funding. The current roundtable discussion will focus on issues related to applying for and obtaining NIH early career awards. Discussion will include a broad overview of the types of early career funding mechanisms available, steps involved in deciding which institute might be interested in supporting your research, and up-to-date information on current areas of NIH funding emphasis.

Note that this timely roundtable discussion will include up-to-date information on the newly-released NIH program announcement PA-06-133, "NIH Pathway to Independence Award" (K99/R00), with a brief presentation and discussion by program officers.

Roundtable 11: IOM's Medical Education Agenda: challenging the hegemony of the biomedical model in undergraduate medical education
Herb Ochitill and Steven Locke
Marble Room

The IOM report, "Improving Medical Education: Enhancing the Behavioral and Social Science Content of Medical School Curricula," called for greater integration of behavioral and social science input into medical school education. Faculty members undertaking this effort have encountered both opportunities and challenges at their medical schools. We will hear progress reports from pioneers at three schools where APS members are leading change. The luncheon roundtable will provide an opportunity to discuss these innovative educational programs, and to facilitate networking and mutual support.

Roundtable 12: The Use of Hypnosis in Medical Research
Jeanne Hernandez
Agate C

The roundtable discussion may be based upon a handout that reviews current research using hypnosis as the vehicle for improving medical conditions or symptoms, rather than research on hypnosis itself. Information will be available about hypnosis, hypnosis training, and the new and classic uses of hypnosis in medicine. We will be able to network and support each other in research endeavors as well. The intention is to encourage and facilitate medical research using hypnosis among APS members and other attendees, in any way attendees request.

Saturday, March 4, 2006

Roundtable 13: Can Depression Treatment Improve Co-existing Medical Illnesses?

Elizabeth H. B. Lin

Agate A

Depression is more common among chronically-ill patients relative to their healthier cohort. Moreover, depressed patients with chronic medical conditions (e.g. diabetes and heart disease) show worse medical and clinical outcomes. Systematic depression management among medically ill patients with concurrent depression demonstrate mood, and functional benefits at no additional cost, or even cost savings. With increasing focus on disease management, how would depression be optimally treated?

1:15-3:15pm

3 Concurrent Sessions

Paper Session

Depression and Disease

Chair: Peter Shapiro

Mineral Hall A

Abstract 1760

STRESS REACTIVITY IN METASTATIC BREAST CANCER PATIENTS: EFFECTS OF DEPRESSION

Janine Giese-Davis, Psychiatry, Stanford University

Abstract 1714

CIRCADIAN AFFECTIVE, CARDIOPULMONARY, AND CORTISOL VARIABILITY IN DEPRESSED AND NONDEPRESSED INDIVIDUALS AT RISK FOR CARDIOVASCULAR DISEASE

Ansgar Conrad, Psychiatry, Stanford University, Frank H. Wilhelm, Psychology, University of Basel, David Spiegel, Psychiatry, Stanford University

Abstract 1129

LATE-LIFE DEPRESSION IS ASSOCIATED WITH BOTH HYPER- AND HYPOACTIVITY OF THE HPA-AXIS

Brenda Penninx, Aartjan Beekman, Witte Hoogendijk, Psychiatry, VU University Medical Center, Amsterdam, The Netherlands, Luigi Ferrucci, Longitudinal Studies Section, National Institute on Aging, Baltimore, MD, Jack Guralnik, Laboratory of Epidemiology, Demography and Biometry, National Institute on Aging, Bethesda, MD

Abstract 1086

DEPRESSIVE SYMPTOMS AND INTRA-ABDOMINAL FAT IN CAUCASIAN AND AFRICAN-AMERICAN WOMEN AT MID-LIFE

Susan A. Everson-Rose, Kelly Karavolos, Tene T. Lewis, Deidre E. Wesley, Lynda H. Powell, Preventive Medicine, Rush University Medical Center, Chicago, IL

Abstract 1263

DEPRESSION AS A RISK FACTOR FOR THE ONSET OF TYPE 2 DIABETES MELLITUS. A META-ANALYSIS

Mirjam J. Knol, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands, Jos W. Twisk, Clinical Epidemiology and Biostatistics, Aartjan T. Beekman, Robert J. Heine, Frank J. Snoek, Francois Pouwer, Institute for Research in Extramural Medicine, VU Medical Center, Amsterdam, The Netherlands

Abstract 1423

POST-ACS DEPRESSION IS ASSOCIATED WITH CEREBRAL DEEP WHITE MATTER CHANGES

Michael A. Rapp, Department of Psychiatry, David A. Lessman, Medical School, Cheuk Y. Tang, Department of Radiology, Robert Paulino, Steven Williams, Department of Internal Medicine, Nina Rieckmann, Department of Psychiatry, Mount Sinai School of Medicine, New York, NY, Karina W. Davidson, Behavioral Cardiovascular Health, Columbia University, New York, NY

Abstract 1434

DEPRESSIVE SYMPTOMS INDEPENDENTLY PREDICT RECURRENCE OF ATRIAL FIBRILLATION AFTER ELECTRICAL CARDIOVERSION

Christoph Herrmann-Lingen, Psychosomatic Medicine, Philipp's University, Marburg, Germany, Helmut W. Lange, Heart Center Bremen, Bremen, Germany

Abstract 1240

ASSOCIATION OF DEPRESSION WITH MORTALITY AT 7-YEAR FOLLOW-UP AFTER CORONARY ARTERY BYPASS GRAFT SURGERY

Ingrid Connerney, Surgery, University of Maryland, Baltimore, Maryland, Richard P. Sloan, Psychiatry, Emilia Bagiella, Biostatistics, Peter A. Shapiro, Psychiatry, Columbia University, New York, NY

Symposium 1145

NEUROIMAGING OF AUTONOMIC-CARDIAC REACTIVITY IN HEALTH AND DISEASE

Chair: Peter J. Gianaros

Capitol Ballroom 5

Individual Abstract Number:1572

A MODEL OF NEUROVISCERAL INTEGRATION: AN OVERVIEW WITH IMPLICATIONS FOR HEALTH AND DISEASE

Julian F. Thayer, GRC/LPC, National Institute on Aging

Individual Abstract Number:1290

NEURAL CORRELATES OF CARDIAC REACTIVITY DURING EMOTIONAL INFORMATION PROCESSING IN UNIPOLAR DEPRESSION

Greg J. Siegle, Psychiatry, University of Pittsburgh School of Medicine, Stuart R. Steinhauer, Psychiatry, University of Pittsburgh School of Medicine / VA Pit, Cameron S. Carter, Psychology/Psychiatry, University of California, Davis, Michael E. Thase, Psychiatry, University of Pittsburgh School of Medicine

Individual Abstract Number:1287

INCREASED AMYGDALA ACTIVATION IN SUBJECTS WITH MAJOR DEPRESSION IS RELATED TO SYMPATHOVAGAL BALANCE

Scott C. Matthews, Psychiatry, University of California San Diego

Individual Abstract Number:1418

ROLE OF BRAIN-HEART INTERACTIONS IN STABILISING AND DESTABILISING CARDIAC ELECTROPHYSIOLOGY

Peter Taggart, Department of Cardiology, University College London

Individual Abstract Number:1336

APPRAISAL ABOUT CONTROLLABILITY OF ACUTE STRESSOR AND BRAIN-CARDIAC-IMMUNE ASSOCIATION

Hideki Ohira, Psychology, Nagoya University, Michio Nomura, Psychology, Tokai Women's University, Naho Ichikawa, Tokiko Isowa, Kenta Kimura, Psychology, Nagoya University

Individual Abstract Number:1146

CHRONIC STRESSFUL EXPERIENCES PREDICT BRAIN ATROPHY AND DYSREGULATED PARASYMPATHETIC-CARDIAC CONTROL DURING ACUTE STRESS

Peter J. Gianaros, Leslie A. Mitrik, Lena B. Gemmer, Karen A. Matthews, J. Richard Jennings, Department of Psychiatry, University of Pittsburgh

Symposium 1442 (1:15-2:15pm)

FINDING BENEFITS IN ADVERSITY: PSYCHOLOGICAL AND PHYSIOLOGICAL PROCESSES

Chair: Annette L. Stanton

Discussant: Suzanne C. Segerstrom

Mineral Hall A

Individual Abstract Number:1678

DOES BENEFIT FINDING DIFFER BY TYPE OF CANCER?

Suzanne Lechner, Psychiatry, University of Miami School of Medicine

Individual Abstract Number:1476

STRESS, POSTTRAUMATIC GROWTH, AND LEUKOCYTE AGING

Elissa Epel, Wendy Wolfson, Psychiatry, University of California, San Francisco

Individual Abstract Number:1453

STRESS MANAGEMENT INTERVENTION EFFECTS ON BENEFIT FINDING, POSITIVE OUTCOMES AND PHYSIOLOGICAL REGULATION FOR WOMEN TREATED FOR BREAST CANCER

Michael H. Antoni, Charles S. Carver, Psychology, University of Miami, Suzanne Lechner, Psychiatry and Behavioral Sciences, University of Miami Miller School of Medicine

Symposium 1414 (2:15-3:15pm)

THEORY TO PRACTICE IN EXPRESSIVE WRITING INTERVENTIONS: EFFECTS OF EXPERIMENTAL CONTEXT AND PARTICIPANT ATTRIBUTES

Chair: Annette L. Stanton

Discussant: Lorenzo Cohen

Mineral Hall A

Individual Abstract Number:1419

THE ROLE OF CONTEXT IN THE EFFECTIVENESS OF AN EXPRESSIVE WRITING INTERVENTION

Deborah Nazarian, Joshua M. Smyth, Psychology, Syracuse University

Individual Abstract Number:1439

HOW HEALTH BENEFITS OF EXPRESSIVE WRITING VARY AS A FUNCTION OF WRITING INSTRUCTIONS, ETHNICITY, AND PERSONALITY

Qian Lu, Annette L. Stanton, Psychology, University of California, Los Angeles

Individual Abstract Number:1435

WRITING ABOUT EMOTIONS VERSUS GOALS IN THIRD-YEAR MEDICAL STUDENTS: EFFECTIVE FOR WHOM?

Jennifer L. Austenfeld, Psychology, University of Kansas, Annette L. Stanton, Psychology, University of California, Los Angeles

3:15-3:30pm

Break

Capitol Ballroom Foyer

3:30-5:00pm

3 Concurrent Sessions

Symposium 1122

PROLONGED STRESS-RELATED ACTIVATION AND HEALTH

Chairs: Jos F. Brosschot and Julian F. Thayer

Discussant: Wolfgang Linden

Capitol Ballroom 5

Individual Abstract Number:1238

BLUNTED RSA REACTIVITY AND RECOVERY IN MAJOR DEPRESSIVE DISORDER

Kristen Salomon, Jonathan Rottenberg, April Clift, Kate Rieger, Psychology, University of South Florida

Individual Abstract Number:1212

ENHANCING CARDIOVASCULAR RECOVERY FROM ACUTE STRESS WITH EXPERIMENTAL INTERVENTIONS

Nicholas Christenfeld, Sky Chafin, Psychology, University of California, San Diego

Individual Abstract Number:1233

ANGER PROVOCATION CAUSES ANGER! (SOMETIMES)

Bill Gerin, Medicine, Columbia University

Individual Abstract Number:1139

WORRY DURATION MEDIATES EFFECTS OF DAILY STRESS ON HEART RATE VARIABILITY DURING WAKING AND SUBSEQUENT NOCTURNAL SLEEPING

Jos F. Brosschot, Psychology, Leiden University, Julian F. Thayer, Emotions & Quantitative Psychophysiology Section, National Institute on Aging

Individual Abstract Number:1127

IMPAIRED POST-STRESS BLOOD PRESSURE RECOVERY AND CARDIOVASCULAR DISEASE RISK

Andrew Steptoe, Epidemiology and Public Health, University College London

Saturday, March 4, 2006

Paper Session

Biological and Genetic Pathways in Disease

Chair: *Jeanne McCaffrey*

Mineral Hall B-C

Abstract 1197

ABDOMINAL ADIPOSITY AND RISK OF HOT FLASHES AMONG A BIRACIAL SAMPLE OF MIDLIFE WOMEN

Rebecca C. Thurston, Psychiatry, Karen A. Matthews, Psychiatry, Psychology, Epidemiology, Daniel Edmundowicz, Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, Kim Sutton-Tyrrell, Epidemiology, University of Pittsburgh Graduate School of Public, Pittsburgh, PA

Abstract 1155

ALLOPREGNANOLONE, ETHNICITY, AND PAIN SENSITIVITY

Beth Mechlin, A. Leslie Morrow, Psychiatry, William Maixner, Dentistry, Susan S. Girdler, Psychiatry, University of North Carolina, Chapel Hill, NC

Abstract 1545

DEPRESSIVE SYMPTOMS AND HOMOCYSTEINE: THE TWINS HEART STUDY

Viola Vaccarino, James D. Bremner, Jerome Abramson, James Ritchie, Carisa Maisano, Olga Novik, Medicine, Linda Jones, Emory University, Atlanta, GA, Jack Goldberg, Vietnam Era Twin Registry, Seattle, WA

Abstract 1707

DEPRESSIVE SYMPTOMS AND INFLAMMATION: IS THERE A SHARED GENETIC VULNERABILITY?

Viola Vaccarino, James D. Bremner, Andrew H. Miller, Jerome L. Abramson, Linda Jones, Faiz A. Cheema, Emory University, Atlanta, GA, Jack Goldberg, Vietnam Era Twin Registry, Seattle, WA

Abstract 1394

EMERGENCE OF NOVEL GENETIC EFFECTS ON BLOOD PRESSURE AND UNDERLYING HEMODYNAMICS IN ADOLESCENCE. LONGITUDINAL EVIDENCE FROM THE GEORGIA CARDIOVASCULAR TWIN STUDY

Harold Snieder, Georgia Prevention Institute, Medical College of Georgia, Augusta, GA, Kupper Nina, Biological Psychology, Free University, Amsterdam, The Netherlands, Dongliang Ge, Frank A. Treiber, Georgia Prevention Institute, Medical College of Georgia, Augusta, GA

Abstract 1274

HUMAN CHOLINE TRANSPORTER GENE VARIATION IS ASSOCIATED WITH CORTICOLIMBIC REACTIVITY AND AUTONOMIC CARDIAC FUNCTION

Serina A. Neumann, Psychology, Sarah M. Brown, Psychiatry, Robert E. Ferrell, Human Genetics, University of Pittsburgh, Pittsburgh, PA, Janine D. Flory, Psychiatry, Mount Sinai School of Medicine, New York, NY, Stephen B. Manuck, Psychology, Ahmad R. Hariri, Psychiatry, University of Pittsburgh, Pittsburgh, PA

Paper Session

Biological, Social and Psychological Correlates of Disease Outcomes in Infancy Through Adolescence

Chair: *Mary-Frances O'Connor*

Mineral Hall A

Abstract 1321

PREVALENCE & PSYCHOLOGICAL PREDICTORS OF ADOLESCENT RECURRENT PAIN

Elizabeth A. Stanford, Edith Chen, Psychology, University of British Columbia, Vancouver, BC, Canada, Christine T. Chambers, Pediatrics & Psychology, Dalhousie University, Halifax, Nova Scotia, Canada

Abstract 1752

FAMILY RELATIONAL FACTORS IN PEDIATRIC DEPRESSION AND ASTHMA: POSSIBLE PATHWAYS OF EFFECT

Beatrice L. Wood, Bruce D. Miller, JungHa Lim, Chiun yu Hsu, James G. Waxmonsky, Psychiatry, SUNY at Buffalo, School of Medicine and Biomedical S, Buffalo, New York

Abstract 1753

ANS DYSREGULATION IN DEPRESSED ASTHMATIC CHILDREN UNDER EMOTIONAL STIMULATION

Bruce D. Miller, Beatrice L. Wood, Chiun yu Hsu, JungHa Lim, James G. Waxmonsky, Psychiatry, SUNY at Buffalo, School of Medicine and Biomedical S, Buffalo, New York

Abstract 1451

MATERNAL STRESS AND CORTISOL CIRCADIAN RHYTHM IN HIGH-RISK INFANTS

Dorie A. Glover, Psychiatry and Biobehavioral Sciences, UCLA Semel Institute for Neuroscience & Human Behav, Los Angeles, CA

Abstract 1619

DEPRESSION RISK STATUS AND CORTISOL IN A LOW-INCOME OBSTETRIC POPULATION: IMPACT OF A PRENATAL INTERVENTION

Guido Urizar, Stanford University, Stanford, CA

Abstract 1632

EVALUATING PERINATAL GLUCOCORTICOIDS AND PSYCHONEUROIMMUNOLOGY OF PRETERM INFANTS BEHAVIORAL DEVELOPMENT

Isabell B. Purdy, Pediatrics, UCLA School of Medicine, Lynne Smith, Pediatrics, Harbor UCLA

5:00-6:15pm

Poster Session III

Capitol Ballroom 1-4

200) Abstract 1762

PSYCHOSOCIAL CORRELATES OF PSA LEVELS IN MEN ATTENDING PROSTATE CANCER SCREENING CLINICS

Arlene R. King, Epidemiology, Columbia University, New York, NY, Richard J. Macchia, Urology, Downstate, SUNY, Brooklyn, NY, Carol Magai, Nathan S. Consedine, Psychology, Long Island University, Brooklyn, NY, Howard L. Adler, Urology, SUNY, Stony Brook, Stony Brook, NY, James M. McKiernan, Erik T. Goluboff, Brian A. Stone, David B. Samadi, Urology, Alfred I. Neugut, Medicine, Columbia University Medical Center, New York, NY

201) Abstract 1720

COPING WITH LOSS OF CONTROL RELATED TO LUNG CANCER: ENDOCRINE AND IMMUNE ASSOCIATIONS

Sandra Sephton, Inka Weissbecker, Eric Dedert, Andrea Floyd, Psychological and Brain Sciences, Jamie Studts, Dept. of Medicine, University of Louisville, Louisville, KY

202) Abstract 1662

BREAST CANCER-RELATED TRAUMA PREDICTS FAILURE TO FIND AT FOLLOW-UP IN LONGITUDINAL RECURRENCE STUDY: PERCEIVED PARTNER SUPPORT MODERATES TRAUMA AND REDUCES ODDS OF ATTRITION

Roselyn G. Smith, Epidemiology and Public Health, University of Miami, Miller School of Medicine, Miami, FL, Charles Carver, Michael Antoni, Maria Llabre, Frank Penedo, Psychology, University of Miami, Coral Gables, FL

203) Abstract 1671

EFFECT OF SUDARSHAN KRIYA AND PRANAYAM ON IMMUNE STATUS, QUALITY OF LIFE AND CHEMOTHERAPY SIDE EFFECTS IN CANCER PATIENTS

Vinod Kochupillai, Medical Oncology, Department of Medical Oncology, New Delhi, New Delhi, India, Manju Sengar, Medical Oncology, Institute Rotary Cancer Hospital, New Delhi, New Delhi, India

204) Abstract 1769

DISTRESS AND PHYSICAL IMPAIRMENT IN LUNG CANCER: A TEST OF MEDIATION BY ENDOCRINE AND IMMUNE FACTORS

Inka Weissbecker, Eric Dedert, Dept. of Psychological and Brain Sciences, Jamie Studts, School of Medicine, Andrea Floyd, Sandie Sephton, Dept. of Psychological and Brain Sciences, University of Louisville, Louisville, KY

205) Abstract 1691

SLEEP DIFFICULTIES IN ENDOMETRIAL CANCER PATIENTS: SYMPTOMS AND COMORBIDITIES

N Cross, S Jensen, L Yuill, M Hosonitz, Psychology, U of FL, Gainesville, FL, D Ripley, L Morgan, OB-GYN, U of FL & Shands Hosp, Gainesville, FL, D Pereira, Psychology, U of FL, Gainesville, FL

206) Abstract 1726

INCREASES IN DEPRESSION ARE ASSOCIATED WITH POORER ADHERENCE TO RADIOTHERAPY TREATMENT

Kristin M. Kilbourn, Behavioral Studies, AMC Cancer Research Center, Denver, CO, Kirsten Martin, Psychology, University of Colorado at Denver, Denver, CO, Patricia Durning, Clinical and Health Psychology, University of Florida, Gainesville, FL

207) Abstract 1722

METABOLIC SYNDROME AND CARDIOVASCULAR FITNESS

Timothy S. Freson, Jennifer E. Stevenson, Bruce R. Wright, Health and Wellness Services, Washington State University, Pullman, WA

208) Abstract 1693

CARDIOVASCULAR DISEASE RISK FACTORS AND EXERCISE IN THE COLLEGE POPULATION

Timothy S. Freson, Bruce R. Wright, Christina M. Chapman, Health and Wellness Services, Washington State University, Pullman, WA

209) Abstract 1768

PRECLINICAL DIFFERENCES IN METABOLIC SYNDROME MEASURES OF CARDIOVASCULAR DISEASE RISK IN HYPER- AND NORMO-COLD PRESSOR REACTORS

LaMista M. Johnson, Barry E. Hurwitz, Martin Bilsker, Jay Skyler, Alex Gonzalez, Meela Parker, Nancy Gonzalez, Jennifer Marks, Neil Schneiderman, Behavioral Medicine Research Center, University of Miami, Miami, FL

210) Abstract 1608

SEROTONIN TRANSPORTER POLYMORPHISM AND DEPRESSION AMONG ACUTE CORONARY SYNDROME PATIENTS

Jeanne M. McCaffery, Psychiatry and Human Behavior, Brown Medical School, Providence, RI, Qingling Duan, Human Genetics, Nancy Frasure-Smith, Psychiatry, McGill University, Montreal, QC, Marie-Pierre Dube, Medicine, Pierre Theroux, Cardiology, Guy Rouleau, Medicine, Francois Lesperance, Psychiatry, University of Montreal, Montreal, QC

211) Abstract 1711

PLASMA CHOLESTEROL CONCENTRATIONS IN DEPRESSION AND POSTTRAUMATIC STRESS DISORDER

James D. Bremner, Psychiatry and Radiology, Viola Vaccarino, Cardiology and Public Health, Emory University, Atlanta, GA

212) Abstract 1705

SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHIC (SPECT) MEASUREMENT OF MYOCARDIAL PERFUSION IN REPATRIATED PRISONERS OF WAR

James D. Bremner, Psychiatry and Radiology, Emory University School of Medicine, Atlanta, GA, Kenneth Sausen, Warfighter Performance Program, Naval Health Research Center, San Diego, CA, Jeffrey Moore, Robert E. Mitchell Center for RPWs, Pensacola Naval Air Station, Pensacola, FL, Lai Reed, Psychiatry, Emory University School of Medicine, Atlanta, GA, Viola Vaccarino, Cardiology and Public Health, Emory University, Atlanta, GA

213) Abstract 1547

TYPE D PERSONALITY AND PREMATURE MYOCARDIAL INFARCTION: A CASE-CONTROL STUDY IN IRAN

Mohammad z. Pezeshki, Community Medicine, Tabriz University of Medical Sciences, Tabriz, East Azarbijan, Iran

214) Abstract 1553

ANTIDEPRESSANT USE IN CORONARY HEART DISEASE PATIENTS: IMPACT ON SURVIVAL

Lana L. Watkins, James A. Blumenthal, Jonathan R. Davidson, Psychiatry and Behavioral Sciences, Charles B. McCants, Christopher M. O'Connor, Michael H. Sketch, Jr., Department of Medicine, Duke Medical Center, Durham, NC

215) Abstract 1613

COMBINED INFLUENCE OF DEPRESSIVE SYMPTOMS AND HOSTILITY ON PSYCHOSOCIAL STRESS AND SOCIAL INTERACTIONS IN DAILY LIFE

Jesse C. Stewart, Psychiatry, Denise L. Janicki, Saul Shiffman, Thomas W. Kamarck, Psychology, University of Pittsburgh, Pittsburgh, PA

Saturday, March 4, 2006

216) Abstract 1618

DEPRESSIVE SYMPTOMS AND HOSTILITY EXERT A SYNERGISTIC EFFECT ON SERUM INTERLEUKIN-6 AND C-REACTIVE PROTEIN

Jesse C. Stewart, Psychiatry, Denise L. Janicki, Psychology, Matthew F. Muldoon, Medicine, Thomas W. Kamarck, Psychology, University of Pittsburgh, Pittsburgh, PA

217) Abstract 1688

STRESS RESPONSE IN OLDER ADULT CAREGIVERS: EVIDENCE FOR LOWER HEART RATE REACTIVITY

Natara Garovoy, Cynthia Castro, Abby King, Stanford School of Medicine, Stanford University, Stanford, CA

218) Abstract 1702

EATING DISORDER SYMPTOMS ARE ASSOCIATED WITH BIOLOGICAL AND PSYCHOLOGICAL CARDIOVASCULAR RISK FACTORS IN ADOLESCENTS

E Goldbacher, Psychology, K Matthews, Psychiatry, University of Pittsburgh, Pittsburgh, PA

219) Abstract 1630

DEPRESSED MOOD, TH1/TH2 RATIOS, AND HEART FAILURE

Laura S. Redwine, Medicine, Paul J. Mills, Suzi Hong, Thomas Rutledge, Psychiatry, University of California, San Diego, CA, Michael Irwin, Cousins Center, University of California, Los Angeles, CA

220) Abstract 1637

SYMPTOM PROFILES AND ASSOCIATIONS WITH ADVERSE OUTCOMES IN POST-MI PATIENTS

Elisabeth J. Martens, Otto R. Smith, Johan Denollet, Medical Psychology, Tilburg University, Tilburg, The Netherlands

221) Abstract 1660

ANALYSES OF ASSOCIATION OF SF-36 WITH CORONARY ARTERY DISEASE (CAD) RISK FACTORS, CAD PREVALENCE AND MORTALITY IN A HIGH RISK POPULATION: A PRECIS DATABASE STUDY

Jianping Zhang, Leo Pozuelo, Psychiatry and Psychology, Danielle Brennan, Brian Hoar, Byron Hoogwerf, Cardiology Prevention Clinic, Cleveland Clinic Foundation, Cleveland, OH

222) Abstract 1546

ANXIETY SYMPTOMS AND AUTONOMIC FUNCTION IN PATIENTS WITH IMPLANTABLE CARDIOVERTER DEFIBRILLATORS

Jennifer L. Francis, Willem J. Kop, Medical and Clinical Psychology, Shama Alam, Medicine, Mark C. Haigney, Medicine and Pharmacology, Uniformed Services University of the Health Sciences, Bethesda, MD, Pamela Karasik, Cardiology, VAMC, Washington, DC, Albert A. DelNegro, INOVA, Fairfax, VA, Anna Ghambaryan, Medical and Clinical Psychology, Uniformed Services University, Bethesda, MD, John S. Gottdiener, Medicine, University of Maryland, Baltimore, MD, David S. Krantz, Medical and Clinical Psychology, Uniformed Services University, Bethesda, MD

223) Abstract 1735

ESSENTIAL ELEMENTS OF BEHAVIORAL INTERVENTIONS TO PREVENT PROGRESSION OF HEART FAILURE: A META-ANALYSIS

Andrea T. Kozak, Preventive Medicine, Northwestern University, Chicago, IL, Cheryl Rucker-Whitaker, Sanjib Basu, James E. Calvin, Carlos Mendes de Leon, Lynda H. Powell, Preventive Medicine, Rush University Medical Center, Chicago, IL

224) Abstract 1542

ROLE OF DEPRESSION AND NEUROTICISM IN OPEN- AND CLOSE-ENDED SYMPTOM REPORTS AMONG MYOCARDIAL INFARCTION PATIENTS

M. Bryant Howren, Psychology, Rene Martin, Adult and Gerontological Nursing & Psychology, Ju Young Shin, Nursing, James Bunde, Psychology, Patricia Lounsbury, UIHC Heart Center, Ellen Gordon, College of Medicine/Internal Medicine, University of Iowa, Iowa City, IA

225) Abstract 1592

HIGH LEVELS OF ANGER OUT ARE ASSOCIATED WITH CORONARY ARTERY CALCIFICATION

Joni T. Howard, Bruce Wright, John M. Ruiz, Department of Psychology, Washington State University, Pullman, WA, C. Harold Mielke, Health Research and Education, Washington State University, Spokane, WA

227) Abstract 1605

MALADAPTIVE SOCIAL BEHAVIORS AND BELIEFS INFLUENCE SELF-REPORTED CARDIOVASCULAR HEALTH

Matthew C. Whited, Kevin T. Larkin, Psychology, West Virginia University, Morgantown, WV, Lynda M. Federoff, Psychology, Indiana University of Pennsylvania, Indiana, PA

228) Abstract 1745

ACCULTURATION PREDICTS C-REACTIVE PROTEIN LEVELS IN MEXICAN IMMIGRANTS

Patrick R. Steffen, Marcus Green, Psychology, Brigham Young University, Provo, UT

229) Abstract 1247

ANXIETY, STRESS, VITAL EXHAUSTION AND CYNICAL HOSTILITY IN IRRITABLE BOWEL SYNDROME

Michael P. Jones, Tiffany N. Havlicek, Jason Bratten, Laurie Keefer, Gastroenterology, Northwestern University, Chicago, IL

230) Abstract 1294

PERSONALITY FACTORS PREDICT QUALITY OF LIFE IN DISTRESSED PATIENTS WITH INFLAMMATORY BOWEL DISEASE (IBD). THE INSPIRE STUDY

Birgitte Boye, Psychiatry, Univ. of Oslo, Oslo, Norway, Ingard Wilhelmsen, Int. Med., Univ. of Bergen, Bergen, Norway, Joergen Jahnsen, Int. Med., Aker Univ. Hosp., Oslo, Norway, Robert Murison, Inst. of Biol. and Physiol. Med., Univ. of Bergen, Bergen, Norway, Michael Sharpe, Mol & Clin Med., Univ. of Edinburgh, Edinburgh, UK, Günter Jantschek, Psychosom., Univ. Hosp. Lübeck, Lübeck, Germany, Svein Blomhoff, Ulrik F. Malt, Psychosom. and Behav. Med., Knut E. A. Lundin, Int. Med., Rikshospitalet Univ. Hosp., Oslo, Norway

231) Abstract 1298

GENETIC AND PSYCHOLOGICAL FACTORS ARE BOTH ASSOCIATED WITH IRRITABLE BOWEL SYNDROME IN POPULATION-BASED STUDY

Barbara Tomenson, Francis Creed, Psychiatry, University of Manchester, Manchester, UK, Tony Lembo, Mohammed Zaman, G-I, Harvard, Boston, MA

232) Abstract 1302

IBS & CHRONIC FATIGUE IN FUNCTIONAL DYSPEPSIA: COMORBIDITY AND DETERMINANTS OF SYMPTOMS

Lukas Van Oudenhove, Joris Vandenberghe, Philippe Persoons, Koen Demyttenaere, Psychiatry, Brecht Geeraerts, Rita Vos, Jan Tack, Gastroenterology, University of Leuven, Leuven, Belgium

233) Abstract 1357

GASTROENTEROLOGIST (GE) RATINGS OF PATIENT ANXIETY: PERCEPTION OR ATTRIBUTION?

Tiffany Havlicek, Michael P. Jones, Michael Williams, Robert Rahimi, Laurie Keefer, Gastroenterology, Northwestern University, Chicago, IL

234) Abstract 1373

SEVERE FATIGUE IN ADOLESCENTS: PREVALENCE AND CORRELATES

Maïke ter Wolbeek, Psychoneuroimmunology, University Medical Center Utrecht, Utrecht, The Netherlands, Lorenz J. van Doornen, Health Psychology, Utrecht University, Utrecht, The Netherlands, Annemieke Kavelaars, Psychoneuroimmunology, University Medical Center Utrecht, Utrecht, The Netherlands, Cobi J. Heijnen, Psychoneuroimmunology, Utrecht University, Utrecht, The Netherlands

235) Abstract 1511

DEVELOPMENT OF DEPRESSION AND ANXIETY SCALES FOR COMPUTERIZED ECOLOGICAL MOMENTARY ASSESSMENT USING COMPUTERIZED ADAPTIVE TESTING

Kazuhiro Yoshiuchi, Tetsuro Ishizawa, Psychosomatic Medicine, The University of Tokyo, Tokyo, Japan, Ryuichiro Yamamoto, Human Sciences, Waseda University, Tokorozawa, Saitama, Japan, Hiroe Kikuchi, Psychosomatic Medicine, Yoshiharu Yamamoto, Education, Hiroaki Kumano, Psychosomatic Medicine, The University of Tokyo, Tokyo, Japan, Shinobu Nomura, Human Sciences, Waseda University, Tokorozawa, Saitama, Japan, Tomifusa Kuboki, Akira Akabayashi, Psychosomatic Medicine, The University of Tokyo, Tokyo, Japan

236) Abstract 1512

PREDICTING EMOTIONAL RESPONSES TO STRESS: THE INDEPENDENT CONTRIBUTIONS OF PREVIOUS MOOD AND HEART RATE

Brandi N. Cage, Sonia R. Bell, Psychology, Howard University, Washington, DC, Leah J. Floyd, School of Public Health, Morgan State University, Baltimore, MD, Ina N. Daniels, Anastasia Amuzu, Jules P. Harrell, Psychology, Howard University, Washington, DC

237) Abstract 1567

BELIEFS, PREFERENCES AND EXPECTATIONS ABOUT TREATMENTS OF WOMEN WITH SURGICALLY-INDUCED MENOPAUSE AFTER THE WOMEN'S HEALTH INITIATIVE REPORTS

Mali Bunde, Jerry Suls, Psychology, René Martin, Adult & Gerontological Nursing, Christina Dowd, Psychology, Susan R. Johnson, Obstetrics & Gynecology, University of Iowa, Iowa City, IA

238) Abstract 1570

A QUASI-CONTROLLED STUDY OF THE USE OF A BEHAVIORAL MEDICINE GROUP PROGRAM AMONG HIGH-UTILIZING, SOMATIZING PATIENTS IN TWO PRIMARY CARE PRACTICES

Steven E. Locke, Psychiatry, Harvard Medical School, Wayland, MA, Pauline Chan, Psychology, Boston College, Arlington, MA, Debra S. Morley, Psychology, Boston University, Brookline, MA, Arthur J. Barsky, Psychiatry, Harvard Medical School, Boston, MA, Thomas J. McLaughlin, Pediatrics, University of Massachusetts Medical School, Worcester, MA

239) Abstract 1614

PERCEIVED STRESS MEDIATES THE EFFECTS OF ALEXITHYMIA ON PHYSICAL SYMPTOMS IN AN ETHNICALLY DIVERSE SAMPLE

Jennifer F. Bernard, Erin Tooley, Paulette Christopher, Bruce W. Smith, Psychology, University of New Mexico, Albuquerque, New Mexico

240) Abstract 1725

NEUROTICISM, STRESS, AND SLEEP QUALITY: THE ROLE OF CONSCIENTIOUSNESS

Paula G. Williams, Psychology, University of Utah, Salt Lake City, UT, Tammy L. Moroz, Sleep Disorders Clinic, Stanford University Medical Center, Stanford, CA

241) Abstract 1724

COPING STYLES IN CASES WITH CHRONIC FATIGUE SYNDROME IDENTIFIED FROM THE GENERAL POPULATION IN WICHITA, KANSAS

Urs M. Nater, Psychiatry & Behavioral Sciences, Emory University School of Medicine, Atlanta, GA, Dieter Wagner, James F. Jones, Elisabeth R. Unger, William C. Reeves, Viral Exanthems and Herpesvirus Branch, Centers for Disease Control & Prevention, Atlanta, GA, Christine M. Heim, Psychiatry & Behavioral Sciences, Emory University School of Medicine, Atlanta, GA

242) Abstract 1658

SOCIAL SUPPORT MODERATES THE EFFECTS OF EXPRESSIVE WRITING ON OLDER ADULTS' HEALTH OUTCOMES

Kathi L. Heffner, Psychology, Ohio University, Athens, OH, Paul G. Devereux, School of Public Health, University of Nevada, Reno, Reno, NV, Mei Ng, Amy R. Borchardt, Psychology, Ohio University, Athens, OH, G. P. Ginsburg, Psychology, University of Nevada, Reno, Reno, NV

243) Abstract 1748

VARIATION IN TOTAL BODY WATER ACROSS THE MENSTRUAL CYCLE: EFFECTS CARDIOVASCULAR FUNCTION DURING REST AND PSYCHOLOGICAL STRESS

Stephen M. Patterson, Psychology, Ohio University, Athens, Ohio, Birgit A. Shanholtzer, Psychology, Marshall University, Huntington, West Virginia, Regina Warfel, Psychology, Ohio University, Athens, Ohio

244) Abstract 1559

PREDICTING RISKY BEHAVIORS IN COLLEGE STUDENTS: A TWO-YEAR PROSPECTIVE STUDY

Melissa T. Buelow, Margret A. Appel, Psychology, Ohio University, Athens, Ohio

Saturday, March 4, 2006

245) Abstract 1681

SOCIOECONOMIC DISPARITY IN PERIODONTAL DISEASE PROGRESSION

Deborah E. Polk, Behavioral Sciences, Robert J. Weyant, Dental Public Health, University of Pittsburgh, Pittsburgh, PA, Daniel W. McNeil, Psychology, Richard J. Crout, Periodontics, West Virginia University, Morgantown, WV, Mary L. Marazita, Oral Biology, University of Pittsburgh, Pittsburgh, PA

246) Abstract 1763

ENHANCED HEART RATE VARIABILITY AFTER SHORT TERM PRACTICE OF SPECIALIZED YOGIC BREATHING PROCESS IN PHYSICALLY ACTIVE PERSONS: AN ADD ON EFFECT

Narendra K. Bhardwaj, Medical Oncology, Institute Rotary Cancer Hospital, A.I.I.M.S., New Delhi, Delhi, India, Kishore K. Deepak, Physiology, All India Institute of Medical Sciences, New Delhi, Delhi, India

247) Abstract 1751

SOCIAL WORD USE IS ASSOCIATED WITH LONGEVITY IN A POPULATION OF WELL-KNOWN PSYCHOLOGISTS

Sarah D. Pressman, Michal Kollnesher, Sheldon Cohen, Psychology, Carnegie Mellon University, Pittsburgh, PA

248) Abstract 1746

CONCEPTUALIZING, OPERATIONALIZING, AND STUDYING AFRICAN AMERICAN CULTURAL ORIENTATION: AN EFFORT TO EVALUATE AND EXPAND EXISTING WORK FROM A HEALTH PSYCHOLOGY PERSPECTIVE

Cleopatra M. Abdou, Christine Dunkel Schetter, Adam W. Fingerhut, Psychology, UCLA, Los Angeles, CA

249) Abstract 1506

SLEEP QUALITY IN ADOLESCENTS EVALUATED BY ECOLOGICAL MOMENTARY ASSESSMENT AND ITS INFLUENCE ON PSYCHOLOGICAL AND PHYSICAL SYMPTOMS

Naoko Aoyagi, education, University of Tokyo, Bunkyo-ku, Tokyo, Japan, Toru Nakamura, Bioengineering, University of Osaka, Toyonaka, Osaka, Japan, Ken Kiyono, education, University of Tokyo, Bunkyo-ku, Tokyo, Japan, Zbigniew R. Struzik, Yoshiharu Yamamoto, education, University of Japan, Bunkyo-ku, Tokyo, Japan

250) Abstract 1729

SOCIOECONOMIC INEQUALITIES IN PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOR IN YOUTH

Jennifer J. McGrath, Julie Foisy, Psychology, Concordia University, Montreal, QC, Canada, Tracie A. Barnett, Preventive and Social Medicine, University of Montreal, Montreal, QC, Canada, Marie Lambert, Pediatrics, University of Montreal, St. Justine Hospital, Montreal, QC, Canada, Jennifer O'Loughlin, Gilles Paradis, Epidemiology & Biostatistics, McGill University, Montreal, QC, Canada

251) Abstract 1742

PREDICTORS OF CESSATION 12 MONTHS AFTER A FORCED SMOKING BAN: GENDER DIFFERENCES

Shawna L. Ehlers, Psychiatry and Psychology, Robert C. Klesges, Mark Vander Weg, Internal Medicine, Mayo Clinic, Rochester, MN, C. Keith Haddock, Psychology, University of Missouri-Kansas City, Kansas City, Missouri

252) Abstract 1035

PREVALENCE OF TOBACCO USE AMONG BRAZILIAN ELDERLY LIVING IN COMMUNITY

Valeska Marinho, Sergio L. Blay, Sergio B. Andreoli, Department of Psychiatry, Federal University of São Paulo, UNIFESP, São Paulo, SP, Brazil, Fabio L. Gastal, Department of Tropical Medicine, Federal University of Minas Gerais, UFMG, São Paulo, SP, Brazil

253) Abstract 1732

ESSENTIAL ELEMENTS: INFLUENCE OF DIETARY INTAKE ON HYDRATION STATUS

Lynne M. Rochette, Stephen M. Patterson, Psychology, Ohio University, Athens, OH

254) Abstract 1665

PSYCHOLOGICAL RESPONSES TO LIVER TRANSPLANTATION ACCORDING TO PRESENCE OR ABSENCE OF SUBSTANCE ABUSE HISTORIES

Elsie Cheung, J. Soos, Psychology, S. Chung, C. Scudamore, A. Buczkowski, Surgery, Vancouver General Hospital, Vancouver, Canada

255) Abstract 1620

EFFECTIVENESS OF A WORKSITE-BASED INTERACTIVE WEBSITE FOR REDUCING ALCOHOL CONSUMPTION IN MODERATE-RISK EMPLOYEES

Cheryl Koopman, Robert A. Matano, Psychiatry & Behavioral Sciences, Stanley F. Wanat, Human Biology, Andrew Winzelberg, Shelly D. Whitsell, Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA, Darrah Westrup, National Center for PTSD, VA Palo Alto Health Care System, Menlo Park, CA, Kristine Futa, Permanente Medical Group, Fremont, CA, Justin B. Clayton, PGSP-Stanford PsyD Consortium, Stanford University, Stanford, CA, Lisa Mussman, The Drake Institute of Behavioral Medicine, Northridge, CA, C. Barr Taylor, Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA

256) Abstract 1556

ARE SELF-REPORTED MEASURES OF SLEEP QUANTITY AND QUALITY GOOD MARKERS OF SLEEP AS MEASURED BY POLYSOMNOGRAPHY?

Jane F. Owens, Karen A. Matthews, Martica Hall, Daniel Buysse, Thomas Kamarck, Steven Reis, University of Pittsburgh, Pittsburgh, PA

257) Abstract 1586

SUBSTANCE USE AND PERCEIVED RISK FOR CONTRACTING HIV IN MEN WHO HAVE SEX WITH MEN

Kristina A. Uban, Eric G. Benotsch, Psychology, University of Colorado at Denver, Denver, CO, Chris D. Nettles, Psychology, Univ. of Colorado at Denver, Denver, CO, Andrew Rosen, Kirsten E. Martin, Psychology, University of Colorado at Denver, Denver, CO

258) Abstract 1458

FATALISTIC TIME PERSPECTIVE AND SEXUAL RISK IN HIV+ MEN WHO HAVE SEX WITH MEN

Christopher D. Nettles, Eric G. Benotsch, Kristina Uban, Andrew Rosen, Kirsten Martin, Psychology, University of Colorado at Denver, Denver, Colorado

259) Abstract 1590

SELF ESTEEM IS ASSOCIATED WITH SLOWER CD4 DECLINE IN HIV

Elizabeth G. Balbin, Gail H. Ironson, Rick Stuezle, Conall O'Cleirigh, Psychology, Mary Ann Fletcher, Medicine, University of Miami, Miami, FL

260) Abstract 1235

BODY IMAGE AND SEXUAL RISK BEHAVIOR IN MEN WHO HAVE SEX WITH MEN

Mandi Browning, Andrew Rosen, Eric Benotsch, Chris Nettles, Kristina Uban, Kirsten Martin, Psychology, University of Colorado, Denver, CO

261) Abstract 1698

SEXUAL REVICTIMIZATION, PTSD, AND PAIN AMONG HIV-POSITIVE ADULTS

Cheryl Gore-Felton, Psychiatry and Behavioral Sciences, Stanford University School of Medicine, Stanford, CA, Michael DiMarco, Aurora Sinai Medical Center, Milwaukee, Wisconsin, WI, Sarah Johanningmeier, Psychiatry, Medical College of Wisconsin, Milwaukee, WI

262) Abstract 1667

PTSD/HIV/AIDS: IS ONE A RISK FACTOR FOR THE OTHER IN ADOLESCENTS AND YOUNG ADULTS?

Cheryl A. Kennedy, Psychiatry, Geri Botwinick, Pediatrics, New Jersey Medical School-UMDNJ, Newark, NJ, Drew Johnson, Emmanuel Ruranga, Pediatrics, New Jersey Medical School, Newark, NJ, Robert L. Johnson, Pediatrics, New Jersey, Newark, NJ

263) Abstract 1645

SOCIAL AWKWARDNESS AND HIV RISK BEHAVIORS IN MEN WHO USE THE INTERNET TO FIND SEXUAL PARTNERS

Kirsten E. Martin, Eric G. Benotsch, Andrew Rosen, Christopher D. Nettles, Kristina Uban, Psychology, University of Colorado, Denver, Denver, CO

264) Abstract 1491

THE PREVALENCE OF ANXIETY, DEPRESSION, AND DISTRESS IN PERSONS WITH HIV INFECTION IN IBADAN, NIGERIA

Shirley J. Delaleu, Psychiatry, Mount Sinai School of Medicine, New York, NY

265) Abstract 1077

IMMUNE PATHWAYS INVOLVED IN THE EFFECTS OF HEPATITIS C VIRUS INFECTION ON NEUROCOGNITIVE FUNCTION: AN EGYPTIAN SAMPLE

Noha H. Farag, Psychiatry, University of Oklahoma Health Sciences Center, Oklahoma City, OK, Hebat-Allah M. Rashed, Azza Ez El-Din, Microbiology, Alaa' Darweesh, Psychiatry, Magda Hassan, Mohamed Shehata, Tropical Medicine, Assiut University School of Medicine, Assiut, Egypt, Tarek Hassanein, Clinical Hepatology, Paul J. Mills, Psychiatry, University of California, San Diego, San Diego, CA

266) Abstract 1548

CD16+ MONOCYTE DEMARGINATION IN RESPONSE TO EXERCISE IN YOUNGER AND OLDER ADULTS

Suzi Hong, Psychiatry, Don Geske, Pediatrics, Paul J. Mills, Psychiatry, University of California San Diego, San Diego, CA

267) Abstract 1057

THE ASSOCIATION BETWEEN ATOPY AND ANXIETY SENSITIVITY IN ADULT ASTHMA PATIENTS

S Barone, Chest Medicine, Psychology, Hôpital du Sacré-Coeur, McGill University, Montreal, Quebec, Canada, S L. Bacon, M Labrecque, Chest Medicine, Hôpital du Sacré-Coeur, Montreal, Quebec, Canada, H Favreau, Chest Medicine, Psychology, Hôpital du Sacré-Coeur, UQAM, Montreal, Quebec, Canada, B Ditto, Psychology, McGill University, Montreal, Quebec, Canada, K L. Lavoie, Chest Medicine, Psychology, Hôpital du Sacré-Coeur, UQAM, Montreal, Quebec, Canada

268) Abstract 1436

A MISSING LINK — THE RELATIONSHIP BETWEEN SALIVARY CORTISOL AND GLUCOCORTICOID RESISTANCE IN MULTIPLE SCLEROSIS

David C. Mohr, Catledge Claudine, Lea Vella, Psychiatry, David Daikh, Medicine, University of California, San Francisco, CA

269) Abstract 1508

ADIPOSIITY AND CYTOKINE RESPONSES TO ACUTE MENTAL STRESS

Lena Brydon, Caroline E. Wright, Katie O'Donnell, Bev Murray, Jane Wardle, Andrew Steptoe, Epidemiology and Public Health, University College London, London, England, UK

270) Abstract 1588

PERCEIVED STRESS IS ASSOCIATED WITH THE MAGNITUDE OF CELLULAR IMMUNE RESPONSES TO ACUTE LABORATORY STRESS

Aric A. Prather, Anna L. Marsland, Psychology, University of Pittsburgh, Pittsburgh, PA

271) Abstract 1532

CIRCULATING CYTOKINES, COGNITION AND AGE IN HEALTHY WOMEN

Mats Lekander, Jan von Essen, Clin Neurosci, Karolinska Institutet, Stockholm, Sweden, Marianne Schultzberg, Anita Garlind, Dpt NEUROTEC, Karolinska Institutet, Huddinge, Sweden, Lars-Goran Nilsson, Dpt of Psychology, Stockholm University, Stockholm, Sweden

272) Abstract 1703

FIBROMYALGIA AND DISTURBED SLEEP

Nancy A. Hamilton, Psychology, University of Kansas, Lawrence, Kansas, Glenn Affleck, Community Medicine and Health Care, University of Connecticut Health Center, Farmington, Connecticut, Howard Tennen, Department of Community Medicine and Health Care, University of Connecticut, Farmington, Connecticut, Cynthia Karlson, Psychology, University of Kansas, Lawrence, Kansas

273) Abstract 1428

SLEEP AND THE DIURNAL AFFECT CURVE

Nancy A. Hamilton, David Luxton, Psychology, University of Kansas, Lawrence, Kansas, Cynthia Karlson, Department of Psychology, University of Kansas, Lawrence, KS, Delwyn Catley, Psychology, University of Missouri, Kansas City, Kansas City, Missouri, Johnathan Templin, Psychology, University of Kansas, Lawrence, Kansas

274) Abstract 1514

EFFECT OF RELAXATION THERAPY ON HEART RATE VARIABILITY IN TENSION-TYPE HEADACHE PATIENTS

Hiroe Kikuchi, Kazuhiro Yoshiuchi, Nahoko Yoshida, Psychosomatic Medicine, The University of Tokyo, Tokyo, Japan, Kyoko Ohashi, McLean Hospital, Harvard Medical School, Belmont, MA, Yoshiharu Yamamoto, Education, Hiroaki Kumano, Tomifusa Kuboki, Akira Akabayashi, Psychosomatic Medicine, The University of Tokyo, Tokyo, Japan

Saturday, March 4, 2006

275) Abstract 1513

EFFECT OF RELAXATION THERAPY ON TENSION-TYPE HEADACHE: A RANDOMIZED CONTROLLED TRIAL

Hiroe Kikuchi, Kazuhiro Yoshiuchi, *Psychosomatic Medicine, The University of Tokyo, Tokyo, Japan*, Nahoko Yoshida, *Advanced Science and Medical Care, Waseda University, Tokyo, Japan*, Hiroaki Kumano, Tomifusa Kuboki, Akira Akabayashi, *Psychosomatic Medicine, The University of Tokyo, Tokyo, Japan*

276) Abstract 1673

POSITIVE AFFECT AND PAIN READINESS TO CHANGE IN PATIENTS WITH RHEUMATOID ARTHRITIS

Elin B. Strand, Arnstein Finset, *Dept. of Behavioural Sciences in Medicine, University of Oslo, Oslo, Norway*

277) Abstract 1541

PERCEIVED RELATIONSHIP TO PROVIDERS, AFFECT AND PAIN IN PATIENTS WITH RHEUMATOID ARTHRITIS

Arnstein Finset, Elin B. Strand, *Behavioral Sciences in Medicine, University of Oslo, Oslo, Norway*

278) Abstract 1296

PERSONALITY FACTORS AND SYMPTOMS IN PATIENTS WITH CHRONIC PELVIC PAIN

Siv Leganger, *Psychosom. and Behav. med.*, Unni M. Kirste, *Gynecology*, Gro K. Haugstad, Birgitte Boye, Ulrik F. Malt, *Psychosom. and Behav. med.*, Rikshospitalet Univ. hosp., Oslo, Norway

279) Abstract 1517

PREVALENCE AND SEVERITY OF COMORBID PAIN AMONG PRIMARY CARE PATIENTS WITH PANIC AND/OR GENERALIZED ANXIETY DISORDER

Carrie Farmer Teh, *Health Policy, Harvard University, Boston, MA*, Bea Herbeck Belnap, Fang Zhu, Bruce L. Rollman, *Medicine, University of Pittsburgh, Pittsburgh, PA*

280) Abstract 1432

SUBJECTIVE WORRY ABOUT HEART FUNCTIONING AND OBJECTIVE CARDIAC RISK IN PATIENTS WITH NON-CARDIAC CHEST PAIN

Kamila S. White, Stefanie L. Malone, *Psychology, University of Missouri-Saint Louis, Saint Louis, MO*, Nicholas A. Covino, *Psychiatry, Ernest V. Gervino, Cardiology, Beth Israel Deaconess Medical Center, Boston, MA*

281) Abstract 1400

NOCICEPTION AMONG OBESE AND NON-OBESE OLDER ADULTS WITH OSTEOARTHRITIS

Charles F. Emery, *Psychology, Ohio State University, Columbus, OH*, Christopher France, *Psychology, Ohio University, Athens, OH*, Francis J. Keefe, *Psychiatry, Duke University Medical Center, Durham, NC*, Meghan D. Fondow, *Psychology, Ohio State University, Columbus, OH*, Janis L. France, *Psychology, Ohio University, Athens, OH*, Sandra Waters, Daphne C. McKee, *Psychiatry, Duke University Medical Center, Durham, NC*

282) Abstract 1416

THE EFFECTS OF VERBAL EMOTIONAL EXPRESSION ON PHYSICAL AND PSYCHOLOGICAL HEALTH IN JUVENILE PRIMARY FIBROMYALGIA: A CONTROLLED STUDY

Genelle I. Weits, Melanie A. Greenberg, *Psychology (CSPP), Alliant International University, San Diego, CA*, Ilona S. Szer, *Pediatric Rheumatology, Children's Hospital & Health Center, San Diego, CA*

283) Abstract 1466

DELAYED EFFECTS OF AVOIDANT ATTACHMENT STYLE ON SYMPTOM-SPECIFIC REACTIVITY AMONG CHRONIC PAIN PATIENTS IS MODERATED BY ATTENTION STRATEGY DURING PAIN

Carla M. Nappi, John W. Burns, *Psychology, Rosalind Franklin University of Medicine and Science, North Chicago, IL*

284) Abstract 1741

EXPERIENCE AND RECOLLECTION: NEUROTICISM MODERATES SUBSEQUENT PERCEPTIONS OF STRESS BUT NOT CARDIOVASCULAR REACTIVITY AT TIME OF TASK

John M. Ruiz, James Hutchinson, Heidi A. Hamann, Jennifer Nelson, Kimberly Lanni, Jennifer Stevenson, Joni T. Howard, *Department of Psychology, Washington State University, Pullman, WA*

285) Abstract 1468

EFFICACY OF PAROXETINE FOR TREATING CHRONIC STRESS-INDUCED LOW-GRADE FEVER

Takakazu Oka, Yuko Kaneda, Masaki Takenaga, Sota Hayashida, Naoki Kodama, Sadatoshi Tsuji, *Neurology, University of Occupational and Environmental Health, Kitakyushu, Japan*

286) Abstract 1736

BREAST-FEEDING AND HIGHER OXYTOCIN ARE RELATED TO LOWER VASCULAR RESISTANCE AND GREATER CARDIAC OUTPUT REACTIVITY TO STRESS

Karen Grewen, Kathleen C. Light, *Psychiatry, University of North Carolina, Chapel Hill, NC*

287) Abstract 1723

SOCIAL SUPPORT EFFECTS ON PHYSIOLOGICAL REACTIVITY DURING ANTICIPATION OF SOCIAL EVALUATION

Amy R. Borchardt, Kathi L. Heffner, *Psychology, Ohio University, Athens, OH*

288) Abstract 1250

DO OVERWEIGHT UNDERGRADUATES HAVE HEIGHTENED CORTISOL REACTIVITY TO ACUTE STRESSORS?

Angela E. Swift, *Psychology, Indiana University Purdue University Indianapolis, Indianapolis, Indiana*, Natalie Hamrick, *Anesthesia, Indiana University School of Medicine, Indianapolis, In*, Heather N. Musselman, Joshua Dyer, *Psychology, Indiana University Purdue University Indianapolis, Indianapolis, In*, Jianping Zhang, *Psychiatry and Psychology, The Cleveland Clinic Foundation, Cleveland, OH*, Andrea Shafer, Hsin-hua Lin, *Psychology, Indiana University Purdue University Indianapolis, Indianapolis, In*

289) Abstract 1704

**CIRCADIAN ENDOCRINE CORTISOL SECRETION,
STRESS RESPONSES AND AUTONOMIC NERVOUS
SYSTEM REGULATION IN CRITICAL CARE
PERSONNEL**

Rahel R. Looser, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland, Petra Metzenthin, Institute of Behavioral Science, Swiss Federal Institute of Technology, Zurich, 8092, Switzerland, Susanne Helfricht, Michael Meinel, Brigitte M. Kudielka, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland, Julian F. Thayer, Intramural Research Program, National Institute of Aging, Baltimore, MD, Joachim E. Fischer, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland

290) Abstract 1445

**POOR SLEEP AND WAKING CARDIAC FUNCTIONING
IN NORMAL INDIVIDUALS**

Richard A. Nelesen, Joel E. Dimsdale, Psychiatry, University of California, San Diego, La Jolla, CA

291) Abstract 1486

**THE EFFECT OF MOOD STATES ON QT INTERVALS
AND QT DISPERSION IN EATING DISORDER**

Yoshiyuki Takimoto, Kazuhiro Yoshiuchi, Hiroaki Kumano, Akira Akabayashi, Psychosomatic Medicine, The University of Tokyo, Tokyo, Japan

292) Abstract 1305

**NEUROPSYCHOLOGICAL IMPAIRMENT IN CHRONIC
FATIGUE SYNDROME (CFS)**

Ruud C. Vermeulen, CFS and Pain, Research Center Amsterdam, Amsterdam, The Netherlands, Leo M. De Sonneville, Faculty of Social Sciences, University of Leiden, Leiden, The Netherlands

7:00-12:00pm

Dinner and Entertainment

Capitol Ballroom 5-7

Attend this special evening, featuring the music of one of Denver's most popular show bands, ***Boogie Machine***, and you will be transported to the disco era of the 1970's! This 4-piece disco dynamo will play all your favorite dance tunes, and will set the stage for a night of retro excitement. They dress the part (platform shoes, satin shirts, polyester pants...) and you can too — get ready to catch some “Saturday Night Fever”!

A ticket is required to attend this dinner. If you did not purchase a ticket in advance you may do so at the APS Meeting Registration Desk until noon on Thursday, March 2nd. Ticket prices are \$20 for a Conference Attendee and \$40 for a Conference Guest.

Faculty Listing

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Emma Adam PhD

Assistant Professor, Education and Social Policy, Northwestern University

DAY-TO-DAY DYNAMICS OF NATURALISTIC MOOD-CORTISOL ASSOCIATIONS IN A POPULATION-BASED SAMPLE OF OLDER ADULTS

Disclosure: None

Ralph Adolphs PhD

Professor, Psychology & Neuroscience, California Institute of Technology

NEUROSCIENCE PRE-CONFERENCE WORKSHOP: NEUROSCIENTIFIC METHODS AND THEIR APPLICATION TO RESEARCH IN PSYCHOSOMATIC MEDICINE

Disclosure: None

Michael Antoni PhD

Professor, Psychology, University of Miami

STRESS MANAGEMENT INTERVENTION EFFECTS ON BENEFIT FINDING, POSITIVE OUTCOMES AND PHYSIOLOGICAL REGULATION FOR WOMEN TREATED FOR BREAST CANCER

Disclosure: None

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Psychology intern, Psychology, University of Kansas

WRITING ABOUT EMOTIONS VERSUS GOALS IN THIRD-YEAR MEDICAL STUDENTS: EFFECTIVE FOR WHOM?

Disclosure: None

Michael Babyak PhD

Associate Clinical Professor in Medical Psychology, Psychiatry and Behavioral Sciences, Duke University Medical Center

STATISTICS BREAKFAST ROUNDTABLE

Disclosure: None

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Professor, Neuroscience, Univ of Turin Med School

BRAIN MECHANISMS OF PAIN FROM A PSYCHOSOMATIC MEDICINE PERSPECTIVE

Disclosure: None

Julienne Bower PhD

Assistant Professor, Psychiatry and Biobehavioral Sciences, UCLA
PROGRAM COMMITTEE MEMBER

Disclosure: None

Nisha Brady BS

Graduate Student, Psychology, St. John's University

RACISM AND NEGATIVE MOOD: ANALYSES OF TRAIT AND DIARY MEASURES OF MOOD

Disclosure: None

Joan Broderick PhD

Assistant Professor, Psychiatry, SUNY at Stonybrook

MOBILIZING TO ADDRESS BIOPSYCHOSOCIAL CONSEQUENCES OF DISASTER

Disclosure: None

Elizabeth Brondolo PhD

Associate Professor, Psychology, St. John's University

RACISM AND AMBULATORY BLOOD PRESSURE IN A COMMUNITY SAMPLE

RACISM: RISK FACTORS, PSYCHOSOCIAL MECHANISMS, AND CARDIOVASCULAR CORRELATES

Disclosure: None

Jos Brosschot PhD

Researcher, Psychology, Leiden University

PROLONGED STRESS-RELATED ACTIVATION AND HEALTH WORRY DURATION MEDIATES EFFECTS OF DAILY STRESS ON HEART RATE VARIABILITY DURING WAKING AND

SUBSEQUENT NOCTURNAL SLEEPING

PROGRAM COMMITTEE MEMBER

Disclosure: None

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ENRICHD Investigators

PREDICTORS OF DEPRESSION AND SOCIAL SUPPORT OUTCOMES IN THE ENRICHD STUDY

Disclosure: None

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Professor, Universite Bordeaux 2

INTERFERON-ALPHA THERAPY IS ASSOCIATED WITH

ALTERED INFORMATION PROCESSING IN PATIENTS WITH CHRONIC HEPATITIS C

Disclosure: None

Linda Carlson PhD

Associate Professor, Oncology/Psychology, University of Calgary & Tom Baker Cancer Centre

MINDFULNESS-BASED STRESS REDUCTION (MBSR)

COMPARED TO CREATIVE ARTS IN CANCER OUTPATIENTS

Disclosure: None

Robert Carney PhD

Professor, Psychiatry, Washington University

HEART RATE TURBULENCE, DEPRESSION, AND SURVIVAL AFTER ACUTE MYOCARDIAL INFARCTION

Disclosure: None

Sue Carter PhD

Professor, Psychiatry, University of Illinois at Chicago
NEUROPEPTIDES AND THE BENEFICIAL EFFECTS OF SOCIAL INTERACTIONS: LESSONS FROM PRAIRIE VOLES
Disclosure: None

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Disclosure: None

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ENHANCING CARDIOVASCULAR RECOVERY FROM ACUTE STRESS WITH EXPERIMENTAL INTERVENTIONS
Disclosure: None

Alan Christensen PhD

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CAREER DEVELOPMENT WORKSHOP
Disclosure: None

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PRENATAL ORIGINS OF HEALTH AND ILLNESS IN INFANCY BENEFITS OF MEDITATION AND STRESS REDUCTION IN FIBROMYALGIA
Disclosure: None

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DECREASING DISTRESS IN PREGNANT LATINA WOMEN
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BEST PRACTICES WORKSHOP INTEGRATIVE MEDICINE RESEARCH THEORY TO PRACTICE IN EXPRESSIVE WRITING INTERVENTIONS: EFFECTS OF EXPERIMENTAL CONTEXT AND PARTICIPANT ATTRIBUTES PROGRAM COMMITTEE CHAIR
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PATRICIA R. BARCHAS AWARD LECTURE: DO POSITIVE EMOTIONS INFLUENCE HEALTH?
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PLASMA FATTY ACIDS ARE ASSOCIATED WITH NORMATIVE VARIATION IN MOOD, PERSONALITY AND BEHAVIOR
Disclosure: None

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ASSOCIATION OF DEPRESSION WITH MORTALITY AT 7-YEAR FOLLOW-UP AFTER CORONARY ARTERY BYPASS GRAFT SURGERY
Disclosure: None

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CIRCADIAN AFFECTIVE, CARDIOPULMONARY, AND CORTISOL VARIABILITY IN DEPRESSED AND NONDEPRESSED INDIVIDUALS AT RISK FOR CARDIOVASCULAR DISEASE
Disclosure: None

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MODULATION OF INFLAMMATORY CYTOKINES BY PSYCHOSOCIAL FACTORS ACROSS PREGNANCY THE PSYCHONEUROIMMUNOLOGY OF PREGNANCY: PSYCHOSOCIAL, NEUROENDOCRINE, AND IMMUNE INFLUENCES ON PREGNANCY OUTCOME AND EARLY DEVELOPMENT
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THE ROLE OF THE BRAIN IN MEDIATING THE ESTABLISHED LINK BETWEEN DEPRESSION AND CARDIAC MORTALITY NEUROSCIENTIFIC METHODS AND THEIR APPLICATION TO RESEARCH IN PSYCHOSOMATIC MEDICINE
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EARLY CAREER AWARD MECHANISMS STRESS-BUFFERING VERSUS STRESS-ENHANCING EFFECTS OF CLOSE RELATIONSHIPS AMONG CURRENTLY DEPRESSED AND NEVER-DEPRESSED WOMEN PROGRAM COMMITTEE MEMBER
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A BIVARIATE APPROACH TO THE GENETICS OF CARDIOVASCULAR STRESS REACTIVITY: STRESS UNCOVERS GENETIC VARIANCE
Disclosure: None

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EFFECTS OF ANTIDEPRESSIVE THERAPY FOR THE TREATMENT OF DEPRESSION FOLLOWING MYOCARDIAL INFARCTION: RESULTS FROM THE MYOCARDIAL INFARCTION AND DEPRESSION INTERVENTION TRIAL (MIND-IT)
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*BRAIN MECHANISMS OF PAIN FROM A PSYCHOSOMATOIC
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BRAIN, MIND, BODY AND SOUL*
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*NOCTURNAL REVERBERATIONS OF ADVERSITY: THE
EFFECT OF SOCIAL CLASS, ETHNICITY, AND STRESS ON
NOCTURNAL BLOOD PRESSURE AND SLEEP
ARCHITECTURE*
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*JOHN HENRYISM, CHRONIC PAIN AND MORBIDITY IN
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*INSULIN RESISTANCE AND HPA AXIS DYSREGULATION IN
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STRESS, POSTTRAUMATIC GROWTH, AND LEUKOCYTE
AGING*
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*STRESS, AWAKENING TIME, WEEKEND VERSUS WEEKDAY
SAMPLING, AND ADHERENCE ISSUES IN THE STUDY OF
THE CORTISOL AWAKENING RESPONSE (CAR)*
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*DEPRESSIVE SYMPTOMS AND INTRA-ABDOMINAL FAT IN
CAUCASIAN AND AFRICAN-AMERICAN WOMEN AT MID-LIFE
CAREER DEVELOPMENT WORKSHOP*
Disclosure: None

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ESTABLISHED LINK BETWEEN DEPRESSION AND CARDIAC
MORTALITY
RECENT CLINICAL TRIALS FOR DEPRESSION IN PATIENTS
WITH CORONARY HEART DISEASE*
Disclosure: See Chart on Page 73

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*A RANDOMIZED CLINICAL TRIAL OF
NONPHARMACOLOGICAL TREATMENTS FOR DEPRESSION
AFTER CORONARY ARTERY BYPASS GRAFT SURGERY
BEST PRACTICES WORKSHOPS
EFFECTS OF GENDER, AGE, AND MOOD STATE ON
EXPECTATION OF RESTENOSIS AFTER CORONARY BYPASS
SURGERY
STATISTICS BREAKFAST ROUNDTABLE*
Disclosure: None

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*ROLE OF SEROTONIN TRANSPORTER GENE
POLYMORPHISM IN SYMPTOMS OF IRRITABLE BOWEL
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*THE THERAPEUTIC EFFECT OF DEVICE-GUIDED PACED
BREATHING IN HYPERTENSION AND CONGESTIVE HEART
FAILURE*
Disclosure: See Chart on Page 73

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ANGER PROVOCATION CAUSES ANGER! (SOMETIMES)
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CHRONIC STRESSFUL EXPERIENCES PREDICT BRAIN ATROPHY AND DYSREGULATED PARASYMPATHETIC-CARDIAC CONTROL DURING ACUTE STRESS
NEUROIMAGING OF AUTONOMIC-CARDIAC REACTIVITY IN HEALTH AND DISEASE
HOW TO OPTIMIZE COLLABORATION IN NEUROSCIENTIFIC RESEARCH
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COMBINED HEART RATE VARIABILITY AND PULSE OXIMETRY BIOFEEDBACK FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE

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STRESS REACTIVITY IN METASTATIC BREAST CANCER PATIENTS: EFFECTS OF DEPRESSION

Disclosure: None

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MATERNAL STRESS AND CORTISOL CIRCADIAN RHYTHM IN HIGH-RISK INFANTS

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THE ROLE OF THE BRAIN IN MEDIATING THE ESTABLISHED LINK BETWEEN DEPRESSION AND CARDIAC MORTALITY

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SALIVARY ALPHA AMYLASE: NOVEL BIOMARKER OF STRESS OR A MARKER IN SEARCH OF MEANING?

Disclosure: See Chart on Page 73

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PSYCHOLOGICAL DISTRESS AND HIV PATHOGENESIS: ROLE OF CYTOTOXIC T-CELL ACTIVATION AND INFLAMMATORY CYTOKINE PRODUCTION

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FUNCTIONAL NEUROANATOMY

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MINDFULNESS-BASED INTERVENTIONS IN PSYCHOSOMATIC MEDICINE: A GENERIC APPROACH TO HELP PATIENTS COPE WITH CHRONIC DISORDER? IMMEDIATE AND 3-YEAR LONG TERM EFFECTS OF A MINDFULNESS INTERVENTION FOR FIBROMYALGIA
MINDFULNESS- BASED INTERVENTIONS

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BLOOD LEAD (PB) LEVELS: A POTENTIAL ENVIRONMENTAL MECHANISM EXPLAINING THE RELATION BETWEEN SOCIOECONOMIC STATUS AND CARDIOVASCULAR REACTIVITY IN CHILDREN

Disclosure: None

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A TEN-SESSION INTERDISCIPLINARY PSYCHOEDUCATIONAL INTERVENTION HELD BY ONCOLOGISTS IMPROVES SATISFACTION WITH CARE AND DECREASES ANXIETY IN CANCER PATIENTS

Disclosure: None

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SLEEP IN PSYCHOSOMATIC RESEARCH: RISK FACTORS, CONSEQUENCES TO HEALTH, AND BEHAVIORAL INTERVENTIONS

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FINANCIAL BURDEN AS A CORRELATE OF DISTURBED SLEEP IN THE ELDERLY

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INFLAMMATORY AND PLATELET RESPONSES TO REPEATED MENTAL STRESS: INDIVIDUAL STABILITY AND HABITUATION OVER TIME

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THE USE OF HYPNOSIS IN MEDICAL RESEARCH

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*DEPRESSIVE SYMPTOMS INDEPENDENTLY PREDICT
RECURRENCE OF ATRIAL FIBRILLATION AFTER
ELECTRICAL CARDIOVERSION*

*PHYSICAL AND PSYCHOSOCIAL PREDICTORS OF
MALIGNANT VENTRICULAR TACHYARRHYTHMIAS IN
PATIENTS WITH IMPLANTED DEFIBRILLATORS*

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*PSYCHOSOCIAL STRESS, PHYSIOLOGY, AND RACIAL
DISPARITIES IN ADVERSE PREGNANCY OUTCOMES*

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*SOCIAL SUPPORT AND STRESS AS INDEPENDENT
PREDICTORS OF DIMINISHED HEART RATE VARIABILITY IN
ARRHYTHMIA-VULNERABLE CORONARY ARTERY DISEASE
PATIENTS*

Disclosure: None

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*PERSONALITY AND HIV: THE RELATIONSHIP BETWEEN
NEO-PI-R PERSONALITY DOMAINS AND FACETS AND
DISEASE PROGRESSION IN HIV OVER 4 YEARS.
BEST PRACTICES WORKSHOP*

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*COMPARATIVE META-ANALYSIS OF BEHAVIORAL
INTERVENTIONS FOR INSOMNIA: EFFICACY IN ADULTS
AND IN ADULTS 55+ YEARS.*

*BUILDING A CAREER IN BIOBEHAVIORAL/
PSYCHOSOMATIC MEDICINE*

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*JOHN HENRYISM AND HEALTH OUTCOMES AMONG
AFRICAN-AMERICANS: A RECONCEPTUALIZATION*

Disclosure: None

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*IT'S NOT THE GENES OR THE ENVIRONMENT, STUPID; IT'S
THE GENES AND THE ENVIRONMENT, STUPID: GENE BY
ENVIRONMENT INTERACTIONS, PSYCHOSOCIAL RISK
FACTORS AND BIOBEHAVIORAL MECHANISMS
RECENT CLINICAL TRIALS FOR DEPRESSION IN PATIENTS
WITH CORONARY HEART DISEASE*

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*BRAIN MECHANISMS OF PAIN FROM A PSYCHOSOMATIC
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*EFFECTS OF CAFFEINE AND STRESS ON SALIVARY ALPHA-
AMYLASE IN YOUNG MEN: A SALIVARY BIOMARKER OF
SYMPATHETIC ACTIVITY*

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*DEPRESSION AS A RISK FACTOR FOR THE ONSET OF TYPE
2 DIABETES MELLITUS. A META-ANALYSIS.*

Disclosure: None

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*ELECTROGASTROGRAPHY: PHYSIOLOGICAL BASIS AND
CLINICAL APPLICATIONS*

Disclosure: None

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*MOBILIZING TO ADDRESS BIOPSYCHOSOCIAL
CONSEQUENCES OF DISASTER*

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*PRO-INFLAMMATORY RESPONSES TO MENTAL STRESS AND
EXERCISE IN CARDIAC PATIENTS FOLLOWING
SUCCESSFUL CORONARY ANGIOPLASTY*

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*BUILDING A CAREER IN BIOBEHAVIORAL/
PSYCHOSOMATIC MEDICINE*

*THE ROLE OF THE BRAIN IN MEDIATING THE
ESTABLISHED LINK BETWEEN DEPRESSION AND CARDIAC
MORTALITY*

BRAIN, MIND, BODY AND SOUL

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*THE ROLE OF THE BRAIN IN MEDIATING THE
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MORTALITY*
*HOW TO OPTIMIZE COLLABORATION IN
NEUROSCIENTIFIC RESEARCH*
*NEUROSCIENTIFIC METHODS AND THEIR APPLICATION
TO RESEARCH IN PSYCHOSOMATIC MEDICINE*
*NEURAL SUBSTRATES OF IMPLICIT AND EXPLICIT
EMOTIONAL PROCESSES: A UNIFYING FRAMEWORK FOR
PSYCHOSOMATIC MEDICINE*
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DOES BENEFIT FINDING DIFFER BY TYPE OF CANCER?
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(EGG) IN STUDIES OF BRAIN-GUT INTERACTIONS:
PHYSIOLOGICAL BASIS, PSYCHOPHYSIOLOGICAL
RELATIONSHIPS, AND CLINICAL APPLICATIONS*
*PERCEIVED CONTROL AND PREDICTABILITY:
PSYCHOSOCIAL INFLUENCES ON THE DEVELOPMENT OF
GASTRIC TACHYARRHYTHMIA AND VECTION-INDUCED
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*OXYTOCIN IS LINKED TO LOWER BLOOD PRESSURE AND
SYMPATHETIC ACTIVITY BEFORE AND AFTER WARM
CONTACT IN COUPLES AND MOTHER-INFANT DYADS*
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*CAN DEPRESSION TREATMENT IMPROVE CO-EXISTING
MEDICAL ILLNESS?*
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PROLONGED STRESS-RELATED ACTIVATION AND HEALTH
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*MOBILIZING TO ADDRESS BIOPSYCHOSOCIAL
CONSEQUENCES OF DISASTER*
*IOM'S MEDICAL EDUCATION AGENDA: CHALLENGING
THE HEGEMONY OF THE BIOMEDICAL MODEL IN
UNDERGRADUATE MEDICAL EDUCATION*
Disclosure: See Chart on Page 73

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*HOW HEALTH BENEFITS OF EXPRESSIVE WRITING VARY
AS A FUNCTION OF WRITING INSTRUCTIONS, ETHNICITY,
AND PERSONALITY*
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POPULATIONS IN THE OVARIAN CANCER
MICROENVIRONMENT*
*INTEGRATIVE MEDICINE RESEARCH: CHALLENGES AND
OPPORTUNITIES*
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*IMMUNE-TO-BRAIN COMMUNICATION: IMPLICATIONS
FOR UNDERSTANDING COGNITIVE DISORDERS*
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*IT'S NOT THE GENES OR THE ENVIRONMENT, STUPID; IT'S
THE GENES AND THE ENVIRONMENT, STUPID: GENE BY
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IMMUNE-TO-BRAIN COMMUNICATION: THE INFLUENCE OF CYTOKINES ON BRAIN ACTIVITY AND COGNITIVE FUNCTION
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BLOOD PRESSURE DIPPING STATUS AND SLEEP QUALITY
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HOW TO OPTIMIZE COLLABORATION IN NEUROSCIENTIFIC RESEARCH
INCREASED AMYGDALA ACTIVATION IN SUBJECTS WITH MAJOR DEPRESSION IS RELATED TO SYMPATHOVAGAL BALANCE
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THE ROLE OF CENTRAL AND PERIPHERAL OXYTOCIN IN THE PROGRESSION OF ATHEROSCLEROSIS IN THE WATANABE HERITABLE HYPERLIPIDEMIC RABBIT
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GASTRIC SLOW WAVE FREQUENCY AS A TOOL TO INVESTIGATE CENTRAL CONTROL DURING DIFFERENT COGNITIVE AND BEHAVIORAL TASKS
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AFFECTIVE RESPONSE TO MENTAL STRESS AND THE JOHN HENRYISM HYPOTHESIS
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PSYCHOSOCIAL FACTORS AND CVD: 2006DISCLOSURE: NONE
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BLUNTED CENTRAL SEROTONERGIC RESPONSIVITY IS ASSOCIATED WITH PRECLINICAL VASCULAR DISEASE
Disclosure: See Chart on Page 73

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EFFECTS OF STRESS ON THE GASTROINTESTINAL SYSTEM
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HOW TO OPTIMIZE COLLABORATION IN NEUROSCIENTIFIC RESEARCH PROGRAM COMMITTEE
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IOM'S MEDICAL EDUCATION AGENDA
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APPRAISAL ABOUT CONTROLLABILITY OF ACUTE STRESSOR AND BRAIN-CARDIAC-IMMUNE ASSOCIATION
Disclosure: None

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DISTURBED SLEEP DURING PREGNANCY IS ASSOCIATED WITH CHANGES IN IN VITRO CYTOKINE PRODUCTION
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PSYCHOSOCIAL STRESS AND ATHEROSCLEROSIS
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*SOCIODEMOGRAPHIC AND PSYCHOSOCIAL CORRELATES
OF ADHERENCE IN HEART FAILURE*

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*THE HISPANIC PARADOX: IMMIGRANT AND
ACCULTURATED PREGNANT WOMEN*

Disclosure: None

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*BLUNTED RSA REACTIVITY AND RECOVERY IN MAJOR
DEPRESSIVE DISORDER*

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*PSYCHOBIOLOGY OF SOCIAL RELATIONSHIPS, STRESS
PROTECTION AND DISEASE PROCESSES: ROLE OF
OXYTOCIN*

PSYCHOBIOLOGY OF SOCIAL RELATIONSHIPS

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*HORMONAL AND HEMATOLOGIC RESPONDING:
DYNAMICS AND PREDICTORS*

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DEPRESSION AND DISEASE

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*MATERNAL DEPRESSION AND SALIVARY ALPHA AMYLASE
RESPONSE TO STRESS IN THEIR INFANTS*

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*ANXIETY PREDICTS ONSET OF CORONARY ARTERY
DISEASE (CAD) IN MEN: AN 18-YEAR FOLLOW-UP STUDY*

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*SOCIAL INHIBITION MODERATES THE EFFECTS OF A
COGNITIVE-BEHAVIORAL STRESS MANAGEMENT (CBSM)
INTERVENTION ON RECOVERY FROM PROSTATE
CARCINOMA: A LATENT GROWTH CURVE ANALYSIS*

Disclosure: None

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*NEURAL CORRELATES OF CARDIAC REACTIVITY DURING
EMOTIONAL INFORMATION PROCESSING IN UNIPOLAR
DEPRESSION*

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*MARITAL CONFLICT BEHAVIOR AND CORONARY ARTERY
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*EMERGENCE OF NOVEL GENETIC EFFECTS ON BLOOD
PRESSURE AND UNDERLYING HEMODYNAMICS IN
ADOLESCENCE. LONGITUDINAL EVIDENCE FROM THE
GEORGIA CARDIOVASCULAR TWIN STUDY.*

*A GENE-ENVIRONMENT INTERACTION MODEL OF STRESS-
INDUCED HYPERTENSION*

Disclosure: None

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STRESS SENSITIVITY IN METASTATIC BREAST CANCER

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*PREVALENCE; PSYCHOLOGICAL PREDICTORS OF
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*PSYCHOSOCIAL AND BIOLOGICAL DETERMINANTS OF
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FOR CONGESTIVE HEART FAILURE (CHF)-THE MEDVIP
STUDY GROUP*

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*FINDING BENEFITS IN ADVERSITY: PSYCHOLOGICAL AND
PHYSIOLOGICAL PROCESSES*
THEORY TO PRACTICE IN EXPRESSIVE WRITING
*INTERVENTIONS: EFFECTS OF EXPERIMENTAL CONTEXT
AND PARTICIPANT ATTRIBUTES*

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*IMPAIRED POST-STRESS BLOOD PRESSURE RECOVERY
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Disclosure: None

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*SALIVA ALPHA-AMYLASE STRESS REACTIVITY IN CHILDREN
AND ADOLESCENTS: VALIDITY, ASSOCIATIONS WITH
CORTISOL, AND LINKS TO BEHAVIOR*
*SALIVARY ALPHA AMYLASE: NOVEL BIOMARKER OF STRESS
OR A MARKER IN SEARCH OF MEANING?*
*SALIVARY ALPHA AMYLASE
PHYSIOLOGICAL RESPONSES TO STRESS OVER THE
ADOLESCENT TRANSITION: PERFORMANCE VERSUS SOCIAL
REJECTION STRESS*

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*MAO-*a*VNTR IS RELATED TO CNS SEROTONERGIC
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*ROLE OF BRAIN-HEART INTERACTIONS IN STABILISING
AND DESTABILISING CARDIAC ELECTROPHYSIOLOGY*

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*PRELIMINARY EVIDENCE FOR PARALLEL DYSREGULATION
ACROSS COPING, IMMUNE, AND PHYSIOLOGICAL
RESPONSE SYSTEMS IN PATIENTS FROM AN HIV PRIMARY
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*PROLONGED STRESS-RELATED ACTIVATION AND HEALTH
A MODEL OF NEUROVISCERAL INTEGRATION: AN
OVERVIEW WITH IMPLICATIONS FOR HEALTH AND
DISEASE*
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*ABDOMINAL ADIPOSITY AND RISK OF HOT FLASHES
AMONG A BIRACIAL SAMPLE OF MIDLIFE WOMEN*
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*DEPRESSION RISK STATUS AND CORTISOL IN A LOW-
INCOME OBSTETRIC POPULATION: IMPACT OF A
PRENATAL INTERVENTION*

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*DEPRESSIVE SYMPTOMS AND INFLAMMATION: IS THERE A
SHARED GENETIC VULNERABILITY?*
*DEPRESSIVE SYMPTOMS AND HOMOCYSTEINE: THE TWINS
HEART STUDY*

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*PHOBIC ANXIETY PREDICTS MORTALITY AND
VENTRICULAR ARRHYTHMIAS IN CORONARY ARTERY
DISEASE PATIENTS*
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SALIVARY ALPHA-AMYLASE RESPONSE TO THE COLD PRESSOR IS CORRELATED WITH CARDIAC MARKERS OF SYMPATHETIC ACTIVATION
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JOHN HENRYISM: ENVIRONMENT AND GENES
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The Heart and Soul Study
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MONOAMINE OXIDASE A (MAOA) PROMOTER POLYMORPHISM MODERATES EFFECTS OF CHRONIC STRESS ON URINARY CORTISOL AND CATECHOLAMINE EXCRETION IN MALE CAREGIVERS
BUILDING A CAREER IN BIOBEHAVIORAL/ PSYCHOSOMATIC MEDICINE
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FAMILY RELATIONAL FACTORS IN PEDIATRIC DEPRESSION AND ASTHMA: POSSIBLE PATHWAYS OF EFFECT
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UPDATES FROM THE PSYCHOSOMATIC MEDICINE INTEREST GROUPS
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THE ROLE OF PRO-INFLAMMATORY CYTOKINES IN MEMORY PROCESSES
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BRAIN MECHANISMS OF PAIN FROM A PSYCHOSOMATIC MEDICINE PERSPECTIVE
Disclosure: None

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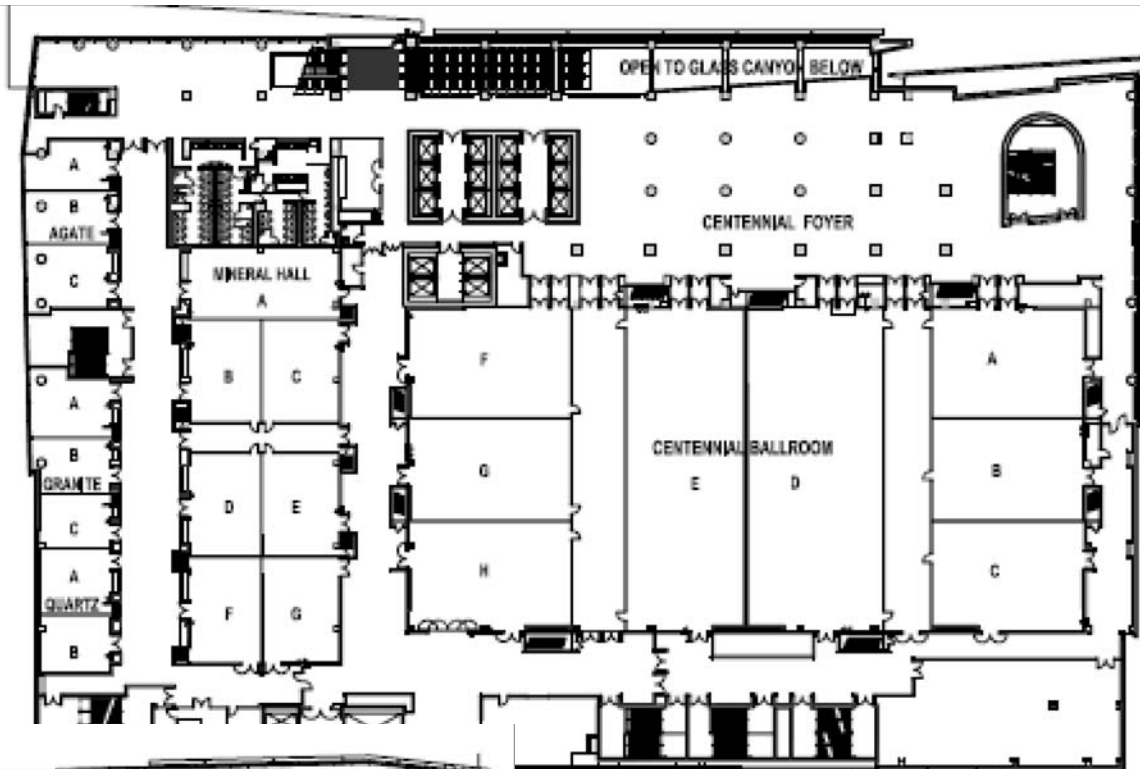
Speaker	Product, device or technique	Manufacturer or Provider	Use
Nancy Frasure-Smith	omega-3	Various, will not be discussed	SSRI augmentation
Matthew Muldoon	Citalopram	Various	pharmacologic testing
Judy Skala	omega-3 fatty acids	Various, will not be discussed	SSRI augmentation
Karen Weihs	Serotonin Reuptake Inhibitors	Many companies, including Wyeth, Pfizer, GSK,	antidepressant – SSRI effectson cancer cell growth
Redford Williams	LifeSkills training	Williams LifeSkills, Inc.	stress management
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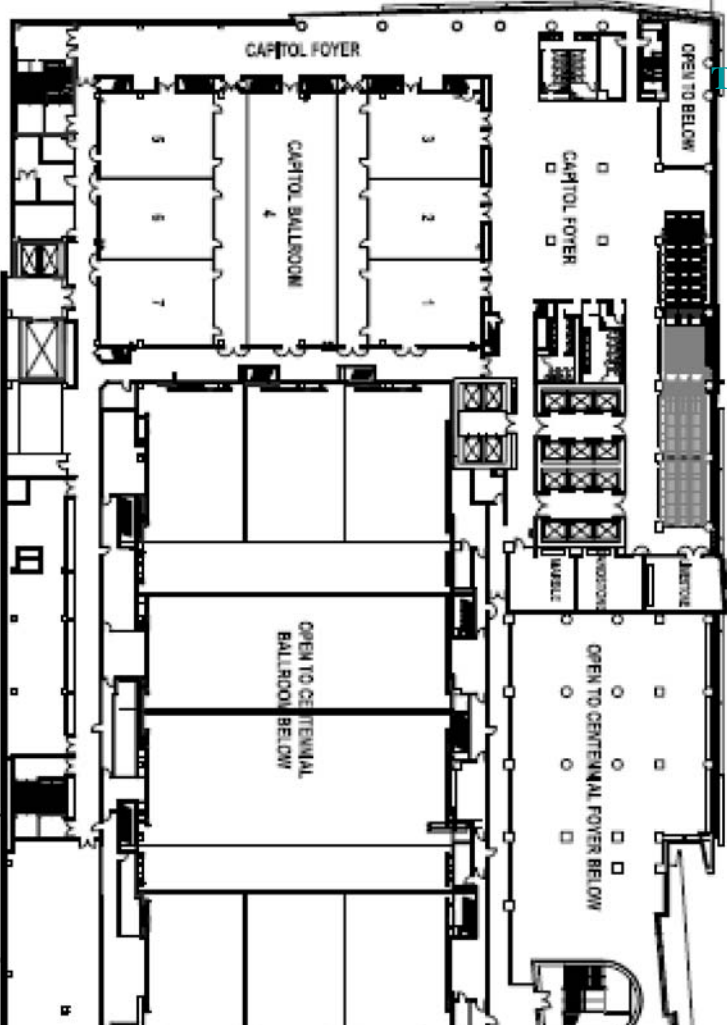
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