



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

**63<sup>RD</sup> ANNUAL SCIENTIFIC MEETING**  
**MARCH 2 - 5, 2005**



*The Sheraton Wall Centre*  
*Vancouver, BC Canada*

# AMERICAN PSYCHOSOMATIC SOCIETY

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*Nancy Frasure-Smith, PhD  
President*

## ***WELCOME TO VANCOUVER!***

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 63rd Annual Scientific Meeting. We welcome your full participation and encourage you to use this opportunity to exchange ideas with leaders in the field of Psychosomatic Medicine. The Scientific Program offers the latest findings on topics with significance to Psychosomatic Medicine worldwide.

### **2005 Meeting Objectives**

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

- 1) Discuss the etiology of inflammation-based disorders, and how inflammatory markers may help one to understand the course of particular diseases.
- 2) Discuss which inflammatory markers have clinical utility for the prediction of future illness.
- 3) Describe barriers that may exist within certain populations to adherence to prescribed medication regimens, and how to overcome these barriers.
- 4) Discuss the nature of inflammation and atherosclerotic plaque in the etiology and treatment of heart disease.
- 5) Discuss methods of presenting research results in manuscripts and grant proposals.
- 6) Review one's skills at writing papers that are targeted at peer-reviewed journals;
- 7) Discuss the "gold standard" method for assessing compliance with prescribed medication regimens;
- 8) Review psychosocial risk factors for illnesses with an inflammatory component;
- 9) Discuss cutting-edge techniques in the etiology and treatment of asthma;
- 10) Discuss the current state of the field concerning treatment of HIV and AIDS.



*Julian F. Thayer, PhD  
Program Committee Chair*



*William Gerin, PhD  
Program Committee  
Co-Chair*

## 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; family of Alvin P. Shapiro, MD; family and friends of Herbert Weiner, MD; The Cousins Center for Psychoneuroimmunology at the UCLA Neuropsychiatric Institute; Vivometrics; Linco Research; Cedarlane Labs; Applied Biosystems; and Donors of 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, E-MAIL: info@psychosomatic.org; URL: 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 **30.5** category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent 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. The 63rd Annual Scientific Meeting of the American Psychosomatic Society carries **30.5** 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 63rd Scientific 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 "Position 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.

## APS Scholar Awards Program

For the past seven years APS has awarded APS Scholar Awards to trainees who are conducting research. This year APS will award 24 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:

**Victoria Beckner, PhD** ~ Department of Psychiatry, University of California San Francisco, San Francisco, CA

**Malinda Breda, PhD** ~ Jewish Family Service of San Diego, San Diego, CA

**A. Dietrich, MA** ~ Department of Psychiatry, Groningen University Medical Center, Groningen, The Netherlands

**Michael Forlenza, PhD** ~ UNC Lineberger, Chapel Hill, NC

**Mark Hamer, PhD** ~ Department of Psychobiology, University College London, London, UK

**Shamini Jain, MS** ~ Department of Psychiatry, University of California, San Diego, CA

**Sally Jensen, BA** ~ Department of Clinical & Health Psychology, University of Florida, Gainesville, FL

**Doerte Junghaenel** ~ Department of Psychology, Stony Brook University, Stony Brook, NY

**Rebecca Klatzkin, BS** ~ Department of Psychiatry, University of North Carolina, Chapel Hill, NC

**Martijn Kwaijtaal, MS** ~ Department of Medical Microbiology, University Hospital Maastricht, The Netherlands

**Nicole Maninger, MA** ~ Department of Psychology, University of California, Davis, CA

**Laust Mortensen, BA** ~ Center for Alcohol Research, National Institute of Public Health, Copenhagen, Denmark

**Laurel Paterson, BA** ~ Department of Psychology, University of British Columbia, Vancouver, BC, Canada

**Joseph Poole, MS** ~ Department of Pediatrics, Medical College of Georgia, Augusta, GA

**Phillip Quartana, MS** ~ Department of Psychology, Rosalind Franklin University of Medicine and Science, North Chicago, IL

**Alison Radcliffe, BA** ~ Department of Psychology, Wayne State University, Detroit, MI

**Scott Siegel, MS** ~ Department of Psychology, University of Miami, Coral Gables, FL

**Janet Sterner, PhD** ~ Department of Society, Human Development, and Health, Harvard School of Public Health, Boston, MA

**Jesse Stewart, PhD** ~ Department of Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA

**Elin Strand** ~ Department of Behavioural Sciences, University of Oslo, Oslo, Norway

**Derek Turesky, BA** ~ Department of Psychology, University of Iowa, Iowa City, IA

**Henriët van Middendorp, PhD** ~ Department of Health Psychology, Utrecht University, Utrecht, The Netherlands

**Jet Veldhuijzen van Zanten, MSc** ~ School of Sport and Exercise Sciences, University of Birmingham, Birmingham, UK

**Cora Weber, MD** ~ Department of Psychosomatic Medicine, Charité Campus Benjamin Franklin, Berlin, Germany

## 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 Dinner

New for this year, students attending the APS meeting have been invited to attend a dinner following the Mentor/Mentee Reception, on Thursday, March 3 at Steamworks restaurant, located a little over a mile from the Sheraton Wall Centre. 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.*

## PRACTICE-RELEVANT ABSTRACTS

The following abstracts have been selected as having the highest potential to change clinical practice from the perspective of either screening, diagnosis or treatment. They have also been identified with an asterisk where they appear in the program.

### CITATION POSTERS

#### **ABSTRACT 1717 (Display #1, Wednesday, 6:15 - 7:15pm)**

##### **IMPACT OF LARGE-SCALE POVERTY ALLEVIATION PROGRAM ON OBESITY, HYPERTENSION AND MENTAL HEALTH IN ADULTS**

*Lia Fernald, Medicine, University of San Francisco, Berkeley, CA, Paul Gertler, Public Health, University of California - Berkeley, Berkeley, CA*

#### **ABSTRACT 1455 (Display #4, Wednesday, 6:15 - 7:15pm)**

##### **THE EFFECTS OF A WORKBOOK-JOURNAL IN REDUCING DEPRESSION AND POSTTRAUMATIC STRESS DISORDER IN RURAL/SOCIALLY ISOLATED WOMEN NEWLY DIAGNOSED WITH BREAST CANCER**

*Cheryl Koopman, Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA, Mary Anne Kreshka, Sierra College, Nevada City, CA, Balazs I. Bodai, Breast Health Center, Kaiser Permanente, Sacramento, CA, Xin-Hua Chen, Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA, Karyn L. Angell, Chronic Illness Research Group & Women's Health, Oregon Research Institute, Eugene, OR, Therese Nakata, Helene Wolf, Breast Health Center, Kaiser Permanente, Sacramento, CA, Kathy Graddy, Graddy Graphic Design, San Francisco, CA, Rebecca Parsons, Grass Valley, CA, Patricia Donnelly, Sierra Nevada Memorial Hospital, Grass Valley, CA, Dorothy Hitchcock, Nevada City, CA*

#### **ABSTRACT 1444 (Display #9, Wednesday, 6:15 - 7:15pm)**

##### **EVALUATION OF GUIDED IMAGERY'S EFFECT ON POST-SURGICAL PARAMETERS**

*Jeffrey M. Walch, Bruce S. Rabin, Pathology, Richard Day, Biostatistics, University of Pittsburgh Medical Center, Pittsburgh, PA*

### PAPERS

#### **ABSTRACT 1618**

##### **(Innovations in Intervention, Saturday, 1:15 - 3:15pm)**

##### **TELEPHONE-BASED STRESS MANAGEMENT FOR PATIENTS AWAITING LUNG TRANSPLANTATION: THE INSPIRE STUDY**

*Michael A. Babyak, James A. Blumenthal, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC, Robert M. Carney, Department of Psychiatry, Washington University School of Medicine, St. Louis, MO, Francis J. Keefe, Department of Psychiatry and Behavioral Sciences, R. Duane Davis, Thoracic Surgery, Duke University Medical Center, Durham, NC, Rick LaCaille, Department of Psychiatry and Behavioral Sciences, Duke University Medical School, Durham, NC, Priti Parekh, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC, Kenneth E. Freedland, Department of Psychiatry, Elbert P. Trulock, III, Department of Surgery, Washington University School of Medicine, St. Louis, MO, Scott M. Palmer, Department of Medicine/Pulmonary Medicine, Duke University Medical Center, Durham, NC*

#### **ABSTRACT 1101**

##### **(Innovations in Intervention, Saturday, 1:15 - 3:15pm)**

##### **IMPACT OF TRANSCENDENTAL MEDITATION ON VASCULAR FUNCTION IN AFRICAN AMERICAN ADOLESCENTS**

*Vernon A. Barnes, Georgia Prevention Institute, Pediatrics, Surender Malhotra, Cardiology, Frank A. Treiber, Georgia Prevention Institute, Dept of Pediatrics, Medical College of Georgia, Augusta, GA*

### POSTERS

#### **ABSTRACT 1453 (Display #95, Thursday, 5:15 - 6:30pm)**

##### **LIFESTYLE CHANGES AND CORONARY RISK IN THE MULTISITE CARDIAC LIFESTYLE INTERVENTION PROGRAM: RESULTS FROM THE 12 WEEK FOLLOW-UP**

*Jennifer J. Daubenmier, Gerdi Weidner, Michael D. Sumner, Ute Schulz, Preventive Medicine Research Institute, Sausalito, CA, Terri Merritt-Worden, Joli Studley, Highmark BCBS, Pittsburgh, PA, Dean Ornish, Preventive Medicine Research Institute, Sausalito, CA*

#### **ABSTRACT 1591 (Display #66, Thursday, 5:15 - 6:30pm)**

##### **NEGATIVE LIFE EVENTS AND WEIGHT GAIN IN WOMEN AT MID-LIFE**

*TenÈ Lewis, Susan Everson-Rose, Kelly Karavolos, Lynda Powell, Preventive Medicine, Rush University Medical Center, Chicago, IL, Karen Matthews, Psychiatry, University of Pittsburgh, Pittsburgh, PA*

#### **ABSTRACT 1700 (Display #296, Saturday, 5:00 - 6:15pm)**

##### **PERSISTENT POST-SURGICAL DEPRESSIVE SYMPTOMS AND LONG-TERM SURVIVAL FOLLOWING CORONARY ARTERY BYPASS SURGERY**

*John M. Ruiz, Psychology, Washington State University, Pullman, WA, Karen A. Matthews, Psychiatry, University of Pittsburgh, Pittsburgh, PA, Michael F. Scheier, Jeremy Wortman, Psychology, Carnegie Mellon University, Pittsburgh, PA, Richard Schulz, Psychiatry, University of Pittsburgh, Pittsburgh, PA†*

### SYMPOSIA

#### **INDIVIDUAL ABSTRACT 1152 (SYMPOSIUM 1137)**

##### **(Trauma, Depression, Coping and Behavioral Treatment Affect HIV Disease Course, Saturday, 3:30 - 5:00pm)**

##### **COGNITIVE BEHAVIORAL STRESS MANAGEMENT (CBSM) EFFECTS ON REGRESSION OF CERVICAL DYSPLASIA AMONG HIV+ WOMEN**

*Deidre Pereira, Clinical & Health Psychology, U of FL, Gainesville, FL, Michael Antoni, Psychology, U of Miami, Coral Gables, FL, Mary Ann Fletcher, Medicine, U of Miami, Miami, FL, Mary Jo O'Sullivan, OB/GYN, U of Miami, Coral Gables, FL*

#### **INDIVIDUAL ABSTRACT 1420 (SYMPOSIUM 1121)**

##### **(Is There Life After ENRICH, Friday, 10:15 - 11:15am)**

##### **CAN CHANGES IN LIFESTYLE AFFECT CORONARY ARTERY DISEASE AND QUALITY OF LIFE? RESULTS FROM THREE CARDIAC INTERVENTION PROGRAMS**

*Gerdi Weidner, Preventive Medicine Research Institute, Sausalito, CA, Dean Ornish, Preventive Medicine Research Institute, Sausalito CA, Sausalito, CA*



For the fourth year the American Psychosomatic Society is awarding travel assistance to an applicant/nominee from a developing nation. As with last year, this year's award is graciously sponsored by The Cousins Center for Psychoneuroimmunology at the UCLA Neuropsychiatric Institute. The winner for this year is **Vinod Kochupillai, MBBS** of New Delhi, India. We are excited to have him in attendance.

## Exhibitors

### VivoMetrics

We provide 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.

### MindWare Technologies, Inc.

MindWare Technologies specializes in computer-based systems for data acquisition, stimulus presentation, and analysis software for psychophysiology research. We are a premier resource for customized laboratory design, installation, and integration.

## APS Business Meeting and Luncheon

The APS Business Meeting is open to all members and non-members. The luncheon meeting will feature 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. Lunch, free of charge, is included.

If you would like to attend but have not yet signed up for this event, please stop by the APS registration desk by Friday at noon.

## 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, Liaison, and International 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.

## HOW TO CITE YOUR ABSTRACT

The January/February 2005 (volume 67, number 1) on-line issue of *Psychosomatic Medicine* contains the 2005 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 67, 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.

# American Psychosomatic Society's 63rd Annual Scientific Meeting

## March 2 - 5, 2005 ~ Vancouver, BC Canada

### Program-at-a-Glance

#### WEDNESDAY - MARCH 2nd, 2005

<b>8:00am</b>	<b>Registration Opens</b> <b>Pavillion Ballroom Foyer</b>	<b>1:00 - 5:00pm</b>	<b>Preconference Workshop on the MacArthur Model for Testing Mediators and Moderators</b> <b>Junior Ballroom A-B</b> Dr. Helena Kraemer
<b>9:00am - 5:00pm</b>	<b>Preconference Workshop on Inflammation &amp; Immunity</b> <b>Junior Ballroom C-D</b> Drs. Gregory Miller, Michael Irwin, Susan Lutgendorf, Julian Thayer, Virginia M. Sanders, Don D. Sin, and Steven W. Cole	<b>5:30 - 6:15pm</b>	<b>Welcome, Data Blitz, and Awards</b> <b>Pavillion Ballroom C-D</b>
<b>9:00am - 12:00pm</b>	<b>Career Development Workshop: Funding and Publishing</b> <b>Junior Ballroom A-B</b> Drs. Martica Hall and William Gerin	<b>6:15 - 7:15pm</b>	<b>Cocktail Reception and Citation Poster Session</b> <b>Pavillion Ballroom A-B &amp; Foyer</b>
		<b>7:15 - 8:15pm</b>	<b>Just Desserts Fundraising Event</b> (Invitation Only) <b>Parksville Room</b>

#### THURSDAY - MARCH 3rd, 2005

<b>7:00am</b>	<b>Registration</b> <b>Pavillion Ballroom Foyer</b>		<b>Roundtable 2:</b> The Cochrane Collaboration: What is it and why should you care? (Drs. Karina Davidson, Bonnie Spring, Peter Kaufmann, and Redford Williams) <b>Parksville Room</b>
<b>7:30 - 8:00am</b>	<b>Continental Breakfast</b> <b>Pavillion Ballroom Foyer</b>		
<b>8:00 - 8:35am</b>	<b>President's Award Lecture</b> <b>Pavillion Ballroom</b> Dr. Karen Matthews iGetting to the Heart of the Matter: Origins of Cardiovascular Riski		<b>Roundtable 3:</b> Task Force on Biopsychosocial Consequences of Disaster and Terrorism (Drs. Cheryl Koopman and Steven Locke) <b>Port McNeill Room</b>
<b>8:35 - 9:10am</b>	<b>Herbert Weiner Early Career Award</b> <b>Pavillion Ballroom</b> Dr. Gregory Miller iEmotions, Immunity, and Disease: Tales from Psychoneuroimmunologyi		<b>Roundtable 4:</b> Mind-Body Research and the Applicability of iTeam Sciencei (i.e., Transdisciplinary Science) (Drs. Paige A. McDonald and Margaret Chesney) <b>Port Hardy Room</b>
<b>9:10 - 9:30am</b>	<b>Break</b> <b>Pavillion Ballroom Foyer</b>		<b>Roundtable 5:</b> Heart rate variability: its relevance to psychosomatic medicine (Drs. Paul Lehrer and Richard Sloan) <b>Port Alberni Room</b>
<b>9:30 - 10:30am</b>	<b>Patricia R. Barchas Award Lecture</b> <b>Pavillion Ballroom</b> Dr. Janice Kiecolt-Glaser iMarriage, Stress, Immunity, and Wound Healing: How Relationships Influence Healthi	<b>11:30am - 12:45pm</b>	<b>Psychosomatic Medicine Editorial Board Luncheon</b> <b>Orca Room</b> <b>Professional Education Committee Lunch Meeting</b> <b>Chart Room</b>
<b>10:30 - 11:30am</b>	<b>Psychosomatic, Mind-Body, and Complementary Medicine: Surveying the Landscape</b> <b>Pavillion Ballroom</b> Dr. Margaret Chesney	<b>12:45 - 2:15pm</b>	<b>3 Concurrent Sessions</b> <b>Symposium:</b> Cardiac Vagal Reactivity and Risk for Cardiovascular Disease (1317) <b>Pavillion Ballroom D</b> <b>Symposium:</b> The Ins and Outs of Cortisol Research in Psychosomatic Medicine (1719) <b>Pavillion Ballroom C</b> <b>Paper:</b> Stress, Distress, and the Immune System (1572, 1040, 1616, 1684, 1570)
<b>11:30am - 12:45pm</b>	<b>Lunch on your own / Roundtable Lunches</b> <b>Roundtable 1:</b> Stress and Neuroimaging (Dr. Mary-Frances O'Connor) <b>Azure Room</b>		

**THURSDAY - MARCH 3rd, 2005, continued**

	<b>Pavillion Ballroom A-B</b>		<b>Symposium:</b> There's Madness in our Methods: The Statistical Revolution in Psychosomatic Medicine (1004) <b>Pavillion Ballroom A-B</b>
<b>2:15 - 2:30pm</b>	<b>Break</b> <b>Pavillion Ballroom Foyer</b>		<b>Symposium:</b> Stress and Coronary Heart Disease: The Neurocardiac Interaction (1197) <b>Pavillion Ballroom D</b>
<b>2:30 - 4:00pm</b>	<b>3 Concurrent Sessions</b> <b>Symposium:</b> The Clinical Importance of Levels of Emotional Awareness (1083) <b>Pavillion Ballroom A-B</b> <b>Symposium:</b> Sleep, Health and Disease (1132) <b>Pavillion Ballroom C</b> <b>Invited Symposium:</b> Progress in Respiratory Disease: Longitudinal Research, Psychoneuroimmunology, Brain Imaging, and Behavioral Intervention <b>Pavillion Ballroom D</b>	<b>5:15 - 6:30pm</b>	<b>Poster Session I</b> <b>Junior Ballroom</b>
<b>4:00 - 4:15pm</b>	<b>Break</b> <b>Pavillion Ballroom Foyer</b>	<b>6:30 - 7:30pm</b>	<b>Mentor / Mentee Reception</b> (followed by a dinner for students at local restaurant) <b>Azure Room</b>
<b>4:15 - 5:15pm</b>	<b>3 Concurrent Sessions</b>	<b>7:30pm</b>	<b>Past Leaders Dinner Meeting</b> (officers, chairs, council) <b>Port McNeill Room</b>

**FRIDAY - MARCH 4th, 2005**

<b>7:00am</b>	<b>Registration</b> <b>Pavillion Ballroom Foyer</b>	<b>11:30am - 12:30pm</b>	<b>3 Concurrent Sessions</b> <b>Symposium:</b> Psychosocial and Behavioral Influences on Antibody Response to Vaccination (1255) <b>Pavillion Ballroom A-B</b>
<b>7:30 - 8:00am</b>	<b>Continental Breakfast</b> <b>Pavillion Ballroom Foyer</b>		<b>Symposium:</b> SES, Mood, and Health: New Findings on Complex Relationships (1654) <b>Pavillion Ballroom C</b>
<b>8:00 - 10:00am</b>	<b>3 Concurrent Sessions</b> <b>Symposium:</b> The Metabolic Syndrome: Clinical Definitions, Epidemiology, and Future Directions (1359) <b>Pavillion Ballroom A-B</b> <b>Paper:</b> The Impact of Depression: Mechanisms and Outcomes (1585, 1584, 1065, 1062, 1269, 1422) <b>Pavillion Ballroom D</b> <b>Paper:</b> Psychoneuroimmunology: Biobehavioral Influences On Inflammation (1227, 1243, 1196, 1436, 1575, 1343, 1375) <b>Pavillion Ballroom C</b>	<b>12:30 - 1:45pm</b>	<b>Lunch on your own/Roundtable Lunches</b> <b>Roundtable 6:</b> The Role of Rumination and Worry in Prolonged Physiological Stress Responses (Drs. Jos Brosschot and Wolfgang Linden) <b>Orca Room</b>
<b>10:00 - 10:15am</b>	<b>Break</b> <b>Pavillion Ballroom Foyer</b>		<b>Roundtable 7:</b> Biopsychosocial Rheumatic Diseases Roundtable (Drs. Deborah N. Ader and Frank Keefe) <b>Parksville Room</b>
<b>10:15 - 11:15am</b>	<b>3 Concurrent Sessions</b> <b>Paper:</b> Substance Abuse: Epidemiology and Intervention (1151, 1049, 1512, 1343) <b>Pavillion Ballroom A-B</b> <b>Symposium:</b> Stress and Biology During Childhood (1466) <b>Pavillion Ballroom C</b> <b>Symposium:</b> Is there Life After ENRICH? (1121) <b>Pavillion Ballroom D</b>		<b>Roundtable 8:</b> On the Market: Searching for and Getting a Job in Academia (Drs. Peter Gianaros and Suzanne Segerstrom) <b>Port McNeill Room</b>
			<b>Roundtable 9:</b> Gastrointestinal Disorders Roundtable (Dr. Susan Levenstein) <b>Port Hardy Room</b>
			<b>Roundtable 10:</b> The Use of Hypnosis in Medicine and in Medical Research (Dr. Jeanne Hernandez) <b>Port Alberni Room</b>

**FRIDAY - MARCH 4th, 2005, continued**

<b>1:45 - 3:45pm</b>	<b>Cutting Edge Symposium</b> <b>Pavillion Ballroom</b> <b>Chair: Dr. William Gerin</b> <b>Agnostic Stress, Transcendence Striving, and Social-Emotional Competence</b> (Dr. Craig K. Ewart) <b>Vulnerable Plaque: New Paradigms</b> (Dr. Daichi Shimbo) <b>Effects of Stress Management in HIV/AIDS: Psychosocial, Physiological and Disease Indicators</b> (Dr. Michael H. Antoni) <b>Patient adherence to medical regimens: Levels of understanding and intervention</b> (Dr. Alan J. Christensen) <b>Cutting Edge Priorities for NIH: Translating Behavioral Science Discoveries into Practical Strategies for Improving Public Health</b> (Dr. Susan Czajkowski)	<b>4:15 - 5:45pm</b>	<b>3 Concurrent Sessions</b> <b>Symposium: Genetic Exploration of Individual Differences</b> (1402) <b>Pavillion Ballroom A-B</b> <b>Paper: Functional Neuroimaging of Emotion, Stress, and Pain</b> (1142, 1459, 1499, 1515, 1316) <b>Pavillion Ballroom C</b> <b>Paper: Cardiovascular Mechanisms in Stress and Disease</b> (1305, 1450, 1275, 1163, 1658) <b>Pavillion Ballroom D</b>
		<b>5:45 - 7:00pm</b>	<b>Poster Session II</b> <b>Junior Ballroom</b>
		<b>6:00 - 9:00pm</b>	<b>Council Meeting</b> <b>Parksville Room</b>
<b>3:45 - 4:15pm</b>	<b>Break</b> <b>Pavillion Ballroom Foyer</b>		

**SATURDAY - MARCH 5th, 2005**

<b>7:30 - 9:00am</b>	<b>2006 Program Committee Breakfast Meeting</b> <b>Port McNeill Room</b>		<b>Symposium: Stress and the Immune Response: The Suppression Paradigm Revisited From Lab Bench to Real Life</b> (1640) <b>Pavillion Ballroom A-B</b>
<b>8:00am</b>	<b>Registration</b> <b>Pavillion Ballroom Foyer</b>		<b>Paper: Innovations in Intervention: Issues in Adherence, Psychosomatic Telemedicine and Alternative Medicine</b> (1006, 1401, 1669, 1618, 1501, 1101, 1683) <b>Pavillion Ballroom D</b>
<b>8:30 - 9:00am</b>	<b>Continental Breakfast</b> <b>Pavillion Ballroom Foyer</b>		<b>Paper: Cancer: Biological and Psychological Processes</b> (1631, 1145, 1347, 1696, 1314, 1176, 1607) <b>Pavillion Ballroom C</b>
<b>9:00 - 9:50am</b>	<b>President's Address</b> <b>Pavillion Ballroom</b> Dr. Nancy Frasure-Smith, President, APS The Perplexing Puzzle of Depression in Coronary Artery Disease	<b>3:15 - 3:30pm</b>	<b>Break</b> <b>Pavillion Ballroom Foyer</b>
<b>10:00 - 10:50am</b>	<b>Alvin P. Shapiro Award Lecture</b> <b>Pavillion Ballroom</b> Dr. William Busse A New Look at the Role of Stress and the Central Nervous System in Asthma	<b>3:30 - 5:00pm</b>	<b>3 Concurrent Sessions</b> <b>Symposium: Trauma, Depression, Coping and Behavioral Treatment Affect HIV Disease Course</b> (1137) <b>Pavillion A-B</b>
<b>11:00am - 12:00pm</b>	<b>Immune-to-Brain Communication: Implications for Understanding Cognition and Pain</b> <b>Pavillion Ballroom</b> (Drs. Linda Watkins and Steve Maier)		<b>Symposium: Alternative Treatments for Targeting Depression, Stress and Cardiovascular Risk Factors</b> (1165) <b>Pavillion C</b> <b>Paper: Stress, Cortisol and Biobehavioral Processes</b> (1241, 1250, 1571, 1225, 1234) <b>Pavillion D</b>
<b>12:00 - 1:15pm</b>	<b>Business Meeting Lunch</b> <b>Grand Ballroom A</b> or Lunch on your own	<b>5:00 - 6:15pm</b>	<b>Poster Session III</b> <b>Junior Ballroom</b>
<b>1:15 - 3:15pm</b>	<b>3 Concurrent Sessions</b>	<b>7:00pm - 12:00am</b>	<b>Dinner and Entertainment</b> <b>Grand Ballroom A-B</b>



# Scientific Program

**Wednesday, March 2, 2005  
Pre-Conference Events**

**8:00am - 6:00pm**

**Pavillion Ballroom Foyer**

**REGISTRATION**

**9:00am - 5:00pm**

**Junior Ballroom C-D**

**PRECONFERENCE WORKSHOP ON INFLAMMATION & IMMUNITY** (*Drs. Gregory Miller, Michael Irwin, Susan Lutgendorf, and Julian Thayer*)

The objectives of the workshop are to provide attendees with a basic understanding of the inflammatory process, the role it plays in cardiovascular and respiratory diseases, and some insights into how it can be measured in studies in psychosomatic medicine. This information will be conveyed through a series of lectures and question and answer sessions with leading experts in the field (Dr. Virginia Sanders, Dr. Julian Thayer, Dr. Don Sin). Later in the day, the experts will join members of our society for a round table discussion that focuses on practical issues involved in measuring inflammatory processes.

**9:00 - 10:30am**

**CYTOKINES IN IMMUNOLOGY**

*Virginia M. Sanders, PhD, Professor, Department of Molecular Virology, Immunology and Medical Genetics, The Ohio State University, Columbus, OH*

**10:30 - 10:45am**

**BREAK**

**10:45am - 12:15pm**

**INFLAMMATION AND AGING**

*Julian F. Thayer, PhD, Emotions & Quantitative Psychophysiology Section, National Institute on Aging, NIH, Baltimore, MD*

**12:15 - 1:15pm**

**LUNCH ON YOUR OWN**

**1:15 - 2:45pm**

**THE ROLE OF INFLAMMATION IN RESPIRATORY AND CARDIOVASCULAR DISEASES**

*Don D. Sin, MD, Canadian Research Chair in Chronic Obstructive Lung Disease, Associate Professor, Department of Medicine, University of British Columbia, Vancouver, BC*

**3:00 - 5:00pm**

**PANEL DISCUSSION**

Each of the previous speakers and chairs in addition to Steven W. Cole, PhD, Assistant Professor, Division of Hematology-Oncology, Department of Medicine, UCLA School of Medicine, Los Angeles, CA

**9:00am - 12:00pm**

**Junior Ballroom A-B**

**CAREER DEVELOPMENT WORKSHOP: FUNDING AND PUBLISHING**

*Martica Hall, PhD, Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA and William Gerin, PhD, Assistant Professor, Department of Medicine, Columbia University Health Services, New York, NY*

*Objectives:*

1. To learn how to develop a research project that is potentially fundable by NIH
2. To learn how to construct a budget for a research application
3. To learn the basics of the NIH grant review process

**1:00 - 5:00pm**

**Junior Ballroom A-B**

**PRECONFERENCE WORKSHOP ON THE MACARTHUR MODEL FOR TESTING MEDIATORS AND MODERATORS**

*Helena Kraemer, PhD, Professor of Psychiatry and Behavior Science, Stanford University Medical Center, Stanford, CA*

The workshop will discuss why the MacArthur Model is more suitable than the Baron and Kenny model in behavioral research areas, why the discoveries of moderators, mediators as well as proxies, overlapping and independent variables can expand knowledge in these fields, and will present examples of the applications of these ideas as well as the unsolved problems in these areas.

# Scientific Program

**Wednesday, March 2, 2005**

**5:30 - 5:35pm**

**Pavillion Ballroom C-D**

**WELCOME AND ANNOUNCEMENTS**

Drs. Julian Thayer and William Gerin

**5:35 - 6:00pm**

**Pavillion Ballroom C-D**

**DATA BLITZ**

Dr. Gregory Miller

Eight leading scientists will present their findings during a 25-minute blitz. Each will have 1-2 minutes to present his/her findings, and be allowed to show a maximum of 2 slides. This session will give attendees a preview of some of the most exciting, hot-off-the-press findings in psychosomatic medicine research.

**6:00 - 6:15pm**

**Pavillion Ballroom C-D**

**INTERNATIONAL TRAVEL ASSISTANCE AWARD**

*Introducing the travel award will be Dr. Michael Irwin*  
(see page 7 for details)

**SCHOLAR AWARDS**

*Introducing these awards will be Drs. Paul Mills and Mark Lumley*  
(see page 5 for details)

**6:15 - 7:15pm**

**Pavillion Ballroom A-B & Foyer**

**CITATION POSTER SESSION AND COCKTAIL RECEPTION**

**1) ABSTRACT 1717\***

**IMPACT OF LARGE-SCALE POVERTY ALLEVIATION PROGRAM ON OBESITY, HYPERTENSION AND MENTAL HEALTH IN ADULTS**

*Lia Fernald, Medicine, University of San Francisco, Berkeley, CA, Paul Gertler, Public Health, University of California - Berkeley, Berkeley, CA*

**2) ABSTRACT 1705**

**THE ACCULTURATION GRADIENT: ACCULTURATION IMPACTS THE RELATIONSHIP BETWEEN SES AND AMBULATORY BLOOD PRESSURE**

*Patrick Steffen, Psychology, Brigham Young University, Provo, UT*

**3) ABSTRACT 1369**

**OBESITY MODULATES ASSOCIATION BETWEEN ADRB2 HAPLOTYPE AND CARDIOVASCULAR STRESS REACTIVITY**

*Joseph C. Poole, Harry C. Davis, Harold Snieder, Frank A. Treiber, Pediatrics, Medical College of Georgia, Augusta, GA*

**4) ABSTRACT 1455\***

**THE EFFECTS OF A WORKBOOK-JOURNAL IN REDUCING DEPRESSION AND POSTTRAUMATIC STRESS DISORDER IN RURAL/SOCIALLY ISOLATED WOMEN NEWLY DIAGNOSED WITH BREAST CANCER**

*Cheryl Koopman, Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA, Mary Anne Kreshka, Sierra College, Nevada City, CA, Balazs I. Bodai, Breast Health Center, Kaiser Permanente, Sacramento, CA, Xin-Hua Chen, Psychiatry & Behavioral Sciences, Stanford University, Stanford, CA, Karyn L. Angell, Chronic Illness Research Group & Women's Health, Oregon Research Institute, Eugene, OR, Therese Nakata, Helene Wolf, Breast Health Center, Kaiser Permanente, Sacramento, CA, Kathy Graddy, Graddy Graphic Design, San Francisco, CA, Rebecca Parsons, Grass Valley, CA, Patricia Donnelly, Sierra Nevada Memorial Hospital, Grass Valley, CA, Dorothy Hitchcock, Nevada City, CA*

**5) ABSTRACT 1626**

**ACCEPTANCE BY SOCIETY CORRELATES WITH IMMUNE AND ENDOCRINE MEASURES (CYTOTOXIC CD8 CELLS, NATURAL KILLER CELLS, AND CORTISOL) THAT PROTECT THE HEALTH OF NON-PROGRESSORS WITH HIV**

*Elizabeth Balbin, Gail Ironson, Kelly Detz, Conall O'Cleirigh, Psychology, Behavioral Medicine, University of Miami, Coral Gables, FL, Mary Ann Fletcher, Medicine, University of Miami, Miami, FL*

**6) ABSTRACT 1437**

**COGNITIVE BEHAVIORAL STRESS MANAGEMENT (CBSM) EFFECTS ON SOCIAL SUPPORT & POSITIVE AFFECT AMONG HIV+ WOMEN AT RISK FOR CERVICAL CANCER**

*Sally Jensen, Deidre Pereira, Clinical & Health Psychology, U of FL, Gainesville, FL, Nicole Ennis, Michele Peake, Rachel Rose, Ilona Buscher, Michael Antoni, Psychology, U of Miami, Coral Gables, FL*

**7) ABSTRACT 1675**

**SOCIABILITY, INTERFERON-GAMMA, AND SIV DISEASE IN RHESUS MONKEYS**

*Nicole Maninger, John P. Capitanio, Christine M. Brennan, Psychology Department, University of California, Davis, CA*

**8) ABSTRACT 1564**

**SEX DIFFERENCES IN PAIN SENSITIVITY: INTERACTIONS WITH SOCIAL SUPPORT**

*Laura E. McClelland, James A. McCubbin, Fred S. Switzer, Robin M. Kowalski, Psychology, Clemson University, Clemson, SC*

**9) ABSTRACT 1444\***

**EVALUATION OF GUIDED IMAGERY'S EFFECT ON POST-SURGICAL PARAMETERS**

*Jeffrey M. Walch, Bruce S. Rabin, Pathology, Richard Day, Biostatistics, University of Pittsburgh Medical Center, Pittsburgh, PA*

**10) ABSTRACT 1053**

PAIN CATASTROPHIZING MODERATES EFFECTS OF COGNITIVE PAIN COPING EFFORTS DURING PAIN-INDUCTION ON SYMPTOM-SPECIFIC PHYSIOLOGICAL REACTIVITY AMONG CHRONIC LOW BACK PAIN PATIENTS

*Phillip J. Quartana, John W. Burns, Psychology, Rosalind Franklin University of Medicine and Science, North Chicago, IL*

**11) ABSTRACT 1338**

THE EFFECT OF PLACEBO-INDUCED EXPECTATIONS ON GASTRIC TACHYARRHYTHMIA AND VECTION-INDUCED NAUSEA

*Max E. Levine, Internal Medicine, Wake Forest University School of Medicine, Winston-Salem, NC, Robert M. Stern, Psychology, The Pennsylvania State University, University Park, PA*

**12) ABSTRACT 1419**

THE EFFECTS OF PSYCHOLOGICAL STRESS ON GASTROINTESTINAL ACTIVITY

*Talissa A. Frank, Stephanie R. Fishel, Eric R. Muth, Psychology, Clemson University, Clemson, SC*

**13) ABSTRACT 1644**

SLEEP QUALITY AS A FUNCTION OF PSYCHOSOCIAL RISK FACTORS IN A POPULATION-BASED SAMPLE OF OLDER ADULTS: LONELINESS AS A PROXIMAL AND DISTAL PREDICTOR

*Louise C. Hawkey, John T. Cacioppo, Psychology, University of Chicago, Chicago, IL*

**14) ABSTRACT 1530**

DEPRESSION IS RELATED TO POLYMORPHIC VARIATION IN THE CHOLINE TRANSPORTER GENE

*Serina A. Neumann, Janine D. Flory, Psychology, Robert E. Ferrell, Human Genetics, Stephen B. Manuck, Psychology, University of Pittsburgh, Pittsburgh, PA*

**15) ABSTRACT 1041**

HISTORIES OF DEPRESSION IN WOMEN ARE ASSOCIATED WITH ALTERATIONS IN ALLOPREGNANOLONE STRESS REACTIVITY

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

**16) ABSTRACT 1198**

RUR AND EWRO, NEW MARKERS OF ENDOTHELIAL FUNCTION

*Andre Arsenault, Nuclear Medicine, Montreal Heart Institute, Montreal, QC, Canada, Simon L. Bacon, Nuclear Medicine, Psychology, Montreal Heart Institute, McGill University, Montreal, QC, Canada, Kim L. Lavoie, Nuclear Medicine, Psychology, Montreal Heart Institute, McGill University, Montreal, QC, Canada, Bernard Meloche, Nuclear Medicine, Montreal Heart Institute, Montreal, QC, Canada*

**17) ABSTRACT 1143**

INCREASED GLUCOCORTICOID SENSITIVITY OF LYMPHOCYTE PROLIFERATION IN PATIENTS WITH ATOPIC DISEASES

*Nicolas Rohleder, Jutta M. Wolf, Clemens Kirschbaum, Biopsychology, TU Dresden, Dresden, Germany*

**18) ABSTRACT 1554**

CORONARY ARTERY DISEASE PATIENTS WITH HIGH DEPRESSION SCORES HAVE LOWER CARDIOVASCULAR REACTIVITY DURING LAB MENTAL STRESSORS

*Srikanth Ramachandruni, Clay Sizemore, Sue Mc Gorry, Roger Fillingim, Amanda Pusey, David Sheps, University of Florida, Gainesville, FL*

**19) ABSTRACT 1379**

MECHANISMS UNDERLYING MENTAL STRESS-INDUCED HEMOCONCENTRATION: MICROVASCULAR PERMEABILITY AND SYSTOLIC BLOOD PRESSURE

*Jet Veldhuijzen van Zanten, Douglas Carroll, Christopher Ring, Margaret Brown, School of Sport and Exercise Sciences, University of Birmingham, Birmingham, UK*

**20) ABSTRACT 1425**

NEIGHBORHOOD, FAMILY, AND SUBJECTIVE SOCIOECONOMIC STATUS: HOW DO THEY RELATE TO ADOLESCENT HEALTH?

*Laurel Q. Paterson, Melissa J. Griffin, Edith Chen, Psychology, University of British Columbia, Vancouver, BC, Canada*

**21) ABSTRACT 1529**

RELATIONSHIP BETWEEN AUTONOMIC FUNCTION AND TEMPERAMENT IN PREADOLESCENTS

*A. Dietrich, H. Riese, Psychiatry, University of Groningen, Groningen, The Netherlands, A. van Roon, Psychiatry, University of Groningen, Groningen, Netherlands, A. Oldehinkel, J. Neeleman, J. Rosmalen, Psychiatry, University of Groningen, Groningen, The Netherlands*

**7:15 - 8:15pm**

**Parksville Room**

**JUST DESSERTS FUNDRAISING EVENT**

Thank-you for new and continuing donors to the APS Fund.

Invitation only, please.



# Thursday, March 3, 2005

**7:00am**

**Pavillion Ballroom Foyer**  
**REGISTRATION**

**7:30 - 8:00 am**

**Pavillion Ballroom Foyer**  
**CONTINENTAL BREAKFAST**

**8:00 - 8:35am**

**Pavillion Ballroom**  
**AMERICAN PSYCHOSOMATIC SOCIETY'S PRESIDENT'S AWARD LECTURE**

## **GETTING TO THE HEART OF THE MATTER: ORIGINS OF CARDIOVASCULAR RISK**

*Karen A. Matthews, PhD, Professor of Psychiatry, Epidemiology, and Psychology, University of Pittsburgh, Director, Pittsburgh Mind-Body Center, Pittsburgh, PA*

Psychosomatic medicine researchers have made many significant contributions to understanding risk for and treatment of cardiovascular disease (CVD) in adulthood. Fewer researchers have been involved in understanding cardiovascular risk in childhood and adolescence, although cardiovascular risk begins early in life. The presentation will review the childhood origins of adult CVD and will discuss current progress in understanding how early exposure to stressful environments may influence the development of health-damaging dispositions and subsequent early markers of CVD, including high blood pressure and other components of the metabolic syndrome. The overarching goal of the presentation is to encourage a life-span approach to psychosomatic medicine.

*Objective: to encourage a life-span approach to psychosomatic medicine.*

Introducing Dr. Matthews will be Dr. Nancy Frasure-Smith

**8:35 - 9:10am**

**Pavillion Ballroom**  
**HERBERT WEINER EARLY CAREER AWARD**  
**EMOTIONS, IMMUNITY, AND DISEASE: TALES FROM PSYCHONEUROIMMUNOLOGY**

*Gregory E. Miller, PhD, Department of Psychology, University of British Columbia, Vancouver, BC*

Stressful experience has long been viewed as an influential determinant of mental and physical health. Although considerable evidence has accumulated to support this view, much remains to be learned about the responsible underlying mechanisms. In this talk I will discuss research suggesting that inflammation serves as a common biological pathway linking these constructs. The talk will focus on evidence that stressful experiences activate the inflammatory response and, by doing so, set into motion a series of processes that heighten risk for psychiatric depression and certain medical illness.

*Objective: to describe how immune system function shifts during stressors and depression, and what implications this may have for disease vulnerability.*

Introducing Dr. Miller will be Dr. Kenneth Freedland

**9:10 - 9:30am**

**Pavillion Ballroom Foyer**  
**BREAK**

**9:30 - 10:30am**

**Pavillion Ballroom**  
**PATRICIA R. BARCHAS AWARD LECTURE**  
**MARRIAGE, STRESS, IMMUNITY, AND WOUND HEALING: RELATIONSHIPS INFLUENCE HEALTH**  
*Janice Kiecolt-Glaser, PhD, Ohio State University College of Medicine, Columbus, OH*

*Objective: At the end of the talk, participants should be able to describe how hostile marital interactions affect wound healing and proinflammatory cytokine production.*

Introducing Dr. Kiecolt-Glaser will be Dr. Julian Thayer

**10:30 - 11:30am**

**Pavillion Ballroom**  
**INVITED PRESENTATION**  
**PSYCHOSOMATIC, MIND-BODY, AND COMPLEMENTARY MEDICINE: SURVEYING THE LANDSCAPE**  
*Margaret Chesney, PhD, National Center of Complementary & Alternative Medicine, NIH, Bethesda, MD*

*Objectives: 1. define the common elements and perceived differences in research from the perspectives of both psychosomatic medicine and mind body medicine, 2. describe how the different historical traditions that led to these two domains of study have created tension over boundaries; and 3. present a strategy whereby the two domains can work in parallel or partnership.*

Introducing Dr. Chesney will be Dr. Richard Lane

**11:30am - 12:45pm**

**Orca Room**  
**PSYCHOSOMATIC MEDICINE EDITORIAL BOARD LUNCHEON**

**Chart Room**

**PROFESSIONAL EDUCATION COMMITTEE LUNCH MEETING**

**ROUNDTABLE LUNCHEONS OR LUNCH ON YOUR OWN**

*There are five Roundtable Lunches being offered today. If you have not registered for one and would like to participate, please go to the meeting registration desk to purchase a ticket.*

**Azure Room**

**ROUNDTABLE 1**

**Stress and Neuroimaging**

**Chair:** Dr. Mary-Frances O'Connor

With increased use of neuroimaging techniques, this roundtable is designed to elicit discussion of methods and designs regarding stress research. Topics may include the use of subject-specific stimuli versus normed stimuli, and using theory to integrate central nervous system measurement with other stress response systems simultaneously.

## **Parkville Room**

### **ROUNDTABLE 2**

#### **The Cochrane Collaboration: What is it and why should you care?**

**Chair:** Dr. Karina Davidson

**Discussant:** Dr. Bonnie Spring

**Invited Participants:** Drs. Peter Kaufman and Redford Williams  
This round table is a follow up on the Summer 2003 APS newsletter article entitled *Recommended evidence based medicine resource: Cochrane Database of Systematic Reviews* and the Summer 2004 Formal Exploratory Meeting on a Proposed Cochrane Behavioral Medicine Field. The participants are members of the Ad Hoc Committee on the Proposed Cochrane Behavioral Medicine Field who will field questions about the resources available through the Cochrane Collaboration and recommend ways for psychosomatic medicine researchers and clinicians to get involved in this important organization ... e.g., as reviewers of the literature or reviewers of the reviews of the literature. Behavioral and psychosomatic medicine and professional societies have begun to embrace the evidence-based movement through the endorsement of the Consolidated Standards of Reporting Clinical Trials (CONSORT) Statement and through joining with the Evidence-based Behavioral Medicine Committee ([www.sbm.org/ebbm/](http://www.sbm.org/ebbm/)). This round table provides an important opportunity for APS members to become more involved in these efforts.

## **Port McNeill Room**

### **ROUNDTABLE 3**

#### **Task Force on Biopsychosocial Consequences of Disaster and Terrorism**

**Chairs:** Drs. Cheryl Koopman and Steven Locke

This roundtable luncheon will provide APS members an opportunity to network with others who are interested in the issues of understanding and addressing the biopsychosocial consequences of disaster and terrorism. New persons are highly welcome to attend. This session will focus on planning for one or more projects that have been proposed by this group's members. Possible actions to discuss include: writing a summary paper on the research on early post-terrorism (and post-disaster) interventions, preparing an APS policy paper, planning collaborative research, interfacing with primary care, and developing an APS course to train persons who may serve as mental health responders to disasters or acts of terrorism.

## **Port Hardy Room**

### **ROUNDTABLE 4**

#### **Mind-Body Research and the Applicability of Team Science (i.e. Transdisciplinary Science)**

**Chairs:** Drs. Paige A. McDonald and Margaret Chesney

The goal of this roundtable luncheon is to examine the re-emerging interest in team or transdisciplinary approaches to biomedical research and mind-body research in particular. Participants will have the opportunity to discuss the scientific merits, opportunities, and challenges researchers face when participating in team science models. Specific issues to be discussed include:

- How is a transdisciplinary approach to mind-body research a value added framework relative to undisciplined, multidisciplinary, or interdisciplinary approaches?
- What innovative teams are particularly well suited to advance mind-body research?

- What new and important scientific questions could be asked by employing a team science approach?
  - What resources are needed to foster a team science approach?
  - What NIH awards/initiatives could be designed or are already available to provide specific training for established investigators that would foster transdisciplinary approaches?
  - How can NIH collaborate with academic institutions to promote the enhancement of transdisciplinary science in mind-body medicine?
  - What are some prototypic examples of great transdisciplinary science in mind-body research and clinical medicine?
- Junior and senior investigators are urged to attend to share their experiences and hear lessons learned from successful transdisciplinary researchers.

## **Port Alberni Room**

### **ROUNDTABLE 5**

#### **Heart Rate Variability: Its Relevance to Psychosomatic Medicine**

**Chairs:** Drs. Paul Lehrer and Richard Sloan

Heart rate variability reflects both autonomic balance and adaptive capacity of the organism. It is depressed in a variety of disease states, including cardiovascular and psychiatric illness; and depressed heart rate variability also is related to level of disability and poor outcome, including mortality. Frequency-domain measures also tend to reflect differential activation of the sympathetic and parasympathetic systems. Changes in heart rate variability correlate highly with changes in emotional and physical health. Biofeedback training and some slow breathing exercises appear to stimulate an important adaptive reflex, the baroreflex. Controlled research has shown increases in baroreflex gain and improvements in asthma. Other physical and emotional disorders also may be affected.

**12:45 - 2:15pm**

### **CONCURRENT SESSIONS**

## **Pavillion Ballroom D**

### **SYMPOSIUM 1317**

#### **CARDIAC VAGAL REACTIVITY AND RISK FOR CARDIOVASCULAR DISEASE**

**Chair:** Dr. Kristen Salomon

**Discussant:** Dr. Jos F. Brosschot

### **INDIVIDUAL ABSTRACT 1318**

#### **CARDIAC VAGAL CONTROL DURING STRESS AND RISK FOR CARDIOVASCULAR DISEASE**

*Kristen Salomon, Psychology, University of South Florida, Peter J. Gianaros, Psychiatry, Karen A. Matthews, Psychiatry, Psychology, and Epidemiology, University of Pittsburgh School of Medicine, Pittsburgh, PA*

### **INDIVIDUAL ABSTRACT 1424**

#### **FUNCTIONAL NEURAL CORRELATES OF CARDIOVASCULAR AND CARDIAC AUTONOMIC REACTIVITY TO PSYCHOLOGICAL STRESSORS IN HEALTH AND DISEASE**

*Peter J. Gianaros, Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA, Stuart W. Derbyshire, Anesthesiology, J. R. Jennings, Psychiatry & Psychology, University of Pittsburgh, Pittsburgh, PA*

### **INDIVIDUAL ABSTRACT 1582**

#### **HEART RATE RECOVERY AFTER EXERCISE AND MORTALITY: AN INDEX OF VAGAL REACTIVITY**

*Julian F. Thayer, Gerontology Research Center/LPC, National Institute on Aging, Baltimore, MD, Bjorn Helge Johnsen, University of Bergen, Norway*

### **INDIVIDUAL ABSTRACT 1587**

#### **HYPERTENSION AND REDUCED AUTONOMIC RESPONSE TO AFFECTIVE STIMULI AMONG AFRICAN-AMERICAN ADULTS**

*Marcellus M. Merritt, Gerontology Research Center/LPC, National Institute on Aging, Baltimore, MD, John J. Sollers III, Gerontology Research Center/LPC, National Institute on Aging, Michele K. Evans, Alan B. Zonderman, Gerontology Research Center, Julian F. Thayer, Gerontology Research Center/LPC, National Institute on Aging, Baltimore, MD*

### **Pavillion Ballroom C**

#### **SYMPOSIUM 1719**

#### **THE INS AND OUTS OF CORTISOL RESEARCH IN PSYCHOSOMATIC MEDICINE**

*Chair: Dr. Clemens Kirschbaum*

*Discussant: Dr. Arthur Stone*

### **INDIVIDUAL ABSTRACT 1720**

#### **ERRATIC VALUES OR ENDOCRINE FINGERPRINT? SALIVARY CORTISOL MEASUREMENTS IN LARGE FIELD STUDIES**

*Joachim E. Fischer, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland*

### **INDIVIDUAL ABSTRACT 1721**

#### **DIURNAL PATTERNS OF CORTISOL: INDIVIDUAL VARIABILITY AND RELIABILITY**

*Joe E. Schwartz, Joan E. Broderick, Arthur A. Stone, Psychiatry, SUNY Stony Brook, Stony Brook, NY, Clemens Kirschbaum, Psychology, Technical University of Dresden, Dresden, Germany*

### **INDIVIDUAL ABSTRACT 1722**

#### **DETERMINANTS OF THE CORTISOL AWAKENING RESPONSE (CAR)**

*Brigitte M. Kudielka, Clinical and Theoretical Psychobiology, University of Trier, Trier, Germany*

### **INDIVIDUAL ABSTRACT 1723**

#### **SALIVARY CORTISOL: HISTORY, TECHNIQUES, PARAMETERS, PROBLEMS**

*Clemens Kirschbaum, Psychology, Technical University of Dresden, Dresden, Germany*

### **Pavillion Ballroom A-B**

#### **PAPER SESSION: STRESS, DISTRESS, AND THE IMMUNE SYSTEM**

*Chair: Dr. Edith Chen*

### **ABSTRACT 1572**

#### **STRESS-INDUCED INCREASES IN INTERLEUKIN-6 AND FIBRINOGEN PREDICT AMBULATORY BLOOD PRESSURE AT 3-YEAR FOLLOW UP**

*Lena Brydon, Epidemiology and Public Health, University College*

*London, London, England, UK, Andrew Steptoe, Epidemiology and Public Health, University College London, London, UK*

### **ABSTRACT 1040**

#### **INCREASED SERUM LEVELS OF 8-OHdG IN CLINICAL DEPRESSION**

*Michael J. Forlenza, CCEP, UNC Lineberger, Chapel Hill, NC, Gregory E. Miller, Psychology, University of British Columbia, Vancouver, BC, Canada*

### **ABSTRACT 1616**

#### **PSYCHOLOGICAL DISTRESS AND HIV DISEASE PROGRESSION: ROLE OF NATURAL KILLER CELL IMMUNITY**

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

### **ABSTRACT 1684**

#### **THE EFFECT OF PRE-TRANSPLANT DISTRESS ON IMMUNE RECONSTITUTION AMONG ADULT HEMATOPOIETIC CELL TRANSPLANTATION PATIENTS**

*Bonnie A. McGregor, Public Health Sciences Division, Shelby L. Langer, Karen L. Syrjala, Clinical Research Division, Fred Hutchinson Cancer Research Center, Seattle, WA*

### **ABSTRACT 1570**

#### **ACTIVATION OF THE COMPLEMENT CASCADE BY ACUTE PSYCHOLOGICAL STRESS IS NOT POTENTIATED BY THE PRESENCE OF AN INDWELLING CATHETER**

*Victoria E. Burns, Christopher Ring, Kate M. Edwards, Sportex, Mark Drayson, Immunology, Douglas Carroll, Sportex, University of Birmingham, Birmingham, UK*

**2:15 - 2:30pm**

**Pavillion Ballroom Foyer**

**BREAK**

**2:30 - 4:00pm**

**CONCURRENT SESSIONS**

### **Pavillion Ballroom A-B**

#### **SYMPOSIUM 1083**

#### **THE CLINICAL IMPORTANCE OF LEVELS OF EMOTIONAL AWARENESS**

*Chair: Dr. Richard D. Lane*

*Discussant: Dr. Wolfgang Linden*

### **INDIVIDUAL ABSTRACT 1088**

#### **IS IBS A PROBLEM OF EMOTION DYSREGULATION?: A TEST OF THE LEVELS OF EMOTIONAL AWARENESS MODEL**

*Jeffrey M. Lackner, Medicine, UB, SUNY, Buffalo, NY*

### **INDIVIDUAL ABSTRACT 1156**

#### **SOCIAL ANXIETY IS ASSOCIATED WITH HIGHER LEVELS OF EMOTIONAL AWARENESS IN OBESE PATIENTS WAITING FOR GASTRIC BANDING SURGERY**

*Silla M. Consoli, C-L Psychiatry, European Georges Pompidou Hospital, Paris, France*

**INDIVIDUAL ABSTRACT 1360**

**THEORY AND MEASUREMENT OF LEVELS OF EMOTIONAL AWARENESS**

*Richard D. Lane, Psychiatry, University of Arizona, Tucson, AZ*

**INDIVIDUAL ABSTRACT 1361**

**MULTIMODAL PSYCHOTHERAPEUTIC INPATIENT TREATMENT IMPROVES EMOTIONAL AWARENESS IN PATIENTS WITH PSYCHOSOMATIC CONDITIONS**

*Claudia Subic-Wrana, Department of Psychosomatics and Psychotherapy, University of Cologne, Germany*

**Pavillion Ballroom C**

**SYMPOSIUM 1132**

**SLEEP, HEALTH AND DISEASE**

*Chair & Discussant: Dr. Martica Hall*

**INDIVIDUAL ABSTRACT 1162**

**SLEEP DEPRIVATION POTENTIATES ACTIVATION OF CARDIOVASCULAR AND CATECHOLAMINE RESPONSES IN ABSTINENT ALCOHOL DEPENDENT MEN**

*Michael R. Irwin, Cousins Center for Psychoneuroimmunology, Psychiatry, UCLA Neuropsychiatric Institute, Los Angeles, CA, Michael Ziegler, Department of Medicine, University of California, San Diego, La Jolla, CA*

**INDIVIDUAL ABSTRACT 1414**

**SLEEP IN CAREGIVERS OF PATIENTS WITH ALZHEIMER'S DISEASE VS. NON-CAREGIVERS**

*Joel E. Dimsdale, Christine McKibbin, Sonia Ancoli-Israel, Tom Patterson, Paul J. Mills, Ronald von Kanel, Igor Grant, Department of Psychiatry, University of California San Diego, La Jolla, CA*

**INDIVIDUAL ABSTRACT 1462**

**HEART RATE VARIABILITY DURING SLEEP IS INVERSELY ASSOCIATED WITH GLYCOSYLATED HEMOGLOBIN AND FASTING GLUCOSE IN APPARENTLY HEALTHY ADULTS**

*Julian F. Thayer, Gerontology Research Center, LPC, National Institute on Aging, Baltimore, MD, Joachim E. Fischer, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland*

**INDIVIDUAL ABSTRACT 1646**

**SLEEP AND CARDIOVASCULAR DISEASE**

*Thomas G. Pickering, Medicine, Columbia University Medical College, New York, NY*

**Pavillion Ballroom D**

**INVITED SYMPOSIUM 2000**

**PROGRESS IN RESPIRATORY DISEASE: LONGITUDINAL RESEARCH, PSYCHONEUROIMMUNOLOGY, BRAIN IMAGING, AND BEHAVIORAL INTERVENTION**

*Chairs: Drs. Thomas Ritz and Edith Chen*

*Appreciation is expressed to Vivometrics for support of this session.*

**INDIVIDUAL ABSTRACT 2001**

**IMPACT OF PSYCHOLOGICAL STRESS ON ASTHMA: FROM BENCH TO BEDSIDE**

*Gailen D. Marshall, Division of Clinical Immunology and Allergy, Department of Medicine, The University of Mississippi Medical Center, Jackson, MS*

**INDIVIDUAL ABSTRACT 2002**

**NEUROPHYSIOLOGY AND PSYCHOPHYSICS OF SHORTNESS OF BREATH**

*Robert B. Banzett, Associate Professor, Department of Environmental Health, Harvard School of Public Health, Boston, MA*

**INDIVIDUAL ABSTRACT 2003**

**PSYCHOSOCIAL INFLUENCES ON THE DEVELOPMENT AND PERSISTENCE OF PEDIATRIC ASTHMA**

*Mary D. Klinnert, Pediatric Psychologist, National Jewish Medical and Research Center, Denver, CO*

**INDIVIDUAL ABSTRACT 2004**

**HEART RATE VARIABILITY BIOFEEDBACK TRAINING AS A TREATMENT FOR ASTHMA**

*Paul Lehrer, Professor, Department of Psychiatry, UMDNJ ó Robert Wood Johnson Medical School, Piscataway, NJ*

**4:00 - 4:15pm**

**Pavillion Ballroom Foyer**

**BREAK**

**4:15 - 5:15pm**

**CONCURRENT SYMPOSIA**

**Pavillion Ballroom A-B**

**SYMPOSIUM 1004**

**THERE'S MADNESS IN OUR METHODS: THE STATISTICAL REVOLUTION IN PSYCHOSOMATIC MEDICINE**

*Chair: Dr. Kenneth Freedland*

*Discussant: Dr. David S. Sheps*

**INDIVIDUAL ABSTRACT 1044**

**RECENT ADVANCES IN STATISTICAL METHODOLOGY: AN OVERVIEW**

*Michael A. Babyak, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC*

**INDIVIDUAL ABSTRACT 1045**

**I DON'T KNOW GREEK, IS THAT AN EXCUSE? HOW TO IMPROVE ON THE STATISTICAL METHODS WE USE IN PSYCHOSOMATIC RESEARCH**

*Carlos F. Mendes de Leon, Internal Medicine, Rush University Medical Center, Chicago, IL*

**INDIVIDUAL ABSTRACT 1046**

**THE IMPORTANCE OF CLEAR LANGUAGE: CORRELATES, RISK FACTORS, CASUAL FACTORS, MODERATORS, AND MEDIATORS**

*Helen C. Kraemer, Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA*

**INDIVIDUAL ABSTRACT 1047**

**COPING WITH THE REALITIES OF LONGITUDINAL DATA: ANALYZING CHANGE OVER TIME IN THE PRESENCE OF MISSING DATA**

*Maria M. Llabre, Psychology, University of Miami, Coral Gables, FL*

**Pavillion Ballroom D**

**SYMPOSIUM 1197**

**STRESS AND CORONARY HEART DISEASE: THE NEUROCARDIAC INTERACTION**

*Chair: Dr. Robert Soufer*

*Discussant: Dr. Richard D. Lane*

**INDIVIDUAL ABSTRACT 1534**

**CENTRAL NERVOUS SYSTEM (CNS) ACTIVITY DURING MENTAL STRESS AS A FUNCTION OF TRAIT BASED MEASURES OF ANGER: A POSITRON EMISSION TOMOGRAPHY (PET) STUDY**

*Matthew M. Burg, Aseem Vashist, Farid Jadbabaie, Cardiovascular Medicine, Hal Blumenfeld, Neurology, Robert Soufer, Cardiovascular Medicine, Yale University School of Medicine, New Haven, CT*

**INDIVIDUAL ABSTRACT 1536**

**GENDER DIFFERENCES AMONG NORMAL AND CORONARY DISEASE (CAD) SUBJECTS DURING MENTAL STRESS(MS): A POSITRON EMISSION TOMOGRAPHY (PET) STUDY**

*Robert Soufer, Cardiovascular Medicine, Yale University School of Medicine, New Haven, CT, James D. Bremner, Psychiatry, Emory University, Atlanta, GA, Matthew M. Burg, Cardiovascular Medicine, Hal Rosenfeld, Neurology, Yale University School of Medicine, New Haven, CT*

**INDIVIDUAL ABSTRACT 1539**

**CENTRAL NERVOUS SYSTEM CORRELATES OF MYOCARDIAL ISCHEMIA: NEUROCARDIAC DISTINCTIONS BETWEEN MENTAL STRESS AND DOBUTAMINE PROVOCATION**

*Aseem Vashist, Matthew M. Burg, Cardiovascular Medicine, Yale University School of Medicine, New Haven, CT, James A. Arrighi, Brown University, Providence, RI, Farid Jadbabaie, Cardiovascular Medicine, Hal Blumenfeld, Neurology, Rachel Lampert, Cardiovascular Medicine, Brendon Graeber, Medicine, Robert Soufer, Cardiovascular Medicine, Yale University School of Medicine, New Haven, CT*

**Pavillion Ballroom C**

**SYMPOSIUM 1592**

**BIOPSYCHOSOCIAL IMPACT OF TERRORISM, OUTBREAKS AND DISASTERS: ARE WE REALLY READY?**

*Chair: Dr. Steven E. Locke*

*Discussant: Dr. Janice Kiecolt-Glaser*

**INDIVIDUAL ABSTRACT 1593**

**POSTTRAUMATIC STRESS SYMPTOMS, INTRUSIVE THOUGHTS AND DISRUPTION ARE LONGITUDINALLY RELATED TO ELEVATED CORTISOL AND CATECHOLAMINES FOLLOWING HURRICANE ANDREW**

*Gail Ironson, Dean Cruess, Psychology, University of Miami, Coral Gables, FL, Mahendra Kumar, Psychiatry, University of Miami, Miami, FL, Charles Benight, Kent Burnett, Psychology, University of Miami, Coral Gables, FL, Tom Mellman, Psychiatry, Christina Wynings, Psychology, University of Miami, Miami, FL, Rod Wellens,*

*Psychology, University of Miami, Coral Gables, FL, Debra Greenwood, Psychology, University of Miami, Coral Gables, FL, J.B. Fernandez, Andrew Baum, Psychology, University of Miami, Coral Gables, FL, Neil Schneiderman, Psychology, University of Miami, Coral Gables, FL*

**INDIVIDUAL ABSTRACT 1615**

**WHAT'S LOVE GOT TO DO WITH IT: ALTRUISM, GENERATIVITY, AND SPIRITUALITY IN THE AFTERMATH OF 9/11**

*Cheryl Koopman, Lisa Butler, Jay Azarow, Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA*

**INDIVIDUAL ABSTRACT 1623**

**ASSESSMENT AND TRIAGE OF MASS IDIOPATHIC ILLNESS ASSOCIATED WITH CHEMICAL, BIOLOGICAL, OR RADIOLOGICAL TERRORIST ATTACK**

*Charles Engel, Psychiatry, Uniformed Services University, Arthur J. Barsky, Psychiatry, Harvard Medical School, Cambridge, MA, Dori B. Reissman, National Center for Injury Prevention and Control, CDC, Robert DeMartino, Center for Mental Health Services, U.S. Public Health Service, Ilan Kutz, Psychiatry, Sackler School of Medicine, Michael D. McDonald, Global Health Initiatives, Inc., Steven E. Locke, Psychiatry, Harvard Medical School, Wayland, MA*

**5:15 - 6:30pm**

**Junior Ballroom**

**POSTER SESSION I**

**1) ABSTRACT 1118**

**CANCER PREVENTION WITH THE HELP OF BREATHING PROCESSES: SUDARSHAN KRIYA (SK) AND PRANAYAM (P)**

*Vinod Kochupillai, Manisha Bhutani, Medical Oncology, Satya N. Das, Biotechnology, Institute Rotary Cancer Hospital, AIIMS, New Delhi, India, Devender Singh, Medical Oncology, Institute Rotary Cancer Hospital, AIIMS, New Delhi, India, Pratik Kumar, Medical Physics, Institute Rotary Cancer Hospital, AIIMS, New Delhi, India*

**2) ABSTRACT 1613**

**THE EFFECT OF SOCIAL SUPPORT ON CANCER CAREGIVERS' MENTAL AND PHYSICAL FUNCTIONING**

*Youngmee Kim, Behavioral Research Center, American Cancer Society, Atlanta, GA, David Wellisch, Psychiatry, University of California, Los Angeles, Los Angeles, CA*

**3) ABSTRACT 1342**

**THE EFFECTS OF THERAPEUTIC YOGA ON SALIVARY CORTISOL, STRESS SYMPTOMS, QUALITY OF LIFE AND MOOD STATES IN CANCER OUTPATIENTS: A RANDOMIZED CONTROLLED STUDY**

*Linda E. Carlson, Oncology, Nicole Culos-Reed, Lisa M. Daroux, Kinesiology, University of Calgary, Calgary, AB, Canada*

**4) ABSTRACT 1617**

**POST-TREATMENT DISTRESS IN A GROUP OF CANCER SURVIVORS**

*Kristin M. Kilbourn, Community and Behavioral Health, AMC Cancer Research Center, Denver, CO, Patricia E. Durning, Clinical and Health Psychology, University of Florida, Gainesville, FL*

**5) ABSTRACT 1458**

**MULTIPLE CONDITIONED RESPONSES DEVELOP IN CHEMOTHERAPY PATIENTS DURING TREATMENT: INDEPENDENT EFFECTS ON FATIGUE, NAUSEA, AND EMOTIONAL DISTRESS**

*Dana Bovbjerg, Guy Montgomery, Oncological Sciences, Mount Sinai School of Medicine, NY, NY, George Raptis, Medicine, Columbia University, NY, NY, Brett Stoudt, Oncological Sciences, Mount Sinai School of Medicine, NY, NY*

**6) ABSTRACT 1594**

**HIGH FATIGUED BREAST CANCER PATIENTS SHOW POORER MOOD AND MORE DISTURBED SLEEP DURING CHEMOTHERAPY**

*Shamini Jain, Paul J. Mills, Lianqi Liu, Sonia Ancoli-Israel, Psychiatry, University of California, San Diego, CA*

**7) ABSTRACT 1604**

**EMOTION-FOCUSED COPING PREDICTS DISTRESS DURING CHEMOTHERAPY FOR BREAST CANCER**

*Valerie A. Bussell, Psychology, Houston Baptist University, Houston, TX, Mary J. Naus, Psychology, University of Houston, Houston, TX*

**8) ABSTRACT 1076**

**CORRELATES AND PREDICTORS OF FEAR IN MOTHERS OF PEDIATRIC TRANSPLANTATION PATIENTS**

*K. N. DuHamel, Onc. Sci., Mt. Sinai Sch of Med., New York, NY, S. Manne, Fox Chase Cancer Ctr, Cheltenham, PA, C. Rini, Onc. Sci., Mt. Sinai Sch of Med, New York, NY, J. Austin, Onc. Sci., Mt. Sinai Sch of Med., New York, NY, J. Ostroff, Behavioral Sci., Memorial Sloan-Kettering Cancer Ctr, New York, NY, S. Parsons, Tufts-NEMC, Dana Farber Cancer Inst., Boston, MA, R. Martini, Children's Mem Hosp., Northwestern Univ. Med Ctr, Chicago, IL, S. Williams, Packard Children's Hosp., Stanford Univ. Med. School, Stanford, CA, L. Mee, Medical Ctr., S. Sexton, Medical Center, Emory Univ., Atlanta, GA, G. Winkel, Onc. Sci., Mt. Sinai Sch of Med., New York, NY, F. Boulad, Pediatric Day Hosp., Memorial Sloan-Kettering, New York, NY, W. Redd, Onc. Sci., Mt. Sinai Sch of Med., New York, NY*

**9) ABSTRACT 1560**

**TURNING TO GOD: PERSONAL FAITH AMONG MEN WITH LOCALIZED PROSTATE CANCER**

*Natalie Hamrick, Anesthesia, Indiana University School of Medicine, Indianapolis, IN, Michael A. Diefenbach, Urology and Oncological Sciences, Mount Sinai School of Medicine, New York, NY, Eric Horwitz, Radiation Oncology, Robert Uzzo, Richard Greenberg, Surgical Oncology, Alan Pollack, Radiation Oncology, Paul F. Engstrom, Division of Population Science, Fox Chase Cancer Center, Philadelphia, PA*

**10) ABSTRACT 1566**

**FEAR OF HEAD AND NECK CANCER RECURRENCE RELATED TO TOBACCO AND ALCOHOL USE**

*Shawna L. Ehlers, Henrietta Logan, Operative Dentistry, Glenn Turner, Prosthodontics, University of Florida, Gainesville, FL*

**11) ABSTRACT 1186**

**PRESURGICAL DISTRESS AMONG WOMEN UNDERGOING SURGERY FOR POTENTIAL OVARIAN CANCER**

*Erin S. Costanzo, Susan K. Lutgendorf, Heena Maiseri, Psychology, U of Iowa, Iowa City, IA, Anil Sood, Gynecologic Oncology, MD Anderson, Houston, TX, Joel Sorosky, OB-Gynecology, Hartford Hospital, Hartford, CT, Koen DeGeest, Barrie Anderson, Gynecologic Oncology, U of Iowa, Iowa City, IA*

**12) ABSTRACT 1634**

**THE TRANSTHEORETICAL MODEL PREDICTS MAMMOGRAPHY SCREENING: A PROSPECTIVE POPULATION-BASED STUDY**

*Gudrun Arnadottir, Psychology, University of Iceland, Reykjavik, Iceland, Heiddis B. Valdimarsdottir, Oncological Sciences, Mount Sinai School of Medicine, NYC, NY, Fridrik Jonsson, Psychology, University of Iceland, Reykjavik, Iceland, Dana H. Bovbjerg, Oncological Sciences, Mount Sinai School of Medicine, NYC, NY*

**13) ABSTRACT 1482**

**ALCOHOL USE DISORDERS AND RISK OF NEUROCOGNITIVE IMPAIRMENT ASSOCIATED WITH HIV: IS THERE A RELATIONSHIP?**

*Corinna Young, HIV Neurobehavioral Research Center, UCSD School of Medicine, San Diego, CA, J. Hampton Atkinson, Psychiatry Service, VA San Diego, San Diego, CA, Deborah Lazzaretto, Joe Sadek, Robert K. Heaton, Igor Grant, HIV Neurobehavioral Research Center, UCSD School of Medicine, San Diego, CA*

**14) ABSTRACT 1408**

**PSYCHOLOGICAL VULNERABILITY PREDICTS POOR PSYCHOLOGICAL AND PHYSICAL OUTCOMES: A LONGITUDINAL STUDY**

*Sarah L. Rubenstein, Mental Health Service, St. Michael's Hospital, Toronto, ON, Canada, William J. Lancee, Psychiatry, Mt. Sinai Hospital, Toronto, ON, Canada, Sean B. Rourke, Mental Health Service, St. Michael's Hospital, Toronto, ON, Canada, Douglas S. Saunders, Psychiatry, University of Toronto, Toronto, ON, Canada*

**15) ABSTRACT 1725**

**IDENTIFYING POTENTIAL BIOPSYCHOSOCIAL MECHANISMS OF HIV PROGRESSION**

*Lydia R. Temoshok, Medicine, Inst. Human Virology, Univ. Maryland School Medicine, Baltimore, Maryland, Rebecca L. Wald, Behavioral Medicine Program, Inst. Human Virology, Univ. Maryland Biotech. Inst., Baltimore, Maryland, Alfredo Garzino-Demo, Basic Science Division, Inst. Human Virol., Univ Maryland Biotech. Institute, Baltimore, MD*

**16) ABSTRACT 1547**

**THE RELATIONSHIP BETWEEN PTSD, DEPRESSION, AND URINARY CORTISOL IN PEOPLE LIVING WITH HIV**

*Jessica M. Boarts, Eve M. Sledjeski, Psychology, Kent State University, Kent, OH, Laura M. Bogart, Behavioral/Social Science, RAND Corporation, Santa Monica, CA, Jacqueline Figler, Violet's Cupboard, Akron, OH, Douglas L. Delahanty, Psychology, Kent State University, Kent, OH*

**17) ABSTRACT 1704**

**AFFECTIVE DIFFERENCES BETWEEN PRIMARY AND SECONDARY FIBROMYALGIA**

*Robert Fasman, Alex J. Zautra, Mary C. Davis, Psychology, Arizona State University, Tempe, AZ*

**18) ABSTRACT 1398**

**ADRENOCORTICAL AND NOCICEPTIVE RESPONSES TO OPIOID BLOCKADE IN HYPERTENSION-PRONE MEN AND WOMEN**

*Mustafa aliAbsi, Behavioral Sciences, University of Minnesota Medical School, Duluth, MN, Christopher France, Ohio University, Athens, OH, Angie Harjue, University of Minnesota Medical School, Duluth, MN, Janis France, Ohio University, Athens, OH*

**19) ABSTRACT 1115**

**ANGER, PAIN, AND SYMPTOM-SPECIFIC REACTIVITY AMONG CHRONIC LOW BACK PAIN PATIENTS**

*John W. Burns, Brandy Wolff, Phillip Quartana, Psychology, Rosalind Franklin University of Medicine & Science, North Chicago, IL*

**20) ABSTRACT 1294**

**THE EFFECT OF BIOFEEDBACK TREATMENT IN PATIENTS WITH MIGRAINE HEADACHE**

*Jooyeun Ahn, Bumhee Yu, Psychiatry, Samsung Medical Center, Sungkyunkwan University, Seoul, Republic of Korea*

**21) ABSTRACT 1295**

**THE EFFECT OF BIOFEEDBACK TREATMENT IN PATIENTS WITH TENSION HEADACHE**

*Jooyeun Ahn, Bumhee Yu, Psychiatry, Samsung Medical Center, Sungkyunkwan University, Seoul, Republic of Korea*

**22) ABSTRACT 1532**

**THE ASSOCIATION BETWEEN GENDER, ANXIETY AND CHRONIC PAIN AFTER WHIPLASH INJURY**

*Ask Elklit, Allan Jones, Psychology, University of Aarhus, Aarhus, Denmark*

**23) ABSTRACT 1301**

**EFFECTS OF INFORMATION AND STRESS REDUCTION ON PLACEBO ANALGESIA: INTERACTIONS WITH GENDER**

*Arnstein Finset, Behavioral Sciences in Medicine, University of Oslo, Oslo, Norway, Magne A. Flaten, Per-Matti Aslaksen, Psychology, Terje Simonsen, Pharmacology, Oddmund Johansen, Surgery, University of Tromso, Tromso, Norway*

**24) ABSTRACT 1538**

**DIABETES RETINOPATHY AND DEPRESSION IN AFRICAN AMERICAN PATIENTS**

*Ying Guo, Department of Biostatistics, Emory University, Atlanta, GA, Natalie Gilles, Bridget Larsen, Psychiatry, Jane Caudle, Div of Endocrinology, Emory University School of Medicine, Atlanta, GA, Lilja Stefansfon, Yaratha Reddy, Div of Endocrinology, Grady Health System, Atlanta, GA, Julia Knox, Psychiatry, David Ziemer, Medicine, Division of Endocrinology, Lawrence Phillips, Div of Endocrinology, Dominique Musselman, Psychiatry and Behavioral Sciences, Angelo Brown, Psychiatry, Emory University School of Medicine, Atlanta, GA*

**25) ABSTRACT 1693**

**HELP OR HINDERANCE? THE COMPLEX ROLE OF FATHER INVOLVEMENT IN DIABETES CARE AMONG ADOLESCENTS WITH TYPE 1 DIABETES MELLITUS**

*Carolyn D. Korbel, Deborah J. Wiebe, Cynthia A. Berg, Renn Upchurch, Ryan Beveridge, Katie Fortenberry, Psychology, University of Utah, Salt Lake City, UT*

**26) ABSTRACT 1569**

**DYADIC COPING AND EMOTIONAL ADJUSTMENT IN CHILDREN WITH DIABETES AND THEIR MOTHERS**

*Cynthia A. Berg, Deborah J. Wiebe, Ryan Beveridge, Psychology, University of Utah, Salt Lake City, UT, Debra Palmer, Psychology, University of Utah, Stevens Point, WI, Carolyn Korbel, Renn Upchurch, Psychology, University of Utah, Salt Lake City, UT*

**27) ABSTRACT 1215**

**THE QUALITY OF THERAPEUTIC ALLIANCE PREDICTS GLYCEMIC CONTROL IN TYPE 1 DIABETICS ONE YEAR LATER**

*Catherine Attale, Silla M. Consoli, C-L Psychiatry, European Georges Pompidou Hospital, Paris, France, Agnes Sola, Diabetology, Hotel Dieu Hospital, Paris, France, Nicole Guedeny, Psychiatry, Institut Mutualiste Montsouris, Paris, France, Adam O. Horvath, Psychology, Simon Fraser University, Burnaby, BC, Canada*

**28) ABSTRACT 1306**

**WHERE IS THE PATIENT? THE ROLE OF DEPRESSION AND ATTACHMENT STYLES IN MISSED AND ATTENDED APPOINTMENTS IN PATIENTS WITH DIABETES**

*Paul S. Ciechanowski, Joan E. Russo, Wayne J. Katon, Psychiatry, University of Washington, Seattle, WA, Gregory E. Simon, Evette Ludman, Michael Von Korff, Center for Health Studies, Group Health Cooperative, Seattle, WA, Young Bessie, Primary & Specialty Medical Care Service, VA Puget Sound, Seattle, WA, Elizabeth H. Lin, Center for Health Studies, Group Health Cooperative, Seattle, WA*

**29) ABSTRACT 1598**

**CONGRUENCE IN DAILY STRESSORS OF ADOLESCENTS WITH DIABETES AND THEIR MOTHERS**

*Ryan Beveridge, Cynthia Berg, Deborah Wiebe, Malinda Freitag, Psychology, University of Utah, Salt Lake City, UT*

**30) ABSTRACT 1357**

**DOES STRESS MODIFY THE PATH FROM DIABETES TO LOWER EXTREMITY FUNCTIONAL LIMITATION?**

*Helen P. Hazuda, Steven V. Owen, Medicine, University of Texas Health Science Center at S.A., San Antonio, TX*

**31) ABSTRACT 1597**

**PRELIMINARY RESULTS OF A STUDY FOR THE DEVELOPMENT OF A MANUALIZED PSYCHOLOGICAL TREATMENT FOR COMORBID ASTHMA AND PANIC DISORDER (PD)**

*Paul M. Lehrer, Maria Karavidas, Psychiatry, UMDNJ-RWJ Medical School, Piscataway, NJ*

**32) ABSTRACT 1218**

**DOES LABORATORY STRESS INFLUENCE IMMUNE MEDIATORS OF AIRWAYS INFLAMMATION IN ADOLESCENTS WITH ASTHMA?**

*Jack H. Nassau, Psychiatry and Human Behavior, Surendra Sharma, Pathology, Robert Klein, Pediatrics, Gregory Fritz, Alison Miller, Emily Houlihan, Psychiatry and Human Behavior, Diane Andrade, Pediatrics, Brown Medical School, Providence, RI*

**33) ABSTRACT 1520**

**FATIGUE PREDICTS QUALITY OF LIFE IN CROATIAN SARCOIDOSIS PATIENTS**

*Helen Michielsen, Jolanda De Vries, Psychology and Health, Tilburg University, Tilburg, The Netherlands, Tatjana Peros-Golubic, Klinika za plucne bolesti Jordanovac, Zagreb, Croatia*

**34) ABSTRACT 1573**

**NONINVASIVE MEASUREMENT OF AIRWAY INFLAMMATION USING EXHALED NITRIC OXIDE: TEMPORAL STABILITY, AND RELATIONSHIP WITH CLIMATE, AIR POLLUTION, AND LUNG FUNCTION**

*Antje Kullowatz, Sibylle Petersen, Psychology, University of Hamburg, Hamburg, Germany, Frank Kannies, Pulmonary Research Institute, Hospital Grosshansdorf, Grosshansdorf, Germany, Thomas Ritz, Psychology, University of Hamburg, Hamburg, Germany*

**35) ABSTRACT 1456**

**COMORBIDITY BETWEEN ASTHMA ATTACKS AND INTERNALIZING DISORDERS AMONG PUERTO RICAN CHILDREN AT ONE-YEAR FOLLOW-UP**

*Jonathan M. Feldman, Ferkauf Graduate School of Psychology, Yeshiva University, Bronx, NY, Alexander N. Ortega, Department of Health Services, UCLA School of Public Health, Los Angeles, CA, Elizabeth L. McQuaid, Child and Family Psychiatry, Brown Medical School - Rhode Island Hospital, Providence, RI, Glorisa Canino, Behavioral Sciences Research Institute, University of Puerto Rico Medical Sciences Campus, Rio Piedras, Puerto Rico*

**36) ABSTRACT 1130**

**BODY MASS INDEX IS ASSOCIATED WITH WORSE ASTHMA CONTROL AND QUALITY OF LIFE AMONG ADULT ASTHMA PATIENTS**

*Kim L. Lavoie, S. L. Bacon, Chest Medicine; Psychology, Hopital du Sacre-Coeur; McGill University, Montreal, QC, Canada, A. Cartier, M. Labrecque, Chest Medicine, Hopital du Sacre-Coeur, Montreal, QC, Canada, B. Ditto, Chest Medicine; Psychology, Hopital Sacre-Coeur; McGill University, Montreal, QC, Canada*

**37) ABSTRACT 1131**

**WHAT IS WORSE FOR ASTHMA CONTROL AND QUALITY OF LIFE: DEPRESSION, ANXIETY, OR BOTH?**

*Kim L. Lavoie, S. L. Bacon, Chest Medicine; Psychology, Hopital du Sacre-Coeur; McGill University, Montreal, QC, Canada, A. Cartier, M. Labrecque, G Lacoste, Chest Medicine, Hopital du Sacre-Coeur, Montreal, QC, Canada, S. Barone, B Ditto, Psychology, McGill University, Montreal, QC, Canada*

**38) ABSTRACT 1356**

**CHILDHOOD ABUSE IS ASSOCIATED WITH HEALTH, SYMPTOMS AND FUNCTIONING DURING MENOPAUSE**

*Wilma I. Castilla-Puentes, Ob-Gyn Department, San Rafael Hospital, Pedagogic and Tech. University, Sandra Castilla-Puentes, School of Medicine, Department of Anesthesia, Pedagogic and Technologic University of Colombia, Tu, Ivan Gomez, School of Medicine and School of Law, Rosario's University of Colombia, Bogota, Columbia, Ruby Castilla-Puentes, Psychiatry and Epidemiology, UNC School of Medicine and GSK, WWEpidemiology*

**39) ABSTRACT 1691**

**NEURAL-IMMUNE CONSEQUENCES OF STRESS DURING PREGNANCY**

*Mary E. Coussons-Read, Psychology, Michele L. Okun, Health and Behavioral Sciences, University of Colorado at Denver and Health Sciences, Denver, CO*

**40) ABSTRACT 1266**

**MEDICAL PATIENTS' ATTITUDES TOWARDS DEPRESSION AND ITS TREATMENT**

*Bernd L'we, Ute Schulz, Kerstin Gröfe, Stefanie Wilke, General Internal and Psychosomatic Medicine, University of Heidelberg, Heidelberg, Germany*

**41) ABSTRACT 1261**

**DETECTING DEPRESSION AND MONITORING OUTCOMES OVER TIME WITH A 2-ITEM SCREENER: THE PATIENT HEALTH QUESTIONNAIRE-2 (PHQ-2)**

*Bernd L'we, General Internal and Psychosomatic Medicine, University of Heidelberg, Heidelberg, Germany, Kurt Kroenke, General Internal Medicine, Indiana University School of Medicine, Indianapolis, IN, Kerstin Gröfe, General Internal and Psychosomatic Medicine, University of Heidelberg, Heidelberg, Germany*

**42) ABSTRACT 1146**

**DEPRESSIVE SYMPTOMS ARE ASSOCIATED WITH DIMINISHED PRODUCTION OF PROINFLAMMATORY CYTOKINES BY PERIPHERAL BLOOD MONONUCLEAR CELLS IN MIDLIFE WOMEN**

*Jill M. Cyranowski, Psychiatry, Psychology, Anna L. Marsland, Psychology, Nursing, Joyce Bromberger, Epidemiology, Karen A. Matthews, Psychiatry, Psychology, Epidemiology, Theresa L. Whiteside, Pathology, Cancer Institute, University of Pittsburgh, Pittsburgh, PA*

**43) ABSTRACT 1260**

**ORAL OLANZAPINE TRANSITION DOSE FOLLOWING INTRAMUSCULAR APOMORPHINE TREATMENT**

*Michael W. Johnson, John Houston, Chris Kaiser, Jonna Ahl, Neuroscience, Eli Lilly and Company, Indianapolis, IN*

**44) ABSTRACT 1315**

**INFLAMMATORY MARKERS AND THE RISK OF MINOR AND MAJOR DEPRESSION IN LATE LIFE**

*Marijke A. Bremmer, Aartjan T. Beekman, Dorly J. Deeg, Brenda W. Penninx, Psychiatry, Miranda G. Dik, Extramural Medicine, Erik E. Hack, Clinical Chemistry, Witte J. Hoogendijk, Psychiatry, VU University Medical Center, Amsterdam, The Netherlands*

**45) ABSTRACT 1141**

**FRONTAL EEG ASYMMETRY AND DEPRESSION: A META-ANALYSIS**

*Ryan Thibodeau, Randall S. Jorgensen, Psychology, Syracuse University, Syracuse, NY*

**46) ABSTRACT 1252**

**INCREASED QT INTERVAL VARIABILITY IN PATIENTS WITH EATING DISORDERS**

*Yoshiyuki Takimoto, Psychosomatic Medicine, Kazuhiro Yoshiuchi, Psychosomatic Medicine, Hiroaki Kumano, Tomifusa Kuboki, Psychosomatic Medicine, University of Tokyo, Tokyo, Japan*

**47) ABSTRACT 1129**

**PSYCHOBIOLOGY OF ANXIOUS DEPRESSIVE COMORBIDITY**

*Oliver G. Cameron, Psychiatry, University of Michigan, Ann Arbor, MI, Elizabeth A. Young, Psychiatry, University of Michigan, Ann Arbor, MI, James I. Abelson, Psychiatry, University of Michigan, Ann Arbor, MI*

**48) ABSTRACT 1217**

**HEART RATE VARIABILITY AND CORTISOL RESPONSE TO A STRESSOR IN PSYCHIATRICALY HEALTHY PREPUBERTAL CHILDREN AT HIGH AND LOW GENETIC RISK FOR PANIC DISORDER**

*Diana Koszycki, Psychiatry, University of Ottawa, Ottawa, ON, Canada, Peter Zwanzger, Psychiatry, Ludwig-Maximilian-University, Munich, Germany, Zul Merali, Jacques Bradwejn, Psychiatry, University of Ottawa, Ottawa, ON, Canada*

**49) ABSTRACT 1042**

**HISTORIES OF ABUSE AND STRESS RESPONSES IN WOMEN WITH PREMENSTRUAL DYSPHORIC DISORDER AND HEALTHY CONTROLS**

*Susan Girdler, Rebecca Klatzkin, Jane Leserman, Beth Mechlin, Kathleen Light, Psychiatry, University of North Carolina, Chapel Hill, NC*

**50) ABSTRACT 1290**

**PHARMACOTHERAPY FOR LATE-LIFE DEPRESSION: A POPULATION STUDY IN QUEBEC**

*Maida J. Sewitch, Medicine, McGill University, Montreal, QC, Canada, Regis Blais, Health Administration, University of Montreal, Montreal, QC, Canada, Elham Rahme, Medicine, McGill University, Montreal, QC, Canada, Sophie Galarneau, Brian Bexton, Medicine, University of Montreal, Montreal, QC, Canada*

**51) ABSTRACT 1099**

**EFFECTS OF WILLIAMS LIFESKILLS TRAINING ON ANGER REDUCTION IN AFRICAN AMERICAN ADOLESCENTS**

*Vernon A. Barnes, Georgia Prevention Institute, Pediatrics, Medical College of Georgia, Augusta, GA, Virginia P. Williams, Williams LifeSkills, Inc., Durham, NC, Redford B. Williams, Behavioral Medicine Research Center, Duke University Medical Center, Durham, NC*

**52) ABSTRACT 1093**

**MARKERS OF INFLAMMATION MAY MEDIATE DEPRESSION OUTCOME IN ADULTS WITH RHEUMATOID ARTHRITIS (RA) AND MAJOR DEPRESSIVE DISORDER (MDD) FOLLOWING ANTIDEPRESSANT TREATMENT**

*Sandra K. Johnston, Biobehavioral Nursing and Health Systems, University of Washington, Seattle, WA, Jerry C. Parker, Research and Development, Harry S. Truman Memorial Veterans Hospital, Columbia, MO, Karen L. Smarr, Behavioral Health, Harry S Truman Memorial Veterans Hospital, Columbia, MO, Patricia Prinz, Basia Belza, Biobehavioral Nursing and Health Systems, University of Washington, Seattle, WA*

**53) ABSTRACT 1200**

**PHYSIOLOGICAL REACTIVITY OF INSOMNIACS DURING WRITTEN EMOTIONAL DISCLOSURE: SALIVARY CORTISOL AND CARDIOPULMONARY FUNCTION**

*Mazy E. Gillis, Pulmonology, Henry Ford Hospital, Detroit, MI, Alison Radcliffe, Jennifer K. Stevenson, Psychology, Wayne State University, Detroit, MI, William R. Rekshan III, Timothy Roehrs, Sleep Center, Henry Ford Hospital, Detroit, MI, Mark A. Lumley, Psychology, Wayne State University, Detroit, MI*

**54) ABSTRACT 1226**

**IMPACT OF ASTHMA ON THE CLINICAL COURSE OF PANIC DISORDER**

*Jennifer L. Francis, Risa Weisberg, Kristin Maki, Ingrid Dyck, Martin B. Keller, Psychiatry and Human Behavior, Brown University, Providence, RI*

**55) ABSTRACT 1246**

**THE RELATIONSHIP OF SELF-REPORTED FATIGUE AND CARDIAC CONTRACTILITY**

*Melissa Dunkley, Psychology, Greenville College, Greenville, IL, Richard A. Nelesen, Psychiatry, University of California San Diego, La Jolla, CA, KaMala Thomas, Joel E. Dimsdale, Psychiatry, University of California, San Diego, La Jolla, CA*

**56) ABSTRACT 1150**

**PLASMA SICAM-1 LEVELS ARE ELEVATED IN LOW SOCIAL CLASS**

*Suzi Hong, Richard A. Nelesen, Patricia L. Krohn, Psychiatry, University of California San Diego, San Diego, CA, Paul J. Mills, Psychiatry, University of California San Diego, San Diego, California, Joel E. Dimsdale, Psychiatry, University of California San Diego, San Diego, CA*

**57) ABSTRACT 1199**

**TEST-RETEST RELIABILITY OF A NEW METHOD TO MEASURE ENDOTHELIAL FUNCTION**

*Bernard Meloche, Andre Arseneault, Nuclear Medicine, Montreal Heart Institute, Montreal, QC, CANADA, Kim L. Lavoie, Nuclear Medicine, Montreal Heart Institute, McGill University, Montreal, QC, Canada, Simon L. Bacon, Nuclear Medicine, Montreal Heart Institute, Psychology, McGill University, Montreal, QC, Canada*

**58) ABSTRACT 1448**

**PAPER VERSUS ONLINE DAILY LOG FOR MEASUREMENT OF HEADACHES IN ADOLESCENTS**

*Elin A. Bjorling, Nursing Science, Marcia Killien, Family and Child Nursing, University of Washington, Seattle, WA*

**59) ABSTRACT 1333**

**CHRONIC STRESS AND CHRONIC INFLAMMATION:  
CRITICAL REVIEW OF A NEW LITERATURE**

*Denise L. Janicki, Thomas W. Kamarck, Anna L. Marsland,  
Psychology, University of Pittsburgh, Pittsburgh, PA*

**60) ABSTRACT 1039**

**BODY THERAPY FOR WOMEN IN CHILDHOOD SEXUAL  
ABUSE RECOVERY: THE IMPACT ON PSYCHOSOMATIC  
HEALTH**

*Cynthia J. Price, School of Nursing, University of Washington,  
Seattle, WA*

**61) ABSTRACT 1139**

**ASSOCIATION OF DEPRESSION, PAIN, FATIGUE AND  
PERCEIVED FUNCTIONING TO THE ACR-SLE  
NEUROPSYCHOLOGY BATTERY**

*Elizabeth Kozora, Misoo C. Ellison, Medicine, National Jewish  
Medical and Research Center, Denver, CO, Sterling West,  
Rheumatology, University of Colorado Health Sciences Center,  
Denver, CO*

**62) ABSTRACT 1409**

**APPLIED MUSCLE TENSION MAY ATTENUATE  
VASOVAGAL REACTIONS TO BLOOD DONATION**

*Christopher R. France, Janis L. France, Stephen M. Patterson,  
Psychology, Ohio University, Athens, OH*

**63) ABSTRACT 1443**

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

*Noble A. Endicott, Research Assessment and Training, New York  
State Psychiatric Institute, New York, NY*

**64) ABSTRACT 1416**

**NEUROPSYCHOLOGICAL AND PSYCHIATRIC SYMPTOMS  
IN CLINICALLY ISOLATED SYNDROME**

*Larissa N. Felt, Laura J. Julian, David C. Mohr, Psychiatry, UC  
San Francisco, San Francisco, CA*

**65) ABSTRACT 1680**

**WEEKEND ALCOHOL USE AND EARLY WEEK HYDRATION  
MEASUREMENT**

*Jessica A. Hall, Stephen M. Patterson, Psychology, Ohio University,  
Athens, OH*

**66) ABSTRACT 1591\***

**NEGATIVE LIFE EVENTS AND WEIGHT GAIN IN WOMEN  
AT MID-LIFE**

*TenÉ Lewis, Susan Everson-Rose, Kelly Karavolos, Lynda Powell,  
Preventive Medicine, Rush University Medical Center, Chicago,  
IL, Karen Matthews, Psychiatry, University of Pittsburgh,  
Pittsburgh, PA*

**67) ABSTRACT 1057**

**FEAR OF PROGRESSION (FOP): A DIAGNOSIS AND  
THERAPY**

*Petra Berg, Gabriele Duran, Institute for Psychosomatic Medicine,  
Technical University of Munich, Muenchen, Germany, Ursula*

*Engst-Hastreiter, Psychology, Rheumatology Rehabilitation Centre  
(BfA), Bad Aibling, Germany, Gerhard Henrich, Sabine Waadt,  
Peter Herschbach, Institute of Psychosomatic Medicine, Technical  
University of Munich, Muenchen, Germany*

**68) ABSTRACT 1147**

**ISCHEMIA, PAIN, AND BLOOD PRESSURE RESPONSE TO  
EXERCISE STRESS TESTING**

*Simon L. Bacon, Nuclear Medicine/Psychology, Montreal Heart  
Institute/McGill University, Montreal, QC, Canada, Kim L. Lavoie,  
Nuclear Medicine/Psychology, Montreal Heart Institute, McGill  
University, Montreal, QC, Canada, Blaine Ditto, Psychology,  
McGill University, Montreal, QC, Canada, Andre Arsenault,  
Nuclear Medicine, Montreal Heart Institute, Montreal, QC,  
CANADA*

**69) ABSTRACT 1411**

**PROFILE OF GENDER DIFFERENCES IN PATIENTS  
UNDERGOING EXERCISE STRESS TESTING: WHY AREN'T  
WOMEN ISCHEMIC?**

*S. L. Bacon, K. L. Lavoie, Nuclear Medicine, Montreal Heart  
Institute, Hopital du Sacre-Coeur, McGill University, Montreal,  
QC, Canada, R. Fleet, Nuclear Medicine, Montreal Heart Institute,  
Montreal, QC, Canada, B. Meloche, A. Arsenault, Nuclear Medicine,  
Montreal Heart Institute, Montreal, QC, Canada*

**70) ABSTRACT 1567**

**EFFECTS OF CAFFEINE AND STRESS ON  
CARDIOVASCULAR HEMODYNAMICS ACROSS AGE  
GROUPS: MODERATING EFFECTS OF HORMONE  
REPLACEMENT THERAPY**

*Noha H. Farag, Andrea S. Vincent, Barbara S. McKey, William R.  
Lovallo, Psychiatry, University of Oklahoma, Oklahoma City, OK*

**71) ABSTRACT 1542**

**ANKLE-BRACHIAL INDEX AND TYPE D PERSONALITY AS  
PREDICTORS OF IMPAIRED QUALITY OF LIFE AND  
DEPRESSIVE SYMPTOMS IN PERIPHERAL ARTERIAL  
DISEASE**

*Annelies Aquarius, Johan Denollet, Psychology and Health, Tilburg  
University, Tilburg, The Netherlands, Jaap Hamming, Surgery,  
Leiden University Medical Center, Leiden, The Netherlands,  
Jolanda De Vries, Psychology and Health, Tilburg University,  
Tilburg, The Netherlands*

**72) ABSTRACT 1579**

**LONGTERM IMPACT OF DIFFERENT INTERVENTIONAL  
ABLATION TECHNIQUES FOR ATRIAL FIBRILLATION (AF)  
ON ILLNESS RELATED QUALITY OF LIFE: A STUDY OF 79  
INITIALLY HIGHLY SYMPTOMATIC AF PATIENTS SIXTEEN  
MONTHS AFTER ABLATION**

*Natalia S. Erazo, Department of Psychosomatic Medicine,  
Technical University of Munich, Munich, Germany, Martin R.  
Karch, Electrophysiology Department, German Heart Center  
Munich, Munich, Munich, Ildika Dobran, Claus Schmitt,  
Electrophysiology Department, German Heart Center Munich,  
Munich, Germany, Karl H. Ladwig, Psychosomatic Medicine  
Department, Technical University of Munich, Munich, Germany*

**73) ABSTRACT 1521**

QUALITY OF LIFE AND ANGINA PECTORIS SYMPTOMS BEFORE AND AFTER TRANSMYOCARDIAL LASER REVASCULARISATION (TMLR)

*Kurt Fritzsche, Michael Flohr, Psychosomatic Medicine and Psychotherapy, University of Freiburg, Freiburg, Germany*

**74) ABSTRACT 1500**

RELATIONSHIPS BETWEEN COPING STRATEGIES AND EMOTIONAL DISTRESS AND QUALITY OF LIFE IN ONE YEAR OF ICD IMPLANTATION

*Kurt Fritzsche, Psychosomatic Medicine and Psychotherapy, University of Freiburg, Freiburg, Germany, Florian Forster, Psychosomatic Medicine and Psychotherapy, University Hospital of Freiburg, Freiburg, Germany*

**75) ABSTRACT 1066**

EFFECTS OF STRESS AND DEPRESSION ON STRESS-INDUCED MYOCARDIAL ISCHEMIA

*James D. Bremner, Psychiatry and Radiology, Faiz A. Cheema, Ali Ashraf, Psychiatry, Emory University, Atlanta, GA, Nadeem Afzal, Psychiatry, Emory, Atlanta, GA, Negar Fani, Lai Reed, Psychiatry, Emory University, Atlanta, GA, Dominique Musselman, Psychiatry, Emory, Atlanta, GA, James Ritchie, Pathology, Tracy Faber, John Votaw, Radiology, Charles B. Nemeroff, Psychiatry, Viola Vaccarino, Cardiology, Emory University, Atlanta, GA*

**76) ABSTRACT 1102**

GENERALIZED ANXIETY DISORDER PREDICTS CORONARY HEART DISEASE RISK INDEPENDENTLY OF MAJOR DEPRESSIVE DISORDER

*Steven D. Barger, Sumner J. Sydemann, Psychology, Northern Arizona University, Flagstaff, AZ*

**77) ABSTRACT 1120**

GENDER DIFFERENCES IN LINKS BETWEEN METABOLIC SYNDROME & DEPRESSIVE SYMPTOMS

*Wayne A. Bardwell, Weonjeong Lim, Joel E. Dimsdale, Psychiatry, UCSD, San Diego, CA*

**78) ABSTRACT 1113**

CULTURAL DIFFERENCES IN FACTORS RELATED TO DEPRESSION IN AFRICAN AMERICAN AND WHITE FEMALE HEART PATIENTS

*Tina L. Harralson, Center for Urban Health, Albert Einstein Healthcare Network, Philadelphia, PA*

**79) ABSTRACT 1105**

CYNICAL HOSTILITY AND CAROTID ATHEROSCLEROSIS IN A BIRACIAL SAMPLE OF MID-LIFE WOMEN

*Susan A. Everson-Rose, Kelly Karavolos, Tene T. Lewis, Lynda H. Powell, Preventive Medicine, Rush University Medical Center, Chicago, IL, Kim Sutton-Tyrrell, Epidemiology, Karen A. Matthews, Psychiatry, University of Pittsburgh, Pittsburgh, PA*

**80) ABSTRACT 1502**

A CARDIAC DEPRESSION VISUAL ANALOGUE SCALE FOR THE BRIEF AND RAPID ASSESSMENT OF DEPRESSION FOLLOWING ACUTE CORONARY SYNDROMES.

*Mirella Di Benedetto, Helen D. Lindner, Psychological Science, La Trobe University, Melbourne, Victoria, Australia, Stephen Kent, Psychological Science, La Trobe University, Melbourne, Australia, David L. Hare, Cardiology, Austin Health, Melbourne, Victoria, Australia*

**81) ABSTRACT 1495**

DEPRESSIVE SYMPTOMS FOLLOWING ACUTE CORONARY SYNDROMES: THE ROLE OF COPING AND TRAIT ANXIETY

*Mirella Di Benedetto, Helen D. Lindner, Psychological Science, La Trobe University, Melbourne, Victoria, Australia, Stephen Kent, Psychological Science, La Trobe University, Melbourne, Australia, David L. Hare, Cardiology, Austin Health, Melbourne, Victoria, Australia*

**82) ABSTRACT 1493**

DEPRESSION FOLLOWING ACUTE CORONARY SYNDROMES: A COMPARISON BETWEEN THE CARDIAC DEPRESSION SCALE AND THE BECK DEPRESSION INVENTORY II

*Mirella Di Benedetto, Helen Lindner, Stephen Kent, Psychological Science, La Trobe University, Melbourne, Victoria, Australia, David L. Hare, Cardiology, Austin Health, Melbourne, Victoria, Australia*

**83) ABSTRACT 1413**

LONG TERM EFFECTS OF A MULTIMODAL, BEHAVIORAL INTERVENTION ON MYOCARDIAL PERFUSION AND CARDIAC EVENTS IN PATIENTS WITH CORONARY HEART DISEASE - A RANDOMIZED, CONTROLLED TRIAL

*Christian Albus, Psychosomatics, Peter Theissen, Nuclear Medicine, Martin Hellmich, Medical Statistics, Reinhard Griebenow, Internal Medicine II, Beate Wilhelm, Demet Aslim, Psychosomatics, Harald Schicha, Nuclear Medicine, Karl K'hle, Psychosomatics, University of Cologne, Cologne (Koeln), Germany*

**84) ABSTRACT 1201**

RETENTION IN A BEHAVIORAL CLINICAL TRIAL

*Claudia B. Eaton, Cheryl R. Whitaker, Carlos F. Mendes de Leon, Glenda S. Kravitz, Kristin J. Flynn, Lynda H. Powell, Preventive Medicine, Rush University Medical Center, Chicago, IL*

**85) ABSTRACT 1284**

BIOLOGICAL DETERMINANTS OF VITAL EXHAUSTION IN PATIENTS WITH RISK FACTORS FOR CONGESTIVE HEART FAILURE (CHF): THE MEDVIP STUDY GROUP

*Christoph Herrmann-Lingen, Psychosomatics, Lutz Binder, Clinical Chemistry, Dirk Wetzel, General Practice, Iraz Y,cel, Psychosomatics, Claus L,ers, Burkert Pieske, Cardiology, University of G'ttingen, G'ttingen, Germany*

**86) ABSTRACT 1310****DEPRESSIVE SYMPTOMS AS PREDICTOR OF MORTALITY AMONG MEN AND WOMEN WITH CAD**

Anastasia Georgiades, James A. Blumenthal, Psychiatry and Behavioral Sciences, Charles B. McCants Jr, Cardiology, Jonathan Davidson, Michael A. Babyak, Psychiatry and Behavioral Sciences, Michael H. Sketch Jr, Cardiology, Lana L. Watkins, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC

**87) ABSTRACT 1358****PREDICTING MAJOR DEPRESSION 3 MONTHS AFTER AN ACUTE CORONARY SYNDROME: ASSOCIATIONS WITH COGNITIVE, BEHAVIORAL, AND INTERPERSONAL VULNERABILITIES**

Lynn Clemow, Medicine, Columbia University, New York, NY, Christine Skotzko, Psychiatry, UMDNJ- Robert Wood Johnson Medical School, New Brunswick, NJ, Nina Rieckmann, Psychiatry, Mount Sinai School of Medicine, New York, NY, Matthew Burg, Medicine, Columbia University, New York, NY, Karina Davidson, Medicine, Columbia University & Mount Sinai School of Medicine, New York, NY

**88) ABSTRACT 1382****POSTTRAUMATIC STRESS DISORDER 6 A ÌNEWÌ RISK FACTOR FOR CORONARY ARTERY DISEASE?**

Marie-Louise Gander, Roland von Kanel, General Internal Medicine, University Hospital, Berne, Switzerland

**89) ABSTRACT 1406****DISTRESS AND PSYCHIATRIC MORBIDITY AFTER CORONARY ARTERY BYPASS GRAFT SURGERY**

Nili R. Benazon, Women's Mental Health and Addictions Research, Centre for Addiction and Mental Health, Toronto, ON, CANADA, Martin G. Myers, Division of Cardiology, Sunnybrook & Women's College Health Sciences Centre, Toronto, ON, Canada, James C. Coyne, Psychiatry, University of Pennsylvania Health System, Philadelphia, PA

**90) ABSTRACT 1320****RELATIONSHIP BETWEEN OPTIMISM AND CARDIOVASCULAR REACTIVITY IN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR PATIENTS WITH CORONARY DISEASE AND HEALTH CONTROLS**

Angelique C. DeMoncada, Medical and Clinical Psychology, Uniformed Services University of the Health Sciences, Bethesda, MD, Willem J. Kop, David S. Krantz, Medical and Clinical Psychology, USUHS, Bethesda, MD, John S. Gottdiener, Cardiology, U of Maryland, Baltimore, MD, Mark O'Callahan, Micah Stretch, Bethesda, MD, Neil J. Weissman, Cardiology, Medstar Research Institute, Washington, DC

**91) ABSTRACT 1432****DYSPHORIC POST-ACUTE CORONARY SYNDROME PATIENTS HAVE HIGHER WAIST-TO-HIP RATIOS CROSS-SECTIONALLY AND LONGITUDINALLY COMPARED TO NON-DYSPHORIC POST-ACS PATIENTS**

Lucia Dettenborn, Robert Paulino, Karen Hiensch, Medicine, Nina Rieckmann, Psychiatry, Mount Sinai School of Medicine, New York, NY, Matthew Burg, Oluwaseun Akinola, Karina W. Davidson, Medicine, Columbia University, New York, NY

**92) ABSTRACT 1440****TYPE D PERSONALITY AND 30-YEAR PREDICTION OF ALL-CAUSE AND CVD MORTALITY: THE WESTERN ELECTRIC STUDY**

Jarett D. Berry, Daniel Garside, Preventive Medicine, Northwestern University, Chicago, IL, John Cacioppo, Psychology, University of Chicago, Chicago, IL, Donald Lloyd-Jones, Preventive Medicine, Jeremiah Stamler, Philip Greenland, Dept. of Preventive Medicine, Northwestern University, Chicago, IL

**93) ABSTRACT 1524****SOCIAL INHIBITION, NEGATIVE AFFECT AND RISK OF CARDIAC EVENTS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION (PCI)**

Johan Denollet, Susanne Pedersen, Medical Psychology, Tilburg University, Tilburg, The Netherlands, Andrew Ong, Thorax Center, Pedro Lemos, Thoraxcenter, Erasmus Medical Center Rotterdam, Rotterdam, The Netherlands, Ruud Erdman, Thoraxcenter, Erasmus Medical Center Rotterdam, Rotterdam, Netherlands, Patrick Serruys, Ron van Domburg, Thoraxcenter, Erasmus Medical Center Rotterdam, Rotterdam, The Netherlands

**94) ABSTRACT 1543****TREATING DEPRESSION IN POST-ACS PATIENTS IN THE AFTERMATH OF ENRICHD: COPES PHASE-I RCT**

Matthew M. Burg, Behavioral Cardiovascular Health & Hypertension, Columbia University School of Medicine, New York, NY, Francois Lesperance, Psychiatry, University of Montreal, Montreal, QC, Canada, Karina W. Davidson, Behavioral Cardiovascular Health & Hypertension, Columbia University School of Medicine, New York, NY

**95) ABSTRACT 1453\*****LIFESTYLE CHANGES AND CORONARY RISK IN THE MULTISITE CARDIAC LIFESTYLE INTERVENTION PROGRAM: RESULTS FROM THE 12 WEEK FOLLOW-UP**

Jennifer J. Daubenmier, Gerdi Weidner, Michael D. Sumner, Ute Schulz, Preventive Medicine Research Institute, Sausalito, CA, Terri Merritt-Worden, Joli Studley, Highmark BCBS, Pittsburgh, PA, Dean Ornish, Preventive Medicine Research Institute, Sausalito, CA

**96) ABSTRACT 1510****INTERVENTION TO RELIEVE PSYCHOSOCIAL STRESS AND CHD IN WOMEN**

Kristina Gorné, Public Health Sciences, Karolinska Institutet, Stockholm, Sweden

**97) ABSTRACT 1525****DIMENSION OF DEPRESSION FOLLOWING MYOCARDIAL INFARCTION AND THEIR RELATIONSHIP WITH SOMATIC HEALTH STATUS AND CARDIOVASCULAR PROGNOSIS**

Peter de Jonge, Psychiatry and Internal Medicine, Joost P. Van Melle, Cardiology, Johan Ormel, Psychiatry, University of Groningen, Groningen, The Netherlands

**98) ABSTRACT 1685**

ACUTE HYDRATION AND APPLIED MUSCLE TENSION PROMOTE PHYSIOLOGICAL CHANGES THAT CAN ATTENUATE VASOVAGAL REACTIONS TO BLOOD DONATION

*Stephen M. Patterson, Janis L. France, Christopher R. France, Psychology, Ohio University, Athens, OH*

**99) ABSTRACT 1662**

RELATIONSHIPS BETWEEN CARDIOVASCULAR AND PSYCHOLOGICAL REACTIVITY: CONSIDERING EFFORT AND EMOTION SIMULTANEOUSLY

*Clayton J. Hilmert, Psychology, University of California, Los Angeles, CA*

**100) ABSTRACT 1242** - This abstract appears on page A-95 of the Program Abstract Book

EFFECTS OF SOCIAL SUPPORT AND EVALUATION ON CARDIOVASCULAR REACTIVITY TO ACUTE STRESS

*Lisa M. Jones, Psychology, Ohio State Univ, Columbus, OH, Catherine M. Stoney, NCCAM, NIH, Bethesda, MD†*

**101) ABSTRACT 1650**

HYDRATION STATUS IS A FACTOR RELATED TO CHANGES IN RESTING SYSTOLIC BLOOD PRESSURE DURING THE MENSTRUAL CYCLE

*Birgit A. Shanholtzer, Stephen M. Patterson, Psychology, Ohio University, Athens, OH*

**102) ABSTRACT 1523**

EVALUATION OF COGNITIVE FLEXIBILITY IN ANOREXIA PATIENTS USING THE WISCONSIN CARD SORTING TEST

*Yasuhiro Sato, Atsushi Utsumi, Daisaku Tamura, Masashi Adachi, Masako Karahashi, Isao Aoki, Yuko Kimura, Psychosomatic Medicine, Tohoku University Hospital, Sendai, Miyagi, Japan, Kanae Matsuzaka, Michiko Kano, Shin Fukudo, Behavioral Medicine, Tohoku University, Sendai, Miyagi, Japan, Michio Hongo, Comprehensive Medicine, Tohoku University Hospital, Sendai, Miyagi, Japan*

**103) ABSTRACT 1313**

CELLULAR IMMUNE RESPONSES TO ACUTE STRESS IN OLDER INDIVIDUALS

*Aric A. Prather, Anna L. Marsland, Ramasri Sathanoori, Erin Suchoza, Judith Defeo, Psychology, Univ of Pittsburgh, Pittsburgh, PA*

**104) ABSTRACT 1209**

EVIDENCE FOR A STRESS INDUCED IMMUNOLOGICAL ORDER TRANSITION IN A PATIENT WITH SYSTEMIC LUPUS ERYTHEMATOSUS

*Christian Schubert, Department of Psychiatry, University of California, San Diego, La Jolla, CA, Gnter Schiepek, Clinic for Psychosomatic and Psychotherapeutic Medic, University Hospital Aachen, Aachen, Germany*

**105) ABSTRACT 1563**

THE ROLE OF INFLAMMATION IN NEURODEGENERATIVE DISEASES: THE THERAPEUTIC EFFECTS OF N-3 FATTY ACID EPA

*Cai Song, Biomedical Science, University of PEI and, NRC Institute of Nutrisciences and Health, Charlottetown, PE, Canada*

**106) ABSTRACT 1214**

THE NEURAL SUBSTRATE FOR THE SOMATIC MARKER - [<sup>15</sup>O] H<sub>2</sub>O PET STUDY DURING PERFORMANCE ON A DECISION-MAKING TASK.

*Michiko Kano, Behavioral Medicine, Masatoshi Itho, Cyclotron and Radioisotope Center, Shin Fukudo, Behavioral Medicine, Tohoku University, Sendai, Miyagi, Japan*

**107) ABSTRACT 1632**

AGE AND GENDER EFFECTS ON HPA AXIS RESPONSE TO STRESS

*Andrea S. Vincent, Noha H. Farag, William R. Lovallo, Psychiatry and Behavioral Sciences, University of Oklahoma Health Sciences Center, Oklahoma City, OK*

**108) ABSTRACT 1505**

ATTITUDE TOWARDS PSYCHOTHERAPEUTIC TREATMENT IN THE RUSSIAN POPULATION, IN A GERMAN SAMPLE, AND IN THE POPULATION WITH A RUSSIAN/SOVIET CULTURAL BACKGROUND IN GERMANY, A PILOT STUDY

*Darja Ditte, Wolfgang Schulz, Institute for Psychology, Technical University of Brunswick, Brunswick, Germany, Gerhard Schmid-Ott, Department of Psychosomatic Medicine, Hannover Medical School, Hannover, Germany*

**109) ABSTRACT 1302**

THE EFFECT OF INTEGRATION ON TREATMENT OUTCOME AND QUALITY OF LIFE IN PATIENTS WITH PSYCHOSOMATIC DISORDERS AND A HISTORY OF MIGRATION

*Marzio E. Sabbioni, Psychosomatic Medicine, Lindenhofspital, Berne, Switzerland, Susanne von Ah, Internal Medicine, University of Berne, Berne, Switzerland, Stefan M. Goetz, Internal Medicine, University of Berne, Berne, Berne, Switzerland*

**110) ABSTRACT 1185**

DOES EXPRESSIVE WRITING REDUCE HEALTH CARE UTILIZATION?: A META-ANALYSIS OF RANDOMIZED TRIALS

*Alex H. Harris, Center for Health Care Evaluation, VA Palo Alto Health Care System, Menlo Park, CA*

**111) ABSTRACT 1054**

SOCIOECONOMIC AND ETHNIC GRADIENTS IN CUMULATIVE BIOLOGICAL RISK

*Teresa Seeman, Arundhati Karlamangla, Sharon Merkin, Geriatrics, UCLA, Los Angeles, CA, Eileen Crimmins, Andrus Center, USC, Los Angeles, CA*

**6:30 - 7:30pm**

**Azure Room**

**MENTOR / MENTEE RECEPTION**

*Followed by a dinner for students at local restaurant*

**See page 5 for more information.**

**7:30pm**

**Port McNeill Room**

**PAST LEADERS DINNER MEETING**

*By Invitation Only*

# Friday, March 4, 2005

7:00am

**Pavillion Ballroom Foyer**  
**REGISTRATION**

7:30-8:00am

**Pavillion Ballroom Foyer**  
**CONTINENTAL BREAKFAST**

8:00 - 10:00am

**CONCURRENT SESSIONS**

**Pavillion Ballroom A-B**  
**SYMPOSIUM 1359**

**THE METABOLIC SYNDROME: CLINICAL DEFINITIONS, EPIDEMIOLOGY, AND FUTURE DIRECTIONS**

*Chair: Dr. John F. Todaro*

*Discussant: Dr. Raymond Niaura*

**INDIVIDUAL ABSTRACT 1473**

**CONFIRMATORY FACTOR ANALYSIS OF THE METABOLIC SYNDROME AMONG MEN WITH NORMAL BLOOD PRESSURE OR UNTREATED HYPERTENSION**

*Jeanne M. McCaffery, Raymond S. Niaura, Brown Medical School, Providence, RI, Biing-Jiun Shen, University of Miami, Coral Gables, FL, Matthew F. Muldoon, Stephen B. Manuck, University of Pittsburgh, Pittsburgh, PA*

**INDIVIDUAL ABSTRACT 1559**

**THE RELATIONSHIP BETWEEN PSYCHOLOGICAL RISK FACTORS AND INSULIN RESISTANCE: IS INFLAMMATION THE LINK?**

*Edward C. Suarez, Stephen H. Boyle, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC*

**INDIVIDUAL ABSTRACT 1596**

**DOES HOSTILITY MEDIATE THE PROSPECTIVE ASSOCIATION OF OBESITY AND 10-YEAR BLOOD PRESSURE CHANGE?**

*Wolfgang Linden, Psychology, UBC, Vancouver, BC, Canada, Jocelyne Leclerc, Yvonne Erskine, Psychology, UBC*

**INDIVIDUAL ABSTRACT 1619**

**NEGATIVE EMOTIONS AND THE METABOLIC SYNDROME IN OLDER MALES: FINDINGS FROM THE NORMATIVE AGING STUDY**

*John F. Todaro, Raymond Niaura, Brown Medical School, Providence, RI, Avron Spiro III, Boston VA Healthcare System, Kenneth D. Ward, University of Memphis Center for Community Health, Memphis, TN*

**Pavillion Ballroom D**

**PAPER SESSION: THE IMPACT OF DEPRESSION: MECHANISMS AND OUTCOMES**

*Chair: Dr. John J. Sollers, III*

†

**ABSTRACT 1585**

**DEPRESSION SYMPTOMS PREDICT MORE RAPID PROGRESSION OF CAROTID ATHEROSCLEROSIS**

*Jesse C. Stewart, Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA, Denise L. Janicki, Psychology, University of Pittsburgh, Pittsburgh, PA, Matthew F. Muldoon, Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, Kim Sutton-Tyrrell, Epidemiology, Thomas W. Kamarck, Psychology, University of Pittsburgh, Pittsburgh, PA*

**ABSTRACT 1584**

**ATYPICAL DEPRESSION, BODY MASS, AND LEFT VENTRICULAR MASS: ANALYSIS OF DATA FROM CARDIA**

*Sari D. Schwartz, David S. Krantz, Willem J. Kop, Dept of Medical and Clinical Psychology, Uniformed Services University of the Health Sciences, Bethesda, MD*

**ABSTRACT 1065**

**DEPRESSIVE SYMPTOMS ARE ASSOCIATED WITH INCREASED SYSTEMIC VASCULAR RESISTANCE TO STRESS**

*Scott C. Matthews, Richard A. Nelesen, Joel E. Dimsdale, Psychiatry, University of California San Diego, La Jolla, CA*

**ABSTRACT 1062**

**DEVELOPMENT OF DEPRESSIVE SYMPTOMS IN RESPONSE TO EXERCISE WITHDRAWAL**

*Ali A. Berlin, Willem J. Kop, Medical and Clinical Psychology, Patricia A. Deuster, Military and Emergency Medicine, Uniformed Services University of the Health Sciences, Bethesda, MD*

**ABSTRACT 1269**

**DOES HISTORY OF DEPRESSION AFFECT YOUR WAISTLINE?**

*E. Goldbacher, Psychology, K. Matthews, Psychiatry, J. Bromberger, Epidemiology, University of Pittsburgh, Pittsburgh, PA*

**ABSTRACT 1422**

**EFFECTS OF ENHANCED DEPRESSION CARE ON DIABETES SELF-MANAGEMENT: A RANDOMIZED-CONTROLLED TRIAL**

*Elizabeth H. Lin, Center for Health Studies and Family Medicine, Group Health Cooperative, Seattle, WA, Wayne Katon, Carolyn Rutter, Psychiatry, U of Washington School of Medicine, Seattle, WA, Michael Von Korff, Evette J. Ludman, Gregory E. Simon, Center for Health Studies, Group Health Cooperative, Seattle, WA, Paul Ciechanowski, Edward Walker, Psychiatry, U of Washington School of Medicine, Seattle, WA*

**Pavillion Ballroom C**

**PAPER SESSION: PSYCHONEUROIMMUNOLOGY: BIOBEHAVIORAL INFLUENCES ON INFLAMMATION**

*Chair: Dr. Michael R. Irwin*

**ABSTRACT 1227**

**PERCEIVED STRESS PREDICTS INCREASED INFLAMMATION AND COAGULABILITY**

*Shamini Jain, Paul J. Mills, Roland von Kanel, Suzi Hong, Joel E. Dimsdale, Psychiatry, University of California, San Diego, CA*

**ABSTRACT 1243****MAJOR DEPRESSION, DEPRESSIVE SYMPTOMS AND INFLAMMATION**

*Viola Vaccarino, Medicine, Andrew H. Miller, Psychiatry, Jerome L. Abramson, Carisa A. Maisano, Olga Novik, Medicine, James D. Bremner, Psychiatry, Emory University, Atlanta, GA, Jack Goldberg, Vietnam Era Twin Registry, Seattle, WA*

**ABSTRACT 1196****HIGH JOB DEMANDS PREDICT CIRCULATING C-REACTIVE PROTEIN RESPONSES TO MENTAL STRESS**

*Mark Hamer, Raisa Vuononvirta, Andrew Steptoe, Psychobiology, University College London, London, UK*

**ABSTRACT 1436****SOCIAL-EVALUATIVE THREAT AND PROINFLAMMATORY CYTOKINE RESPONSES TO ACUTE STRESS: AN EXPERIMENTAL LABORATORY INVESTIGATION**

*Sally S. Dickerson, Psychology & Social Behavior, UCI, Irvine, CA, Shelly L. Gable, Psychology, UCLA, Los Angeles, CA, Margaret E. Kemeny, Psychiatry, Health Psychology Program, UCSF, San Francisco, CA, Najib Aziz, Center for Interdisc. Research Immunology & Disease, Michael R. Irwin, Cousins Center for Psychoneuroimmunology, UCLA, Los Angeles, CA*

**ABSTRACT 1575****COCAINE INFUSION INDUCES A SUSTAINED SUPPRESSION OF MONOCYTE PROINFLAMMATORY CYTOKINE EXPRESSION**

*Michael R. Irwin, Tom Newton, Cousins Center for Psychoneuroimmunology, Psychiatry, UCLA Neuropsychiatric Institute, Los Angeles, CA, Anthony Butch, Department of Pathology, Gayle Baldwin, Department of Medicine, Hematology and Oncology, UCLA, Los Angeles, CA, Luis Olmos, Cousins Center for Psychoneuroimmunology, Psychiatry, UCLA Neuropsychiatric Institute, Los Angeles, CA*

**ABSTRACT 1434****PSYCHOLOGICAL WELL-BEING AND PRO-INFLAMMATORY FACTORS IN A SAMPLE OF AGING WOMEN**

*Elliot M. Friedman, Dept. of Population Health Sciences, Gayle D. Love, Institute on Aging, Mary S. Hayney, School of Pharmacy, University of Wisconsin, Madison, Madison, WI, Carol D. Ryff, Institute on Aging, University of Wisconsin, Madison, WI*

**ABSTRACT 1375****IMPACT OF A BEHAVIORAL INTERVENTION ON INFLAMMATION IN CORONARY PATIENTS**

*Martijn Kwaijtaal, Medical Microbiology, Rob van Diest, Psychiatry, Ad Appels, Medical Psychology, Maastricht University, Maastricht, Limburg, The Netherlands*

**10:00 - 10:15am****Pavillion Ballroom Foyer****BREAK****10:15 - 11:15am****CONCURRENT SESSIONS****Pavillion Ballroom A-B****PAPER SESSION: SUBSTANCE ABUSE: EPIDEMIOLOGY AND INTERVENTION**

**Chair:** *Dr. Jeanne McCaffery*

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**ABSTRACT 1151****ASSOCIATIONS AMONG MARKERS OF SOCIO-ECONOMIC STATUS AND SUBSTANCE USE BEHAVIORS IN ADOLESCENTS**

*Margaret Hanson, Edith Chen, Psychology, University of British Columbia, Vancouver, BC, Canada*

**ABSTRACT 1049****INTELLIGENCE IN RELATION TO LATER BEVERAGE PREFERENCES AND ALCOHOL INTAKE**

*Laust H. Mortensen, Center for Alcohol Research, National Institute of Public Health, Copenhagen, Denmark, Thorkild I. Sorensen, Danish Epidemiology Science Centre, Copenhagen University Hospital, Copenhagen, Denmark, Morten Gronbaek, Center for Alcohol Research, National Institute of Public Health, Copenhagen, Denmark*

**ABSTRACT 1512****CONTEMPLATING TO QUIT CURRENT SMOKING STATUS: DIFFERENCES IN BEHAVIOURAL AND PSYCHOSOCIAL PATTERNS OF IMMOTIVE AND ACTIVELY CONTEMPLATING SMOKERS**

*Karl H. Ladwig, Institute of Epidemiology, GSF Nat. Research Center for Environment and Health, Neuherberg, Germany, Jens J. Baumert, Hannelore Loewel, Heinz E. Wichmann, Institute of Epidemiology, GSF Nat Research Center for Environment and Health, Neuherberg, Germany*

**ABSTRACT 1343****NARRATIVE INDICATORS OF DIMINISHED AGENCY RELATE TO CRAVING AND NEGATIVE AFFECT DURING SMOKING CESSATION**

*Kathleen A. O'Connell, Health and Behavior Studies, George A. Bonanno, Counseling and Clinical Psychology, Teachers College Columbia University, New York, NY, Joseph E. Schwartz, Psychiatry, SUNY-Stony Brook, Stony Brook, NY, Vanessa L. Hosein, Health and Behavior Studies, Teachers College Columbia University, New York, NY*

**Pavillion Ballroom C****SYMPOSIUM 1466****STRESS AND BIOLOGY DURING CHILDHOOD**

**Chair:** *Dr. Edith Chen*

**Discussant:** *Dr. Joanne Weinberg*

**INDIVIDUAL ABSTRACT 1468****MEASURING SELF-REGULATORY COMPETENCE IN ADOLESCENTS: NEW INSIGHTS INTO BEHAVIORAL MECHANISMS OF CARDIOVASCULAR HEALTH**

*Craig K. Ewart, Psychology, Syracuse University, Syracuse, NY*

**INDIVIDUAL ABSTRACT 1469****SOCIOECONOMIC STATUS, STRESS, AND CHILDHOOD HEALTH AND BIOLOGY**

*Edith Chen, Psychology, University of British Columbia, Vancouver, BC, Canada*

**INDIVIDUAL ABSTRACT 1470****DIFFERENTIAL STRESS EXPERIENCE AND ITS RELATIONSHIP TO CHILDHOOD ASTHMA AND ASTHMA IMMUNE MARKERS**

*Rosalind J. Wright, Channing Laboratory, Harvard Medical School, Cambridge, MA*

**Pavillion Ballroom D****SYMPOSIUM 1121****IS THERE LIFE AFTER ENRICHD?**

**Chair:** *Dr. Wolfgang Linden*

**Discussant:** *Dr. Francois Lesperance*

**INDIVIDUAL ABSTRACT 1232****EFFECTS OF A STRESS MANAGEMENT PROGRAM ON VITAL EXHAUSTION, DEPRESSION, AND BIOLOGICAL VARIABLES IN WOMEN WITH CORONARY HEART DISEASE. A RANDOMIZED CONTROLLED INTERVENTION STUDY**

*Jenny C. Koertge, Public Health, Karolinska Institutet, Stockholm, Sweden*

**INDIVIDUAL ABSTRACT 1420\*****CAN CHANGES IN LIFESTYLE AFFECT CORONARY ARTERY DISEASE AND QUALITY OF LIFE? RESULTS FROM THREE CARDIAC INTERVENTION PROGRAMS**

*Gerdi Weidner, Dean Ornish, Preventive Medicine Research Institute, Sausalito CA*

**INDIVIDUAL ABSTRACT 1427****THE ENRICHD TRIAL: FACT OR FICTION?**

*James A. Blumenthal, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC*

**INDIVIDUAL ABSTRACT 1522****FOCUS OF BEHAVIORAL INTERVENTION IN CORONARY HEART DISEASE: WHAT LIES BEYOND DEPRESSION?**

*Johan Denollet, Medical Psychology, Tilburg University, Tilburg, The Netherlands*

**11:30am - 12:30pm**

**CONCURRENT SESSIONS****Pavillion Ballroom A-B****SYMPOSIUM 1255****PSYCHOSOCIAL AND BEHAVIORAL INFLUENCES ON ANTIBODY RESPONSE TO VACCINATION**

**Chair:** *Dr. Victoria E. Burns*

**Discussant:** *Dr. Gregory E. Miller*

**INDIVIDUAL ABSTRACT 1258****THE ASSOCIATION BETWEEN LIFE EVENTS, SOCIAL SUPPORT, NEUROTICISM AND ANTIBODY STATUS FOLLOWING THYMUS-DEPENDENT AND THYMUS-INDEPENDENT VACCINATIONS**

*Anna C. Phillips, Victoria E. Burns, Douglas Carroll, Christopher Ring, School of Sport and Exercise Sciences, Mark T. Drayson, School of Medicine, University of Birmingham, Birmingham, UK*

**INDIVIDUAL ABSTRACT 1395****TRAIT POSITIVE AFFECT AND ANTIBODY RESPONSE TO HEPATITIS B VACCINATION**

*Anna L. Marsland, Department of Psychology, University of Pittsburgh, Pittsburgh, PA, Sheldon Cohen, Department of Psychology, Carnegie Mellon University, Pittsburgh, PA, Bruce S. Rabin, Department of Pathology, University of Pittsburgh School of Medicine, Pittsburgh, PA, Stephen B. Manuck, Department of Psychology, University of Pittsburgh, Pittsburgh, PA*

**INDIVIDUAL ABSTRACT 1557****THE IMPACT OF SLEEP ON INFLUENZA IMMUNIZATION RESPONSE**

*Sarah D. Pressman, Department of Psychology, Carnegie Mellon University, Sheldon Cohen, Department of Psychology, Carnegie Mellon University, Pittsburgh, PA, Gregory E. Miller, Department of Psychology, University of British Columbia, Vancouver, BC, Canada*

**Pavillion Ballroom C****SYMPOSIUM 1654****SES, MOOD, AND HEALTH: NEW FINDINGS ON COMPLEX RELATIONSHIPS**

**Chair:** *Dr. Elizabeth Brondolo*

**Discussant:** *Dr. Thomas Pickering*

**INDIVIDUAL ABSTRACT 1703****DIMENSIONS OF SOCIO-ECONOMIC STATUS ARE RELATED TO NEGATIVE MOOD AND HOSTILITY IN A COMMUNITY SAMPLE**

*Elizabeth Brondolo, Karina Bienfait, Jenni Atencio, Department of Psychology, St. John's University, Jamaica, NY, Andrea Cassells, Carmen Rodriguez, Catherine Cubbin, Jonathan N. Tobin, Clinical Directors Network*

**INDIVIDUAL ABSTRACT 1707****SUBJECTIVE SOCIAL STATUS, PERCEIVED RACISM, AND SELF-REPORTED HEALTH IN A SAMPLE OF HISPANIC AMERICAN IMMIGRANTS**

*Marcus Green, Patrick Steffen, Department of Psychology, Brigham Young University, Provo, UT*

**INDIVIDUAL ABSTRACT 1708****STRIVING FOR THE AMERICAN DREAM BUT NOT SUCCEEDING: ACHIEVEMENT ORIENTATION CONTRIBUTES TO THE NEGATIVE EFFECTS OF LOW SES ON HEALTH IN HISPANIC AMERICAN IMMIGRANTS**

*Patrick Steffen, Marcus Green, Department of Psychology, Brigham Young University, Provo, UT*

## **Pavillion Ballroom D**

### **PAPER SESSION: BIOBEHAVIORAL CONCOMITANTS OF EMOTION (DYS)REGULATION IN MUSCULOSKELETAL PAIN PATIENTS**

*Chair: Dr. Alex J. Zautra*

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#### **ABSTRACT 1516**

##### **PSYCHOLOGICAL, CLINICAL, AND PHYSIOLOGICAL EFFECTS OF HOME-BASED EMOTIONAL DISCLOSURE IN RHEUMATOID ARTHRITIS**

*HenriËt van Middendorp, Rinie Geenen, Marjolijn J. Sorbi, Lorenz J. P. van Doornen, Health Psychology, Johannes W. J. Bijlsma, Rheumatology and Clinical Immunology, Utrecht University, Utrecht, The Netherlands*

#### **ABSTRACT 1373**

##### **POSITIVE AFFECT AS A BUFFER IN THE PAIN-NEGATIVE AFFECT RELATIONSHIP IN PATIENTS WITH RHEUMATOID ARTHRITIS?**

*Elin B. Strand, Behavioural Sciences, Magne Thoresen, Statistics, University of Oslo, Oslo, Norway, Alex J. Zautra, Psychology, Arizona State University, Tempe, AZ, Arnstein Finset, Behavioural Sciences, University of Oslo, Oslo, Norway*

#### **ABSTRACT 1183**

##### **IMMUNE INSIGHTS INTO FIBROMYALGIA**

*Christopher L. Coe, Psychology, Daniel Muller, Rheumatology, Chris Erickson, Medicine, Kathleen Schell, Cancer Center, Miroslav Backonja, Neurology, University of Wisconsin, Madison, WI*

#### **ABSTRACT 1697**

##### **HEART RATE AND FACIAL EMG RESPONSES TO AFFECTIVE STIMULI IN WOMEN WITH FIBROMYALGIA AND OSTEOARTHRITIS**

*Mary C. Davis, Alex Zautra, Psychology, Arizona State University, Tempe, AZ, John Allen, Psychology, University of Arizona, Tucson, AZ*

## **12:30 - 1:45pm**

### **ROUNDTABLE LUNCHEES OR LUNCH ON YOUR OWN**

*There are five Roundtable Lunches being offered today. If you have not registered for one and would like to participate, please go to the meeting registration desk to purchase a ticket.*

## **Orca Room**

### **ROUNDTABLE 6**

#### **The Role of Rumination and Worry in Prolonged Physiological Stress Responses**

**Chairs:** Drs. Jos Brosschot and Wolfgang Linden

Prolonged physiological activation before or after stressors have gained recognition as a decisive element in theories that explain the link between stress and disease. This view is opposed to the conventional reactivity hypothesis that emphasizes responses during stressors. We will discuss amongst others recovery and how to measure it, and potential psychological mediators of stress-related prolonged activation, i.e. worry and rumination, or other processes characterized by perseverative cognition, including unconscious processes.

## **Parkville Room**

### **ROUNDTABLE 7**

#### **Biopsychosocial Rheumatic Diseases Roundtable**

**Chairs:** Drs. Deborah N. Ader and Francis Keefe

At last year's APS Rheumatic Diseases Roundtable successfully launched a data blitz format. A data blitz is an opportunity to present late-breaking findings from a study recently conducted by your research team. Each presenter in the Rheumatic Diseases Roundtable Data Blitz will have 5 minutes (strictly enforced) to present a maximum of 3 overheads. Presentations can be on any aspect of behavioral or biopsychosocial rheumatic diseases research. Up to 9 roundtable participants who volunteer to present will step up to the plate before a rowdy group of fans (the rest of the roundtable attendees) and describe late-breaking results from one of their current research projects. Presentation time will be closely monitored and players called out by the fans at the end of each 5-minute period. The atmosphere will be informal, fun, and foster lively interchanges between the researchers and audience. Referees will be Drs. Frank Keefe and Deborah Ader, and there will be an opportunity for some brief discussion about research directions in stress and rheumatic diseases and NIH funding opportunities.

## **Port McNeill**

### **ROUNDTABLE 8**

#### **On the Market: Searching for and Getting a Job in Academia**

**Chairs:** Drs. Peter Gianaros and Suzanne Segerstrom

The purpose of this roundtable is to present two scholars' advice about the academic job market, answer your questions, and facilitate discussion about how to effectively negotiate the job market. One junior and one mid-career scholar will share their experiences (successful and unsuccessful) hunting for faculty positions in both Liberal Arts and Sciences Colleges and in Medical Schools, as well as the process of the faculty search from a Psychology department's perspective. This should be an informative event for post-doctoral fellows and students. Everyone should come prepared to ask questions!

## **Port Hardy**

### **ROUNDTABLE 9**

#### **Gastrointestinal Disorders Roundtable**

**Chair:** Dr. Susan Levenstein

All researchers and clinicians interested in mind-body interactions in GI disorders are invited to participate and to network.

## **Port Alberni**

### **ROUNDTABLE 10**

#### **The Use of Hypnosis in Medicine and in Medical Research**

**Chair:** Dr. Jeanne Hernandez

The hypnosis roundtable group will review and discuss how and why hypnosis can be a valuable treatment option in psychosomatic and other physical/medical conditions. We will also review and discuss published articles of studies using hypnosis as the treatment or intervention - for the purpose of designing and sharing appropriate hypnotic interventions for clinical use or in research studies. There will be handouts and references about medical hypnosis as well as an annotated bibliography of research studies where hypnosis is the method of treatment.

**Beluga Room**  
**NEUROSCIENCE COMMITTEE LUNCH**

**1:45 - 3:45pm**  
**Pavillion Ballroom**

**CUTTING EDGE SYMPOSIUM**

*Chair: Dr. William Gerin*

We are currently in what may be the golden age of research in psychosomatic research. Progress is being made on many fronts, and it is virtually impossible to keep up with the developments even in one's primary field, much less the broad range of areas that are encompassed at the American Psychosomatic Society meeting. We recognize that interdisciplinary cohesiveness is one of our great strengths; yet, it is often difficult to focus on diseases and models outside one's own specialty. This seminar represents an innovative experiment in fostering interdisciplinary cohesiveness, by providing a series of overviews of different areas. The idea is that in a relatively brief amount of time, attendees will come away with an understanding of the latest thinking in a broad array of topics, and the hope is that this will inform your own research.

**AGNOSTIC STRESS, TRANSCENDENCE STRIVING, AND SOCIAL EMOTIONAL COMPETENCE**

*Craig K. Ewart, Department of Psychology, University of Syracuse, Syracuse, NY*

**VULNERABLE PLAQUE: NEW PARADIGMS**

*Daichi Shimbo, Department of Medicine, Mt. Sinai School of Medicine, New York, NY*

**EFFECTS OF STRESS MANAGEMENT IN HIV/AIDS: PSYCHOSOCIAL, PHYSIOLOGICAL AND DISEASE INDICATORS**

*Michael H. Antoni, Department of Psychology, University of Miami, Coral Gables, FL*

**PATIENT ADHERENCE TO MEDICAL REGIMENS: LEVELS OF UNDERSTANDING AND INTERVENTION**

*Alan J. Christensen, Professor, Department of Psychology, University of Iowa, Iowa City, IA*

**CUTTING EDGE PRIORITIES FOR NIH: TRANSLATING BEHAVIORAL SCIENCE DISCOVERIES INTO PRACTICAL STRATEGIES FOR IMPROVING PUBLIC HEALTH**

*Susan Czajkowski, Social Science Analyst, Division of Epidemiology and Clinical Applications, National Heart, Lung and Blood Institute, NIH, Bethesda, MD*

**3:45 - 4:15pm**  
**Pavillion Ballroom Foyer**  
**BREAK**

**4:15 - 5:45pm**  
**CONCURRENT SESSIONS**

**Pavillion Ballroom A-B**  
**SYMPOSIUM 1402**

**GENETIC EXPLORATION OF INDIVIDUAL DIFFERENCES**

*Chair: Dr. John J. Soller, III*

*Discussant: Dr. Julian F. Thayer*

**INDIVIDUAL ABSTRACT 1549**

**CENTRAL NERVOUS SYSTEM (CNS) SEROTONIN FUNCTION AND GLUCOSE METABOLISM**

*Redford Williams, Jr., Behavioral Psychiatry, Duke University, Durham, NC*

**INDIVIDUAL ABSTRACT 1552**

**EDUCATION LEVEL MODERATES THE HERITABILITY OF HYPERTENSION AMONG MALE VIETNAM-ERA TWINS**

*Jeanne McCaffery, Centers for Behavioral and Preventive Medicine, Brown Medical School and The Miriam Hospital, Providence, RI, George D. Papandonatos, Brown Medical School, Providence, RI, Michael J. Lyons, Boston University, Raymond S. Niaura, Brown Medical School, Providence, RI*

**INDIVIDUAL ABSTRACT 1576**

**HERITABILITY OF HEART RATE VARIABILITY IN YOUNG WOMEN**

*Andrey Anokhin, Department of Psychiatry, Washington University School of Medicine, St. Louis, MO, John J. Sollers, III, Rebecca Silver, Marcellus M. Merritt, Julian F. Thayer, Emotion and Quantitative Psychophysiology Section, National Institute on Aging, NIH, Baltimore, MD*

**INDIVIDUAL ABSTRACT 1580**

**ENDOTHELIAL NITRIC OXIDE SYNTHASE AND ANGIOTENSION CONVERTING ENZYME I/D POLYMORPHISMS GENOTYPES AND RESTING HEART RATE VARIABILITY AMONG AFRICAN AMERICANS**

*Marcellus M. Merritt, John J. Sollers, III, Emotion & Quantitative Psychophysiology Section, National Institute on Aging, NIH, Baltimore, MD, Alan B. Zonderman, Michele K. Evans, Intramural Research Program, Julian F. Thayer, Emotion and Quantitative Psychophysiology Section, National Institute on Aging, NIH, Baltimore, MD*

**Pavillion Ballroom C**

**PAPER SESSION: FUNCTIONAL NEUROIMAGING OF EMOTION, STRESS AND PAIN**

*Chair: Dr. Richard D. Lane*

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**ABSTRACT 1142**

**MONTHLY AND MOMENTARY POSITIVE AFFECT RELATES TO DEGREE OF CEREBRAL BLOOD FLOW ACTIVATION**

*J. Richard Jennings, Christopher M. Ryan, Psychiatry, Matthew F. Muldoon, Medicine, Carolyn C. Meltzer, Radiology, University of Pittsburgh, Pittsburgh, PA*

**ABSTRACT 1459**

**FUNCTIONAL NEUROANATOMICAL CORRELATES OF EMOTIONAL AROUSAL DURING GRIEF**

*Mary-Frances O'Connor, Neuropsychiatric Institute, UCLA, Los Angeles, CA, Harald G. Nden, Institut und Poliklinik für Psychosomatische Medizin, TU München, München, Germany, Kateri McRae, Psychology, University of Arizona, Tucson, AZ, Lindsey Littrell, Psychiatry, UCSF, San Francisco, CA, Richard D. Lane, Psychiatry, University of Arizona, Tucson, AZ*

**ABSTRACT 1499****BRAIN-IMMUNE ASSOCIATION IN UNCONTROLLABLE STRESS: A PET STUDY**

Hideki Ohira, Tokiko Isowa, Psychology, Nagoya University, Nagoya, Japan, Michio Nomura, Psychology, Tokai Women's College, Kakamigahara, Japan, Naho Ichikawa, Kenta Kimura, Makoto Miyakoshi, Tetsuya Idaka, Psychology, Nagoya University, Nagoya, Japan, Seisuke Fukuyama, Radiology, Toshihiko Nakajima, Jitsuhiro Yamada, Neurosurgery, Kizawa Memorial Hospital, Minokamo, Japan

**ABSTRACT 1515****ROLE OF HISTAMINE IN BRAIN PROCESSING OF INTEROCEPTION**

Shin Fukudo, Michiko Kano, Toyohiro Hamaguchi, Behavioral Medicine, Tohoku University Graduate School of Medicine, Sendai, Japan, Masatoshi Itoh, Nuclear Medicine, Cyclotron Radioisotope Center, Tohoku University, Sendai, Japan, Kazuhiko Yanai, Pharmacology, Tohoku University Graduate School of Medicine, Sendai, Japan

**ABSTRACT 1316****VISCERAL DISCOMFORT IN IBS PATIENTS IS ASSOCIATED WITH ABNORMAL FUNCTIONAL CONNECTIVITY OF PERIAQUEDUCTAL GREY (PAG) WITH ANTERIOR CINGULATE (ACC) AND PREFRONTAL (PFC) CORTICES**

S. Berman, B.D. Naliboff, B.Y. Suyenobu, L. Chang, M. Mandelkern, E. A. Mayer, Center for Neurovisceral Sciences & Women's Health, BRI, Geffen School of Medicine, at UCLA and VA GLAHS, Los Angeles, CA

**Pavillion Ballroom D****PAPER SESSION: CARDIOVASCULAR MECHANISMS IN STRESS AND DISEASE**

**Chair:** Dr. Martica Hall

**ABSTRACT 1305****EFFECT OF APPLIED RELAXATION ON SOMATIC SYMPTOMS AND PSYCHOPHYSIOLOGICAL DETERMINANTS OF STRESS**

Maarit Gockel, Appraisal and Rehabilitation Department, Tapiola Pension, Espoo, Finland, M. Tuomisto, Psychology, University of Tampere, Tampere, Finland, H. Lindholm, Clinical Physiology, K. Rönönen, Occupational Health, M. Kivistö, Psychology, Finnish Institute of Occupational Health, Helsinki, Finland, H. Hurri, Rehabilitation, Centre Orton, Helsinki, Finland

**ABSTRACT 1450****TRAIT NEGATIVE AFFECT PREDICTS VARIATION IN CARDIAC AUTONOMIC FUNCTION**

M. E. Bleil, S. A. Neumann, Peter J. Gianaros, J. R. Jennings, S. B. Manuck, Pittsburgh, PA

**ABSTRACT 1275****STRESS-INDUCED BLOOD PRESSURE REACTIVITY AND COGNITIVE FUNCTION**

Shari R. Waldstein, Psychology, University of Maryland, Baltimore County, Baltimore, MD, Leslie I. Katzel, Medicine, University of Maryland School of Medicine, Baltimore, MD

**ABSTRACT 1163****MARITAL COHESION MODERATES THE ELEVATION OF AMBULATORY BLOOD PRESSURE DUE TO JOB STRAIN**

Brian Baker, Psychiatry, Sheldon W. Tobe, Nephrology, University of Toronto, Toronto, ON, Canada, Alexander Kiss, Institute of Clinical Evaluative Science, Sunnybrook and Women's, Toronto, ON, Canada, Susan Sainsbury, Nephrology, Sunnybrook and Women's, Toronto, ON, Canada

**ABSTRACT 1658****CARDIOVASCULAR REACTIVITY DURING NEGATIVE AND POSITIVE COUPLE INTERACTIONS**

Timothy W. Smith, Bert N. Uchino, Kathy Light, Angela Hicks, Rebecca Campo, Justin MacKenzie, Psychology, University of Utah, Salt Lake City, UT

**5:45 - 7:00pm**

**Junior Ballroom****POSTER SESSION II****112) ABSTRACT 1334****LONELINESS MEDIATES THE RELATION BETWEEN PERCEIVED STRESS AND ANXIETY AMONG PATIENTS WITH HEMATOLOGIC MALIGNANCIES**

Kevin T. Larkin, Psychology, Solveig G. Ericson, Oncology, Cara F. O'Connell, Brandie K. Taylor, Andria Doyle, Andrea K. Shreve-Neiger, Matthew Whited, Psychology, Charles Beall, Oncology, West Virginia University, Morgantown, WV

**113) ABSTRACT 1433****DEPRESSIVE SYMPTOMS PREDICT SURVIVAL FOLLOWING TREATMENT FOR HEMATOLOGIC MALIGNANCIES**

Kevin T. Larkin, Psychology, Solveig G. Ericson, Oncology, Cara F. O'Connell, Brandie K. Taylor, Andria Doyle, Andrea K. Shreve-Neiger, Matthew Whited, Psychology, Charles Beall, Oncology, West Virginia University, Morgantown, WV

**114) ABSTRACT 1368****PROBLEM AND EMOTION FOCUSED COPING IN MEN WITH PROSTATE CANCER: WIVES' INVOLVEMENT IN THEIR HUSBANDS' COPING**

Renn Upchurch, Deborah J. Wiebe, Cynthia A. Berg, Lindsey Bloor, Chester Bradstreet, Psychology, University of Utah, Salt Lake City, UT

**115) ABSTRACT 1698****ILLNESS INTRUSIVENESS AND ADJUSTMENT: THE BUFFERING ROLE OF THE SELF-SYSTEM IN PATIENTS WITH CANCER**

Marejka H. Shaevitz, Krista Reed, Katherine Fortenberry, Deborah Wiebe, Psychology, University of Utah, Salt Lake City, UT

**116) ABSTRACT 1281****STRESS-RELATED BENEFIT FINDING IN CANCER PATIENTS AND COMMUNITY RESIDENTS**

Aliza Weinrib, Psychology, University of Iowa, Iowa City, IA, Nan Rothrock, Center on Outcomes, Research & Education, Evanston Northwestern Healthcare, Evanston, IL, Erica Johnsen,

*Psychology, Barrie Anderson, Gynecologic Oncology, University of Iowa, Iowa City, IA, Joel Sorosky, OB-Gynecology, Hartford Hospital, Hartford, CT, Susan K. Lutgendorf, Psychology, University of Iowa, Iowa City, IA*

**117) ABSTRACT 1240**

**PREDICTORS OF SLEEP QUALITY IN OVARIAN CANCER PATIENTS**

*Derek G. Turesky, Susan Lutgendorf, Psychology, U. of Iowa, Iowa City, IA, Anil Sood, Gynecologic Oncology, MD Anderson, Houston, TX, Heena Maiseri, Psychology, U. of Iowa, Iowa City, IA, Joel Sorosky, OB-Gynecology, Hartford Hospital, Hartford, CT, Koen DeGeest, Barrie Anderson, Gynecologic Oncology, U. of Iowa, Iowa City, IA*

**118) ABSTRACT 1614**

**EVALUATING EXPRESSIVE WRITING AS A PRESURGICAL STRESS MANAGEMENT INTERVENTION FOR BREAST CANCER PATIENTS**

*Janet Sterner, Society, Human Development, and Health, Harvard School of Public Health, Boston, MA, M. David Low, Lemuel Moye, University of Texas School of Public Health, Houston, TX, Lorenzo Cohen, The University of Texas M. D. Anderson Cancer Center, Houston, TX*

**119) ABSTRACT 1159**

**THE EFFECT OF OPTIMISM ON DISTRESS AND CHANGE IN CA 125 AND PRELIMINARY SUPPORT FOR THE IMPORTANCE OF EDUCATION**

*Janet M. Sterner, Society, Human Development and Health, Harvard School of Public Health, Boston, MA, Carl A. de Moor, Psychiatry, Harvard Medical School, Boston, MA, Karen Basen-Engquist, Behavioral Science, The University of Texas, M.D. Anderson Cancer Center, Houston, TX, Andrzej Kudelka, Regional Medical and Research Specialists, Pfizer Oncology, Katonah, NY, Lorenzo Cohen, Behavioral Science, The University of Texas, M.D. Anderson Cancer Center, Houston, TX*

**120) ABSTRACT 1648**

**GENETIC COUNSELING IS LESS EFFECTIVE IN INCREASING KNOWLEDGE ABOUT GENETICS OF BREAST CANCER AMONG WOMEN WHO FEEL CONSTRAINED IN EXPRESSING THEIR BREAST CANCER CONCERNS**

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**121) ABSTRACT 1655**

**GENDER DIFFERENCES IN PROTECTIVE BUFFERING AMONG CANCER CAREGIVERS**

*Shelby L. Langer, Nick J. Hillyer, Karen L. Syrjala, Biobehavioral Sciences, Fred Hutchinson Cancer Research Center, Seattle, WA*

**122) ABSTRACT 1656**

**ELEVATED WORK-STRESS CORTISOL RESPONSES IN WOMEN AT FAMILIAL RISK FOR BREAST CANCER: PREDICTED BY INTRUSIONS ABOUT BREAST CANCER**

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**123) ABSTRACT 1283**

**INVESTIGATION ON RELIABILITY OF RECALLED SELF-REPORT ON HEADACHE USING ECOLOGICAL MOMENTARY ASSESSMENT TECHNIQUE**

*Hiroe Kikuchi, Kazuhiro Yoshiuchi, Psychosomatic Medicine, Kyoko Ohashi, Yoshiharu Yamamoto, Education, Hiroaki Kumano, Tomifusa Kuboki, Psychosomatic Medicine, The University of Tokyo, Bunkyo-ku, Tokyo, Japan*

**124) ABSTRACT 1706**

**MODERATORS OF THE BENEFITS OF CONSTRUCTIVE ANGER EXPRESSION IN CHRONIC PAIN PATIENTS**

*Jennifer E. Graham, Marci Lobel, Psychology, State University of New York at Stony Brook, Stony Brook, NY*

**125) ABSTRACT 1308**

**ALEXITHYMIA, PAIN, AND NEGATIVE AFFECT IN THREE CHRONIC PAIN SAMPLES: COMPARING CAUCASIANS AND AFRICAN AMERICANS**

*Christina A. Kraft, Mark Lumley, A. Radcliffe, D. Macklem, Psychology, A. Mosley-Williams, Internal Medicine, Wayne State University, Detroit, MI, J. Leisen, Medicine, Henry Ford Hospital, Detroit, MI, J. Huffman, Psychology, Wayne State University, Detroit, MI, P. DiSouza, M. Gillis, T. Meyer, L. Rapport, Psychology, Wayne State University, Detroit, MI*

**126) ABSTRACT 1599**

**MOOD CLARITY PREDICTS DAMPENED HEART RATE REACTIVITY DURING STRESS**

*Lisa M. Johnson, Mary C. Davis, Alex Zautra, Psychology, Arizona State University, Tempe, AZ*

**127) ABSTRACT 1481**

**DEPRESSIVE SYMPTOMS AND WAYS OF COPING IN PATIENTS WITH RHEUMATOID ARTHRITIS**

*Yu-Jin Lee, Psychiatry, Seoul Metropolitan Eunpyong Hospital, Seoul, Republic of Korea, Weonjeong Lim, Min Young Sim, Psychiatry, Ewha Womans University Dongdaemun Hospital, Seoul, Republic of Korea, Do-Un Jeong, psychiatry, Seoul National University Hospital, Seoul, Republic of Korea, Ji Soo Lee, Internal Medicine, Ewha Womans University Mokdong Hospital, Seoul, Republic of Korea*

**128) ABSTRACT 1694**

**PRELIMINARY EVIDENCE FOR DIFFERENCES IN COGNITIVE-AFFECTIVE LANGUAGE USE IN SUBGROUPS OF CHRONIC PAIN PATIENTS**

*Doerte U. Junghaenel, Psychology, Joan E. Broderick, Psychiatry, Stony Brook University, Stony Brook, NY*

**129) ABSTRACT 1353**

**REGULAR USE OF PRESCRIBED OPIOIDS: ASSOCIATION WITH COMMON PSYCHIATRIC DISORDERS IN A POPULATION-BASED SAMPLE**

Mark D. Sullivan, Psychiatry, University of Washington, Seattle, WA, Mark J. Edlund, Diane Steffick, Psychiatry, University of Arkansas, Little Rock, AR, Jurgen Unutzer, Psychiatry, University of Washington, Seattle, WA

**130) ABSTRACT 1177**

**HYPOACTIVITY OF VENTROMEDIAL PREFRONTAL CORTEX IN PATIENTS WITH SOMATOFORM PAIN DISORDER – A CONTROLLED FMRI STUDY**

Harald G. Nadel, Psychosomatic Medicine, Michael Valet, Neurology, Christian Sorg, Psychiatry and Psychotherapy, Till Sprenger, Neurology, Dorothea Huber, Psychosomatic Medicine, Technical University, M, nchen, Germany, Thomas T. Ull, Neurology, Technical University, M, nchen, Germany

**131) ABSTRACT 1097**

**HEART DISEASE RISK KNOWLEDGE IN SPANISH SPEAKERS WITH DIABETES: THE ROLE OF MEDICAL INTERPRETERS**

Julie A. Wagner, Gina Abbott, Behavioral Sciences, University of Connecticut Health Center, Farmington, CT

**132) ABSTRACT 1096**

**DIABETES, METFORMIN, & HISTORY OF DEPRESSION: ASSOCIATIONS WITH URINARY ALBUMIN IN WOMEN**

Julie A. Wagner, Behavioral Science, Howard A. Tennen, Community Medicine, University of Connecticut Health Center, Farmington, CT

**133) ABSTRACT 1321**

**MARITAL QUALITY AND DIABETES OUTCOMES OF IDEATEL, A TELEMEDICINE INTERVENTION FOR THE ELDERLY**

Paula M. Trief, Psychiatry, Philip C. Morin, Roberto Izquierdo, Medicine, SUNY Upstate Medical University, Syracuse, NY, Jeanne Teresi, Research, Hebrew Home for the Aged, New York, NY, Steven Shea, Epidemiology, Columbia University, New York, NY, Ruth S. Weinstock, Medicine, SUNY Upstate Medical Univ, Syracuse, NY

**134) ABSTRACT 1184**

**THE EFFECT OF COMPREHENSIVE LIFESTYLE CHANGES ON DIABETIC PATIENTS IN THE MULTISITE CARDIAC LIFESTYLE INTERVENTION PROGRAM (MCLIP)**

Michael D. Sumner, Gerdi Weidner, Preventive Medicine Research Institute, Sausalito, CA, Terri Merritt-Worden, Joli Studley, Highmark BCBS, Pittsburgh, PA, Ruth Marlin, Dean Ornish, Preventive Medicine Research Institute, Sausalito, CA

**135) ABSTRACT 1264**

**RACIAL AND ETHNIC DIFFERENCES IN DEPRESSION AND ANTIDEPRESSANT USE IN DIABETES**

Julie A. Wagner, Gina Abbott, Behavioral Sciences, University of Connecticut Health Center, Farmington, CT, Mary de Groot, Psychology, Ohio University, Athens, OH

**136) ABSTRACT 1652**

**PANIC SYMPTOMS AMONG PATIENTS WITH DIABETES**

Evette J. Ludman, Center for Health Studies, Group Health Cooperative, Seattle, WA, Wayne J. Katon, Psychiatry and Behavioral Sciences, Joan E. Russo, Psychiatry & Behavioral Sciences, Paul S. Ciechanowski, Psychiatry and Behavioral Sciences, University of Washington, Seattle, WA, Michael Von Korff, Gregory E. Simon, Elizabeth H. Lin, Terry Bush, Center for Health Studies, Group Health Cooperative, Seattle, WA

**137) ABSTRACT 1051**

**DULOXETINE FOR PATIENTS WITH DIABETIC NEUROPATHIC PAIN: A SIX-MONTH OPEN LABEL SAFETY STUDY**

Michael Robinson, Neuroscience, Eli Lilly and Company, Indianapolis, IN, Joel Raskin, Medical, Eli Lilly Canada, Scarborough, ON, Canada, Fujun Wang, Jeffrey W. Clemens, Neuroscience, Eli Lilly and Company, Indianapolis, IN

**138) ABSTRACT 1487**

**DEPRESSIVE SYMPTOMS AND WAYS OF COPING OF PATIENTS WITH DIABETES MELLITUS**

Min Young Sim, Weonjeong Lim, Psychiatry, Ewha Womans University Dongdaemun Hospital, Seoul, Republic of Korea, Young-Sun Hong, Internal Medicine, Ewha Womans University Mokdong Hospital, Seoul, Republic of Korea, Yu-Jin Lee, Psychiatry, Seoul Metropolitan Eunpyong Hospital, Seoul, Republic of Korea, Soo In Kim, Kyu-Wol Yun, Psychiatry, Ewha Womans University Dongdaemun Hospital, Seoul, Republic of Korea, Young Chul Kim, Psychiatry, Ewha Womans University Mokdong Hospital, Seoul, Republic of Korea, Haing-Won Woo, Psychiatry, Ewha Womans University Dongdaemun Hospital, Seoul, Republic of Korea

**139) ABSTRACT 1158**

**INCREASING UPPER DIGESTIVE SYMPTOM SEVERITY IN IBS PATIENTS IS ASSOCIATED WITH INCREASED PSYCHIATRIC DISTRESS: THE POLYSYMPOMATIC PATIENT**

Sarah Wessinger, Internal Medicine, Michael P. Jones, Gastroenterology, Northwestern University, Chicago, IL

**140) ABSTRACT 1119**

**COPING STRATEGIES AND INTERPERSONAL SUPPORT IN IRRITABLE BOWEL SYNDROME AND INFLAMMATORY BOWEL DISEASE**

Sarah Wessinger, Internal Medicine, Northwestern University, Chicago, IL, Michael D. Crowell, Gastroenterology, Mayo Clinic, Scottsdale, AZ, Michael P. Jones, Gastroenterology, Northwestern University, Chicago, IL

**141) ABSTRACT 1621**

**RECALL AND MOMENTARY ASSESSMENTS OF TWO SELF-REPORT ITEMS FROM THE CROHN'S DISEASE ACTIVITY INDEX (CDAI)**

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

**142) ABSTRACT 1109**

**MEASURING SOMATIZATION IN DIGESTIVE DISORDERS: MEASURES OF SOMATIZATION, SOMATOSENSORY AMPLIFICATION AND VISCERAL ANXIETY**

*Michael Williams, Internal Medicine, Kimberly Lovett, Gastroenterology, Northwestern University, Chicago, IL, Bruce D. Naliboff, Center for Neurovisceral Sciences, UCLA and VA-GLAHS, Los Angeles, CA, Michael P. Jones, Gastroenterology, Lisa Sharp, Family Medicine, Northwestern University, Chicago, IL*

**143) ABSTRACT 1278**

**AUTONOMIC AND PAIN RESPONSES IN TRADITIONAL CHINESE MEDICINE BASED IRRITABLE BOWEL SYNDROME SUBGROUPS**

*Kirsten Tillisch, Steven Tan, Emeran Mayer, Bruce Naliboff, Center for Neurovisceral Sciences, UCLA, Los Angeles, CA*

**144) ABSTRACT 1657**

**I DON'T WANT TO GO TO SCHOOL: PREDICTORS OF ABSENTEEISM AMONG CHILDREN OF MOTHERS WITH IRRITABLE BOWEL SYNDROME**

*Michelle D. Garner, Shelby Langer, Rona L. Levy, Social Work, University of Washington, Seattle, WA, Lynn S. Walker, School of Medicine, Vanderbilt University, Nashville, TN, William Whitehead, School of Medicine, University of North Carolina, Chapel Hill, NC*

**145) ABSTRACT 1404**

**PLACEBO EFFECTS ON GASTRIC MOTILITY & EARLIER RESULTS CAN ONLY PARTIALLY BE REPLICATED**

*Karin Meissner, Helmut Gluender, Ulla Mitzdorf, Medical Psychology, Ludwig-Maximilians-University, Munich, Germany*

**146) ABSTRACT 1396**

**THE FEATURES OF JAPANESE HIGH SCHOOL STUDENTS WITH IRRITABLE BOWEL SYNDROME (IBS)**

*Yuka Endo, Tomotaka Shoji, Kazuto Karahashi, Yasuhiro Sagami, Joe Morishita, Yuko Kimura, Atsushi Utsumi, Michio Hongo, Psychosomatic Medicine, Tohoku University Hospital, Sendai, Miyagi, Japan*

**147) ABSTRACT 1082**

**THE IMPACT OF MAJOR DEPRESSIVE DISORDER ON THE SHORT AND LONG-TERM OUTCOME OF CROHN'S DISEASE AFTER TREATMENT WITH ANTI-TNF-ALFA (INFLIXIMAB): A PROSPECTIVE STUDY**

*Philippe Persoons, Koen Demyttenaere, Benjamin Fischler, Joris Vandenberghe, Lukas Van Oudenhove, Liaison Psychiatry, Paul Rutgeerts, Gastroenterology, UZ Gasthuisberg, Katholieke Universiteit Leuven, Leuven, Belgium*

**148) ABSTRACT 1085**

**INFLUENCE OF ANXIOUS EMOTIONAL CONTEXT ON GASTRIC SENSORIMOTOR FUNCTION IN MEN**

*Lukas Van Oudenhove, Joris Vandenberghe, Psychiatry, UZ Gasthuisberg, KU Leuven, Leuven, Belgium, Brecht Geeraerts, Gastroenterology, UZ Gasthuisberg, Leuven, Belgium, Philippe Persoons, Koen Demyttenaere, Psychiatry, Jan Tack, Gastroenterology, UZ Gasthuisberg, KU Leuven, Leuven, Belgium, Lloyd J. Gregory, Qasim Aziz, GI Sciences, Hope Hospital, University of Manchester, Salford, UK*

**149) ABSTRACT 1055**

**CLINICAL COURSE OF INFLAMMATORY BOWEL DISEASES (IBD) PATIENTS WITH DEMAND FOR PSYCHOTHERAPY: A 30-MONTH FOLLOW UP STUDY**

*G Moser, W Miehsler, Internal Medicine IV, Medical University of Vienna, Vienna, Austria*

**150) ABSTRACT 1548**

**THE ROLE OF STRESS IN SELF-REPORTED IRRITABLE BOWEL SYMPTOMS**

*Urs M. Nater, Kerstin Suarez, Katharina Pinnekamp, Ulrike Ehlert, Clinical Psychology & Psychotherapy, University of Zurich, Zurich, Switzerland*

**151) ABSTRACT 1254**

**HIGHER TRAIT ANXIETY INDUCES ENDOTHELIAL DYSFUNCTION BY INCREASING SYMPATHETIC TONE**

*Kosuke Narita, Tetsuhito Murata, Neuropsychiatry, Tosihiko Hamada, Clinical and Laboratory, Tetsuya Takahashi, Masao Omori, Yuji Wada, Neuropsychiatry, Fukui Medical University, Matuoka, Fukui, Japan*

**152) ABSTRACT 1279**

**MEDICAL DOCTORS' HEALTH BEHAVIORS MODERATE THE STRESSOR-STRAIN RELATIONSHIP**

*Georgia Pomaki, Psychology, University of British Columbia, Vancouver, BC, Canada, Abas Supeli, Chris Verhoeven, Psychology, Leiden University, Leiden, The Netherlands*

**153) ABSTRACT 1100**

**IMPACT OF WILLIAMS LIFESKILLS TRAINING ON BLOOD PRESSURE IN ADOLESCENTS**

*Vernon A. Barnes, Georgia Prevention Institute, Pediatrics, Medical College of Georgia, Augusta, GA, Virginia P. Williams, Williams LifeSkills, Inc., Durham, NC, Redford B. Williams, Behavioral Medicine Research Center, Duke Univ Med Center, Durham, NC*

**154) ABSTRACT 1309**

**THE RELATIONSHIP BETWEEN ADULT ATTACHMENT STYLE AND STRESS MEASURED SUBJECTIVELY AND OBJECTIVELY**

*Robert G. Maunder, William J. Lancee, Robert P. Nolan, Jonathan J. Hunter, Psychiatry, David W. Tannenbaum, Family Medicine, University of Toronto, Toronto, ON, Canada*

**155) ABSTRACT 1050**

**INTELLIGENCE IN YOUNG ADULTHOOD AND SURVIVAL. A PROSPECTIVE COHORT STUDY**

*Laust H. Mortensen, Morten Gronbaek, Center for Alcohol Research, National Institute of Public Health, Copenhagen, Denmark, Thorkild I. Sorensen, Danish Epidemiology Science, Copenhagen University Hospital, Copenhagen, Denmark*

**156) ABSTRACT 1341**

**PLACEBO EFFECTS IN HEALTH CARE INTERACTIONS: A SYSTEMATIC REVIEW**

*Zelda Di Blasi, Health Psychology, Univ of California San Francisco, San Francisco, CA, Elaine Harkness, Ernst Edzard, Complementary Medicine, Univ of Exeter, Exeter, Devon, UK, Jos Kleijnen, Center for Reviews and Dissemination, Univ of York, York, UK*

**157) ABSTRACT 1476**

**GOAL ACTIVATION, EXPECTATIONS, AND THE PLACEBO EFFECT**

*Andrew L. Geers, Psychology, University of Toledo, Toledo, OH, Suzanne G. Helfer, Psychology, Adrian College, Adrian, MI, Kristin Kosbab, Paul Weiland, Justin Wellman, Sarah Landry, Psychology, University of Toledo, Toledo, OH*

**158) ABSTRACT 1247**

**WHICH MEASURES OF OBESITY ARE RELATED TO DEPRESSIVE SYMPTOMS AND IN WHOM?**

*Weonjeong Lim, Wayne A. Bardwell, KaMala S. Thomas, Psychiatry, University of California at San Diego, La Jolla, CA, Joel E. Dimsdale, Psychiatry, University of California San Diego, La Jolla, CA*

**159) ABSTRACT 1362**

**COMMUNION AND UNMITIGATED AGENCY MODERATE DIURNAL CORTISOL RESPONSE TO ABRASIVE SOCIAL INTERACTIONS**

*Ekin Blackwell, Gregory E. Miller, Psychology, University of British Columbia, Vancouver, BC, Canada, Cinnamon A. Stetler, Psychology, University of British Columbia, Vancouver, BC, Canada*

**160) ABSTRACT 1245**

**MASSIVELY MULTIPLAYER ONLINE ROLE-PLAYING GAMES [MMORPGS], REPORTED HEALTH, AND SOCIAL BEHAVIOR**

*Joshua M. Smyth, Psychology, Syracuse University, Syracuse, NY*

**161) ABSTRACT 1367**

**GENDER AND STRESS: DIFFERENTIAL REACTIVITY UPON REEXPOSURE TO A LAB STRESSOR**

*Brian J. Schmaus, Virginia M. Boquiren, Clinical Psychology, Rosalind Franklin University of Medicine and Science, North Chicago, IL, Noelle Pontarelli, Clinical Psychology, Rosalind Franklin University of Medicine and Science, North Chicago, Illinois, Michele Herzer, Kimberly K. Laubmeier, Sandra G. Zakowski, Clinical Psychology, Rosalind Franklin University of Medicine and Science, North Chicago, IL*

**162) ABSTRACT 1417**

**THE EFFECTS OF SMOKING AND BMI ON EMOTIONAL WELL-BEING, READINESS FOR CHANGE AND EFFICACY FOR CHANGE**

*Susan M. Barry-Bianchi, Behavioural Cardiology, University Health Network, Toronto, QC, Canada, Kimberly M. Corace, Psychology, York University, Toronto, ON, Canada, Robert P. Nolan, Behavioural Cardiology, University Health Network, Toronto, ON, Canada*

**163) ABSTRACT 1020**

**EVALUATING CONTRIBUTION OF PSYCHOSOCIAL RESOURCES AND VULNERABILITIES TO SOCIOECONOMIC STRATIFICATION OF SELF-RATED HEALTH**

*Steven D. Barger, Psychology, Northern Arizona University, Flagstaff, AZ*

**164) ABSTRACT 1376**

**STRESS ON THE DANCE FLOOR: CORTISOL STRESS RESPONSES IN BALLROOM DANCERS AND THE SOCIAL SELF-PRESERVATION THEORY**

*Clemens Kirschbaum, Psychology, Technical University of Dresden, Dresden, Germany, Silke Beulen, Psychology, University of Duesseldorf, Duesseldorf, Germany, Nicolas Rohleder, Jutta Wolf, Psychology, Technical University of Dresden, Dresden, Germany, Edith Chen, Psychology, University of British Columbia, Vancouver, BC, Canada*

**165) ABSTRACT 1229**

**AGE-DEPENDENT CHANGES IN NF-KAPPAB BINDING ACTIVITY IN RESPONSE TO ACUTE PSYCHOSOCIAL STRESS**

*Jutta M. Wolf, Nicolas Rohleder, Biopsychology, TU Dresden, Dresden, Germany, Angelika Bierhaus, Peter P. Nawroth, Department of Medicine I, University of Heidelberg, Heidelberg, Germany, Clemens Kirschbaum, Biopsychology, TU Dresden, Dresden, Germany*

**166) ABSTRACT 1485**

**THE ROLE OF SELF-SILENCING IN MEDICALLY UNEXPLAINED SYMPTOMS, STRESSOR ATTRIBUTION, AND ILLNESS BEHAVIOR FOR WOMEN**

*Alicia L. Glass, Alison J. Smith, Psychology, University of Western Sydney, Sydney, NSW, Australia*

**167) ABSTRACT 1244**

**CPAP BUT NOT OXYGEN TREATMENT OF SLEEP APNEA IMPROVES CARDIAC CONTRACTILITY TO STRESS**

*Richard A. Nelesen, Psychiatry, University of California San Diego, La Jolla, CA, Jose S. Loreda, Medicine, University of California, San Diego, La Jolla, CA, Joel E. Dimsdale, Psychiatry, University of California San Diego, La Jolla, CA*

**168) ABSTRACT 1678**

**HIGHER PERINATAL CORTICOSTEROIDS EXPOSURE ASSOCIATED WITH NEONATAL STRESSORS, SEPSIS AND CHILDHOOD INTERNALIZING BEHAVIORS**

*Isabell B. Purdy, Neonatology & Developmental Biology, David Geffen School of Medicine at UCLA, Los Angeles, CA, Dorothy J. Wiley, Nursing, UCLA School of Nursing, Los Angeles, CA, Lynne M. Smith, Pediatrics, David Geffen School of Medicine at UCLA, Torrance, CA*

**169) ABSTRACT 1664**

**EFFECT OF TANDOSPIRONE ON PSYCHOGENIC FEVER**

*Takakazu Oka, Yuko Kaneda, Masaki Takenaga, Sota Hayashida, Yoko Tamagawa, Naoki Kodama, Division of Psychosomatic Medicine, Neurology, Sadatoshi Tsuji, Neurology, University of Occupational and Environmental Health, Kitakyushu, Japan*

**170) ABSTRACT 1081**

**SELECTIVE PROCESSING OF PAIN-RELATED WORD STIMULI IN SUBCLINICAL DEPRESSION DURING LEXICAL DECISION AND RECOGNITION TASKS: AN EVENT-RELATED POTENTIALS STUDY**

*Christoph Nikendei, Internal Medicine, University of Heidelberg, Heidelberg, Germany, Wilhelm Dengler, Georg Wiedemann, Psychiatry, University of Tübingen, Tübingen, Germany, Paul Pauli, Psychology, University of Würzburg, Würzburg, Germany*

**171) ABSTRACT 1556**

**PSYCHOLOGICAL DISTRESS IN MARFAN SYNDROME**

*Svend Rand-Hendriksen, Irene Sorensen, TRS National Resource Center for Rare Disorders, Sunnaas Rehabilitation Hospital, Nesoddtangen, Norway, Arnstein Finset, Behavioral Sciences in Medicine, University of Oslo, Oslo, Norway*

**172) ABSTRACT 1555**

**DIFFERENCES IN PSYCHOSOCIAL CARE BY GENERAL PRACTITIONERS BETWEEN YOUNGER AND ELDER PEOPLE**

*Kurt Fritzsche, Psychosomatic Medicine and Psychotherapy, University of Freiburg, Freiburg, Germany*

**173) ABSTRACT 1553**

**SOCIOECONOMIC STATUS AND ORAL PATHOGENIC LOAD**

*Deborah E. Polk, Behavioral Sciences, Robert J. Weyant, Dental Public Health, University of Pittsburgh School of Dental Medicine, Pittsburgh, PA, Daniel W. McNeil, Psychology, Richard J. Crout, Periodontics, John G. Thomas, Pathology, West Virginia University, Morgantown, WV, Mary L. Marazita, Oral Biology, University of Pittsburgh School of Dental Medicine, Pittsburgh, PA*

**174) ABSTRACT 1091**

**RANDOMIZED PLACEBO CONTROLLED TRIAL OF A SELECTIVE SEROTONIN REUPTAKE INHIBITOR IN THE TREATMENT OF TINNITUS**

*Shannon K. Robinson, Psychiatry, University of California San Diego, San Diego, CA, Erik S. Viirre, Surgery-Otolaryngology, Murray B. Stein, Psychiatry, University of California San Diego, La Jolla, CA*

**175) ABSTRACT 1454**

**A BEHAVIORAL PRACTICE, TAI CHI CHIH, INDUCES ACUTE DECREASES IN SYMPATHETIC NERVOUS SYSTEM ACTIVATION IN OLDER ADULTS**

*Sarosh J. Motivala, Michael R. Irwin, Cousins Center for Psychoneuroimmunology, Psychiatry, UCLA Neuropsychiatric Institute, Los Angeles, CA*

**176) ABSTRACT 1471**

**SLEEP DURING PREGNANCY IS LINKED TO IMMUNE AND ENDOCRINE ALTERATIONS**

*Michele L. Okun, Mary E. Coussons-Read, Health and Behavioral Sciences & Psychology, University of Colorado Denver, Denver, CO*

**177) ABSTRACT 1465**

**THE EFFECT OF CBT, POSITIVE AFFECT AND NEGATIVE AFFECT ON EXACERBATION IN MULTIPLE SCLEROSIS**

*David C. Mohr, Stacey Hart, Claudine Catledge, Lea Vella, Psychiatry, University of California, San Francisco, CA*

**178) ABSTRACT 1372**

**MACROPHAGE MIGRATION INHIBITORY FACTOR AND EXHAUSTION**

*Martijn Kwaijtaal, Medical Microbiology, Rob van Diest, Psychiatry, Ad Appels, Medical Psychology, Maastricht University, Maastricht, Limburg, The Netherlands*

**179) ABSTRACT 1189**

**EASTERN COLLABORATIVE GROUP STUDY: FOLLOW-UP EXPERIENCE OF 9 YEARS**

*Reiko Hori, Health & Psychosocial Medicine, Aichi Medical University School of Medicine, Aichi, Aichi, Japan, Junichiro Hayano, Nagoya City University, Nagoya, Japan, Kazuhiro Kimura, Koga, Shiga, Japan, Hirokazu Monou, Psychosomatic Medicine, Fukushima Rosai Hospital, Iwaki, Fukushima, Japan, Fumio Kobayashi, Health & Psychosocial Medicine, Aichi Medical University School of Medicine, Aichi, Aichi, Japan*

**180) ABSTRACT 1160**

**IS DEPRESSION FOLLOWING MYOCARDIAL INFARCTION AN INDEPENDENT RISK FACTOR FOR MORTALITY AND CARDIAC EVENTS? A META-ANALYSIS OF THE OBSERVATIONAL EVIDENCE**

*Deirdre Lane, Rod S. Taylor, Gregory Y. Lip, Douglas Carroll, Cardiovascular Psychophysiology Unit, University of Birmingham, Birmingham, UK*

**181) ABSTRACT 1122**

**BIOPSYCHOSOCIAL PREDICTORS OF MOTIVATIONAL READINESS TO CHANGE LIFESTYLE IN INDIVIDUALS AT RISK FOR HEART DISEASE**

*S. Macrodimitris, Psychology, York University, Toronto, ON, Canada, R. Nolan, Behavioural Cardiology, University Health Network, Toronto, ON, Canada, K. Trobst, Psychology, York University, Toronto, ON, Canada, S. Barry-Bianchi, Behavioural Cardiology, University Health Network, Toronto, ON, Canada, K. Corace, Psychology, York University, Toronto, ON, Canada*

**182) ABSTRACT 1219**

**GENDER SPECIFIC PREDICTORS OF FUNCTIONAL IMPAIRMENT ONE YEAR AFTER BYPASS SURGERY**

*Wolfgang Linden, Psychology, University of British Columbia, Vancouver, B.C., Canada, Andrea H. Con, Counseling Psychology, University of Calgary, Calgary, AB, Canada, Darcy Hallett, Psychology, University of British Columbia, Vancouver, Canada, Andrew Ignaszewski, Cardiology, University of British Columbia, Vancouver, BC, Canada*

**183) ABSTRACT 1365**

**PERSONALITY AND ADJUSTMENT TO ATRIAL FIBRILLATION**

*Lephuong Ong, Jane Irvine, Psychology, York University, Toronto, ON, Canada, Louise Harris, Cardiology, Toronto General Hospital, Toronto, ON, Canada, Paul Dorian, Cardiology, St. Michael's Hospital, Toronto, ON, Canada, Robert Nolan, Behavioral Cardiology, Toronto General Hospital, Toronto, ON, Canada, Robert Cribbie, Psychology, York University, Toronto, ON, Canada, David Newman, Iqwal Mangat, Cardiology, St. Michael's Hospital, Toronto, ON, Canada*

**184) ABSTRACT 1374**

**ACUTE STRESS AND THE PERCEPTION OF HEART SYMPTOMS IN PATIENTS WITH CONGENITAL HEART DISEASE**

*Petra A. Karsdorp, Merel Kindt, Simon Rietveld, Department of Psychology, Barbara J.M. Mulder, Department of Cardiology, University of Amsterdam, Amsterdam, The Netherlands*

**185) ABSTRACT 1681**

**IMPACT OF ROMANTIC PARTNER REPRESENTATIONS ON STRESS REACTIVITY**

*Angela M. Hicks, Psychology, University of Utah, Salt Lake City, UT*

**186) ABSTRACT 1679**

**EFFECTS OF OMEGA-3 FATTY ACIDS ON BP RESPONSES TO STRESS, C-REACTIVE PROTEIN, AND LDL-CHOLESTEROL**

*Sheila G. West, Andrea Likos Krick, Biobehavioral Health, Guixiang Zhao, Matthew McGuinness, Penny Kris-Etherton, Nutritional Sciences, Pennsylvania State University, University Park, PA*

**187) ABSTRACT 1659**

**ARE DEPRESSIVE SYMPTOMS AND SOMATIC FACTORS ASSOCIATED WITH LENGTH OF HOSPITALIZATION IN INDIVIDUALS WITH CONGESTIVE HEART FAILURE?**

*Manan Patel, Psychiatry, UMDNJ-RWJMS, New Brunswick, NJ, Ranjith Penna, Psychiatry, UMDNJ-RWJMS, New, NJ, Ajay Nemander, Thomas Hildebrandt, Lynn Clemow, Christine Skotzko, Psychiatry, UMDNJ-RWJMS, New Brunswick, NJ*

**188) ABSTRACT 1643**

**ABSENCE OF EFFECT OF DEPRESSION SYMPTOM SEVERITY ON SURVIVAL IN PATIENTS WITH SEVERE, CHRONIC HEART FAILURE: FINDINGS FROM THE REMATCH TRIAL**

*Peter A. Shapiro, Psychiatry, Alan D. Weinberg, Biostatistics, for the REMATCH Investigators, INCHOIR Center, Columbia University, New York, NY*

**189) ABSTRACT 1633**

**PHYSICAL ACTIVITY IS RELATED TO AUTONOMIC CARDIAC FUNCTION**

*Jennifer E. Phillips, Serina A. Neumann, Psychology, J. Richard Jennings, Psychiatry, Matthew F. Muldoon, Clinical Pharmacology, Janine D. Flory, Stephen B. Manuck, Psychology, University of Pittsburgh, Pittsburgh, PA*

**190) ABSTRACT 1491**

**PSYCHOLOGICAL STATUS AND COPING PROCESSES FOLLOWING FIRST CARDIAC EVENTS: THE ROLE OF GENDER AND AGE**

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**191) ABSTRACT 1490**

**GENDER DIFFERENCES IN COPING WITH THE THREATS OF MEDICAL DEVICES: RESULTS FROM THE EXTENED LICAD (LIVING WITH AN IMPLANTED CARDIOVERTER DEFIBRILLATOR) STUDY**

*Karl H. Ladwig, Psychosomatic Medicine Department, Jens J. Baumert, Psychosomatic Medicine Department, Technical University of Munich, Munich, Germany, Claus Schmitt, Electrophysiology, German Heart Center Munich, Munich, Germany*

**192) ABSTRACT 1430**

**A META-ANALYTIC REVIEW OF ASSOCIATIONS BETWEEN ANGER, ANXIETY, DEPRESSION, HOSTILITY AND CARDIOVASCULAR RECOVERY FROM STRESS**

*Hsin-hua Lin, Jianping Zhang, Psychology, Indiana Univerty Purdue University Indianapolis, Indianapolis, IN*

**193) ABSTRACT 1426**

**PSYCHOSOCIAL ASPECTS IN RISK STRATIFICATION OF CHRONIC HEART FAILURE**

*Thomas M. Iler-Tasch, Dieter Schellberg, Dept. of General Internal and Psychosomatic Medicine, Christian Zugck, Dept. of Cardiology, Georg Raupp, Wolfgang Herzog, Jana J. nger, Dept. of General Internal and Psychosomatic Medicine, Medical University Hospital, Heidelberg, Germany, Markus Haass, Dept. of Cardiology, Theresienkrankenhaus, Mannheim, Germany*

**194) ABSTRACT 1441**

**INSIGHT INTO THE RECRUITMENT EXPERIENCE OF AFRICAN-AMERICAN PARTICIPANTS IN A BEHAVIORAL CLINICAL TRIAL**

*Cheryl S. Rucker-Whitaker, Lynda H. Powell, Daniel P. Gibson, Diane L. Downs, Glenda Kravitz, Preventive Medicine, Rush University Medical Center, Chicago, IL*

**195) ABSTRACT 1350**

**A POPULATION-BASED CARDIOVASCULAR SCREENING MODEL USING RISK ASSESSMENT SURVEYS, FOLLOWED BY BLOOD ASSESSMENT OF AN INFLAMMATORY MEDIATOR, HS-CRP, AMONG HIGH-RISK INDIVIDUALS**

*Bruce Nelson, Community Services, Glendale Adventist Medical Center, Glendale, CA, Lee S. Berk, HPRO & Pathology, Loma Linda University, Loma Linda, CA, Sally F. Shaw, Community Services, Joseph Bornheimer, Lee Allen, Cardiology, Glendale Adventist Medical Center, Glendale, CA, James Westengard, Pathology, Edward Fujimoto, Health Promotion and Education, Loma Linda University, Loma Linda, CA*

**196) ABSTRACT 1384**

**DEPRESSIVE COGNITIONS IN PATIENTS WITH CORONARY ARTERY DISEASE**

*Liesje Martens, Johan Denollet, Medical Psychology, Tilburg University, Tilburg, The Netherlands, Ad Appels, Psychology, Maastricht University, Maastricht, The Netherlands*

**197) ABSTRACT 1224**

**DIFFERENT CONTRIBUTION OF PROINFLAMMATORY AND CORTISOL ACTIVITY TO TOTAL PLASMA FIBRIN CONCENTRATION AND TO ACUTE MENTAL STRESS-INDUCED FIBRIN FORMATION**

*Roland von Kanel, General Internal Medicine, University Hospital, Berne, Switzerland, Brigitte M. Kudielka, Daniel Preckel, Lilian Zraggen, Katharina Mischler, Dirk Hanebuth, Joachim E. Fischer, Behavioral Sciences, Federal Institute of Technology, Zurich, Switzerland*

**198) ABSTRACT 1168**

**ALZHEIMER CAREGIVING DISTRESS AND AGE INTERACT IN PREDICTING PROINFLAMMATORY AND PROCOAGULANT ACTIVITY**

*Roland von Kanel, General Internal Medicine, University Hospital, Berne, Switzerland, Joel E. Dimsdale, Paul J. Mills, Thomas L. Patterson, Sonia Ancoli-Israel, Igor Grant, Psychiatry, University of California San Diego, La Jolla, CA*

**199) ABSTRACT 1167**

**PSYCHOSOCIAL FACTORS PREDICT EXAGGERATED PLATELET REACTIVITY TO ACUTE MENTAL STRESS IN ALZHEIMER CAREGIVERS**

*Roland von Kanel, Paul J. Mills, Karen A. Adler, Joel E. Dimsdale, Thomas L. Patterson, Sonia Ancoli-Israel, Igor Grant, Psychiatry, University of California San Diego, La Jolla, CA*

**200) ABSTRACT 1354**

**COMPLIANCE IN HEART FAILURE PATIENTS WITH OBSTRUCTIVE SLEEP APNEA**

*Laura S. Redwine, Christina Kushner, Nancy Gardetto, Rosemary Cremona, Alan Maisel, Medicine, Univ of California, San Diego, CA*

**201) ABSTRACT 1010**

**CARDIOVASCULAR (CV) SYMPTOMS IN CAD PATIENTS ARE CORRELATED PRIMARILY WITH EMOTIONAL DISTRESS (ED), & ONLY SECONDARILY WITH TRADITIONAL RISK FACTORS**

*Mark W. Ketterer, Walter Knysz, Behavioral Health, Steven J. Keteyian, Sanjay Khanal, John Schairer, Adam Greenbaum, Mohsin Alam, Amjad Farha, Internal Medicine, Henry Ford Hospital/Wayne State University, Detroit, MI*

**202) ABSTRACT 1319**

**REDUCED VAGAL-RELATED INDICES OF HEART RATE VARIABILITY DURING NOCTURNAL AWAKE AND SLEEP IN ALCOHOL DEPENDENCE**

*Michael R. Irwin, Edwin Valladares, Sarosh Motivala, Ivonne Chand, Cousins Center for Psychoneuroimmunology, Psychiatry, UCLA Neuropsychiatric Institute, Los Angeles, CA, Julian F. Thayer, Laboratory of Personality and Cognition, National Institute of Aging, Baltimore, MD*

**203) ABSTRACT 1304**

**FACETS OF THE OPENNESS TO EXPERIENCE DOMAIN PREDICT CARDIAC DEATH AND ALL-CAUSE MORTALITY**

*Charles R. Jonassaint, Psychology, Duke University, Durham, NC, Stephen H. Boyle, Psychiatry, Redford B. Williams, Medicine and Psychiatry, Ilene C. Siegler, John C. Barefoot, Psychiatry, Duke University Medical Center, Durham, NC*

**204) ABSTRACT 1288**

**EFFORT-REWARD-IMBALANCE / OVERCOMMITMENT AND THEIR RELATION TO ALLOSTATIC LOAD**

*Daniel Preckel, Michael Meinel, Dirk Hanebuth, Brigitte M. Kudielka, Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland, Roland von Kanel, Psychosomatic Medicine, University Hospital, Bern, Switzerland, Joachim E. Fischer, Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland*

**205) ABSTRACT 1286**

**MOOD RECOVERY IN PATIENTS WITH DEPRESSION: IMPLICATIONS FOR CARDIOVASCULAR RISK FACTORS**

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

**206) ABSTRACT 1276**

**IMPROVING PREVENTION AND REHABILITATION OF CARDIAC DISEASE: IMPLICATIONS FROM TESTING TWO THEORIES PREDICTING NUTRITION AND PHYSICAL ACTIVITY**

*Sonia Lippke, Centre for Health Promotion Studies, University of Alberta, Edmonton, AB, CA, Ronald C. Plotnikoff, Faculty of Physical Education, University of Alberta, Edmonton, AB, Canada, Nicholas J. Birkett, Epidemiology and Community Medicine, University of Ottawa, Ottawa, ON, Canada, Stephen B. Hotz*

**207) ABSTRACT 1273**

**WHO SLEEPS WELL?: PSYCHOSOCIAL CHARACTERISTICS OF SLEEPERS AT LOW RISK FOR CARDIOVASCULAR DISEASE**

*Jane F. Owens, Karen A. Matthews, Psychiatry, U of Pittsburgh, Pittsburgh, PA*

**208) ABSTRACT 1410**

**ISCHEMIA, CHEST PAIN AND PSYCHIATRIC MORBIDITY IN PATIENTS REFERRED FOR EXERCISE STRESS TESTING**

*K. L. Lavoie, S. L. Bacon, Nuclear Medicine, Montreal Heart Institute, Hopital du Sacre-Coeur, McGill University, Montreal, QC, Canada, R. Fleet, Nuclear Medicine, Montreal Heart Institute, Montreal, QC, Canada, B. Ditto, Psychology, McGill University, Montreal, QC, Canada, B. Meloche, A. Arsenault, Nuclear Medicine, Montreal Heart Institute, Montreal, QC, Canada*

**209) ABSTRACT 1637**

**EFFECTS OF YOHIMBINE CHALLENGE ON SALIVARY ALPHA-AMYLASE SECRETION**

*Ulrike Ehler, Katja Erni, Clinical Psychology & Psychotherapy, University of Zurich, Zurich, Switzerland, Gundula Hebisch, Ultrasound & Obstetrics, Gynossuisse, Uster, Switzerland, Urs M. Nater, Clinical Psychology & Psychotherapy, University of Zurich, Zurich, Switzerland*

**210) ABSTRACT 1371**

**HOW STABLE ARE CORTISOL LEVELS IN THE MORNING ACROSS ONE WEEK?**

*Brigitte M. Kudielka, Department of Psychobiology, University of Trier, Trier, Germany, Susanne Helfricht, Dirk Hanebuth, Pia-Maria Wippert, Institute for Behavioural Sciences (IFV), Swiss Federal Institute of Technology Zurich, Zurich, Switzerland, Dirk Hagemann, Department of Psychophysiology and Personality, University of Trier, Trier, Germany, Joachim E. Fischer, Institute for Behavioural Sciences (IFV), Swiss Federal Institute of Technology Zurich, Zurich, Switzerland*

**211) ABSTRACT 1298**

**REDUCED HABITUATION OF FREE CORTISOL RESPONSES TO REPEATED ACUTE MENTAL STRESS IN VITAL EXHAUSTION**

*Brigitte M. Kudielka, Department of Psychobiology, University of Trier, Trier, Germany, Roland von Kanel, Department of General Internal Medicine, University Hospital Berne, Berne, Switzerland, Daniel Preckel, Lilian Zraggen, Katharina Mischler, Joachim E. Fischer, Institute for Behavioural Sciences (IFV), Swiss Federal Institute of Technology Zurich, Zurich, Switzerland*

**212) ABSTRACT 1336**

**A META-ANALYSIS OF THE AWAKENING CORTISOL RESPONSE AND ITS RELATIONSHIP TO TIME OF WAKING**

*Philip D. Evans, Angela Clow, Psychology, University of Westminster, London, UK, Frank H. Hucklebridge, Human and Health Sciences, University of Westminster, London, UK, Julian Lai, Applied Social Studies, City University of Hong Kong, Kowloon, Hong Kong*

**213) ABSTRACT 1125**

**REPRESSIVE COPING STYLE AND HPA AXIS HABITUATION**

*Simone Kern, Clemens Kirschbaum, Biological Psychology, Technical University Dresden, Dresden, Germany, Richard J. Davidson, Psychology, University of Wisconsin - Madison, Madison, WI*

**214) ABSTRACT 1588**

**SECURE ATTACHMENT STYLE MAY PROTECT AGAINST DEVELOPMENT OF PTSD SYMPTOMS IN WOMEN WITH PRIOR CHILDHOOD MALTREATMENT**

*Paul S. Ciechanowski, Joan E. Russo, Edward A. Walker, Wayne J. Katon, Psychiatry & Behavioral Sciences, University of Washington, Seattle, WA*

**215) ABSTRACT 1463**

**THE CAPACITY TO RELY ON OTHERS: ATTACHMENT STYLES AND PERCEIVED SOCIAL SUPPORTS IN PATIENTS WITH DIABETES**

*Paul S. Ciechanowski, Joan E. Russo, Wayne J. Katon, Psychiatry & Behavioral Sciences, University of Washington, Seattle, WA*

**216) ABSTRACT 1272**

**DEVELOPMENT OF THE RUMINATION QUESTIONNAIRE FROM THE MMPI**

*Joshua R. Dyer, Jianping Zhang, Psychology, Indiana University Purdue University Indianapolis, Indianapolis, IN*

**217) ABSTRACT 1439**

**THE EFFECTS OF COMPETITION ON CARDIOVASCULAR REACTIVITY AND PERFORMANCE**

*Michael M. Roy, Psychology, University of California, San Diego, La Jolla, CA, Peter Dirksing, Psychology, University of California San Diego, La Jolla, CA, Nicholas J. Christenfeld, Psychology, University of California, San Diego, La Jolla, CA*

**218) ABSTRACT 1514**

**CLASSROOM SOCIAL STATUS INFLUENCES THE CORTISOL AWAKENING RESPONSE IN 10-12 YEAR-OLD CHILDREN**

*Judith G. Rosmalen, Albertine J. Oldehinkel, Rene Veenstra, Psychiatry, University of Groningen, Groningen, The Netherlands, Frank C. Verhulst, Child and Adolescent Psychiatry, Erasmus Medical Center Rotterdam, Rotterdam, The Netherlands, Johan Ormel, Psychiatry, University of Groningen, Groningen, The Netherlands*

**219) ABSTRACT 1287**

**VALIDATION OF A SCALE ASSESSING SOCIAL SUPPORT LEADERSHIP BEHAVIOR IN THE INDUSTRIAL CONTEXT**

*Thorsten Scherf, Institute of Behavioral Sciences, Jan C. Schuller, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland, Dirk Hagemann, FBI-Psychology, University of Trier, Trier, Germany, Dirk Hanebuth, Institute of Behavioral Science, Joachim E. Fischer, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland*

**6:00 - 9:00pm**

**Parksville Room**

**COUNCIL MEETING**

# Saturday, March 5, 2005

7:30 - 9:00am

Port McNeill Room

2006 PROGRAM COMMITTEE BREAKFAST MEETING

8:30 - 9:00am

Pavillion Ballroom Foyer

CONTINENTAL BREAKFAST

9:00 - 9:50am

Pavillion Ballroom

PRESIDENT'S ADDRESS

Dr. Nancy Frasura-Smith, President, APS

**THE PERPLEXING PUZZLE OF DEPRESSION IN CORONARY ARTERY DISEASE**

*Objectives: 1. To know that depression is approximately three times as common in patients hospitalized for acute coronary syndromes as in the general community; 2. To be familiar with the evidence of an association between depression and poor prognosis in CAD patients; 3. To understand hypothetical mechanisms explaining the links between depression and cardiac disease.*

Introducing Dr. Frasura-Smith will be Dr. Richard Lane, APS President-Elect

10:00 - 10:50am

Pavillion Ballroom

ALVIN P. SHAPIRO AWARD LECTURE

**A NEW LOOK AT THE ROLE OF STRESS AND THE CENTRAL NERVOUS SYSTEM IN ASTHMA**

Dr. William Busse, University of Wisconsin Hospital and Clinics, Madison, WI

Asthma is characterized as a chronic inflammatory disease of the airways. Many factors play a role both in the initiation and perpetuation of this disease including respiratory infections, airborne allergens, and, possibly, stress. The allergic processes involved in the development of asthma, and inflammation, are generally well understood and include an imbalance between Th1 and Th2 cytokines, i.e., protective versus allergic processes. At the present, it is suggested that one of the features in the development of asthma is an imbalance in the cytokine regulatory process with an over-expression of Th2 cytokines that then leads to the development of allergic sensitization and allergic inflammation. In contrast to the generally well-understood processes involved in allergic inflammation, our knowledge of how stress and central nervous factors play a role in this process is not well defined. In a series of experiments, we were able to show that the co-existence of stress, caused by final examinations, was associated with an enhancement of the allergic inflammatory airway response to inhaled antigens. More recently, we have used this same model of antigen provocation and found areas of the brain to be activated in relationship to the development of airway inflammation and airflow obstruction. Precisely how these CNS factors play a role in this process is not well defined but is likely important to more fully understand the regulation of inflammation in asthma.

*Objectives: 1. Discuss an overview of the asthma and its mechanisms; 2. Discuss risk factors for the development of asthma, including stress; 3. Discuss the contribution of stress to the*

*regulation of airway; inflammation in asthma; 4. Discuss the potential role of the central nervous system in asthma; 5. Discuss the future linkages of asthma and psychological factors*  
Introducing Dr. Busse will be Dr. Edith Chen

11:00am - 12:00pm

Pavillion Ballroom

PLENARY

**IMMUNE-TO-BRAIN COMMUNICATION: IMPLICATIONS FOR UNDERSTANDING COGNITION AND PAIN**

Dr. Linda Watkins, Professor, Department of Psychology, University of Colorado at Boulder, Boulder, CO & Dr. Steve Maier, Department of Psychology & the Center for Neuroscience, University of Colorado at Boulder, Boulder, CO

Classically, the central nervous system (CNS) and the immune system were thought to operate independently of each other. This simplistic view has been revised in recent years, first with recognition that the brain dynamically modulates the immune system, and later with the reverse; that is, that the immune system modulates the central nervous system as well. The evidence that the immune system regulates diverse CNS functions will first be reviewed. Several pathways by which the immune system signals the CNS will be described. Once activated, these immune-to-brain communication pathways trigger the production of a wide array of CNS-mediated phenomena that have been collectively referred to as sickness responses. Sickness responses include fever, increased sleep, decreased food and water intake, release of stress hormones, and generalized suppression of behavior. Recently, two new additions to the sickness response have been recognized: (a) disruption in cognition and (b) enhanced pain responsiveness. Like other sickness responses, changes in cognition and pain (a) occur in response to immune-to-brain signaling, and (b) are produced as a result of CNS glial activation and the release of glial neuroexcitatory products. The bases and implications of sickness-induced disruption of cognition and amplification of pain will be explored.

*Objective: The goal is to provide an understanding of how the immune system communicates to the central nervous system and regulates its function. Two examples will be explored in depth; namely, regulation of cognition and pain.*

Introducing Drs. Watkins and Maier will be Dr. Michael Irwin

12:00 - 1:15pm

Grand Ballroom A

APS BUSINESS MEETING LUNCHEON

See page 7 for more information.

OR LUNCH ON YOUR OWN

1:15 - 3:15pm

CONCURRENT SESSIONS

Pavillion Ballroom A-B

SYMPOSIUM 1640

**STRESS AND THE IMMUNE RESPONSE: THE SUPPRESSION PARADIGM REVISITED FROM LAB BENCH TO REAL LIFE**

*Chair: Dr. Joachim E. Fischer*

*Discussant: Dr. Firdaus S. Dhabhar*

**INDIVIDUAL ABSTRACT 1663**

**BI-DIRECTIONAL EFFECTS OF STRESS AND STRESS HORMONES ON CELL-MEDIATED IMMUNITY** Firdaus S. Dhabhar, *College of Dentistry & College of Medicine, Ohio State University, Columbus, OH*

**INDIVIDUAL ABSTRACT 1665**

**DELAYED RESPONSE AND LACK OF HABITUATION IN PLASMA INTERLEUKIN-6 TO ACUTE MENTAL STRESS IN MEN**

Roland von Kanel, *Division of Psychosomatic Medicine, Department of General Medicine, University Hospital, Brigitte M. Kudielka, Daniel Preckel, Dirk Hanebuth, Joachim E. Fischer, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland*

**INDIVIDUAL ABSTRACT 1667**

**EVIDENCE FOR THE CHOLINERGIC ANTI-INFLAMMATORY PATHWAY IN HEALTHY HUMAN ADULTS**

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*

**INDIVIDUAL ABSTRACT 1668**

**CUMULATIVE CARDIOVASCULAR RISK IS ASSOCIATED WITH REDUCED CIRCULATING ENDOTHELIAL PROGENITOR CELLS IN MIDDLE-AGED ADULTS**

Joachim E. Fischer, Brigitte M. Kudielka, *Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland, Julian F. Thayer, NIA, NIH, Baltimore, MD, Roland von Kanel, Psychosomatic Medicine, University Hospital, Berne, Berne, Switzerland, Johannes C. Fischer, ITZ, University Hospital, Duesseldorf, Germany*

**INDIVIDUAL ABSTRACT 1671**

**ACUTE MENTAL STRESS, ADVERSE WORKING CONDITIONS AND VITAL EXHAUSTION AFFECT CYTOTOXIC T-CELL SUBPOPULATIONS AFTER CONTROLLING FOR DEMOGRAPHIC AND BIOMEDICAL VARIABLES.**

Johannes C. Fischer, *ITZ, University-Hospital, Duesseldorf, Germany, Joachim E. Fischer, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland*

**Pavillion Ballroom D**

**PAPER SESSION: INNOVATIONS IN INTERVENTION: ISSUES IN ADHERENCE, PSYCHOSOMATIC TELEMEDICINE AND ALTERNATIVE MEDICINE**

*Chair: Dr. Steven M. Schwartz*

**ABSTRACT 1006**

**DEPRESSION AND LOW PERCEIVED SOCIAL SUPPORT AS PREDICTORS OF MORBIDITY AND MORTALITY AFTER ACUTE MYOCARDIAL INFARCTION: INDEPENDENT EFFECTS AND INTERACTIONS**

J.A. Skala, K.E. Freedland, W.B. Howells, R.M. Carney, *Washington University, St. Louis, MO, M.M. Burg, Yale, New Haven, CT, D. Catellier, UNC, Chapel Hill, NC, H.S. Lett, J.A. Blumenthal, Duke, Durham, NC, S.M. Czajkowski, NHLBI, Bethesda, MD, AS Jaffe, Mayo Clinic, Rochester, MN*

**ABSTRACT 1401**

**ELECTRONIC EVENT MONITORING OF ADHERENCE TO ASPIRIN IN REMITTING VS. PERSISTENTLY DYSPHORIC POST-ACUTE CORONARY SYNDROME PATIENTS**

Karina W. Davidson, *Medicine, Columbia University, New York, NY, Nina Rieckmann, Psychiatry, Donald Haas, Ian Kronish, Medicine, Mount Sinai School of Medicine, New York, NY, Thomas Pickering, Matthew Burg, William Gerin, Medicine, Columbia University, New York, NY*

**ABSTRACT 1669**

**DEPRESSION AND MEDICATION NON-ADHERENCE IN OUTPATIENTS WITH CORONARY HEART DISEASE: THE HEART AND SOUL STUDY**

Mary A. Whooley, *Dept. of Epidemiology and Biostatistics, San Francisco VA Medical Center, San Francisco, CA*

**ABSTRACT 1618\***

**TELEPHONE-BASED STRESS MANAGEMENT FOR PATIENTS AWAITING LUNG TRANSPLANTATION: THE INSPIRE STUDY**

Michael A. Babyak, James A. Blumenthal, *Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC, Robert M. Carney, Psychiatry, Washington University School of Medicine, St. Louis, MO, Francis J. Keefe, Psychiatry and Behavioral Sciences, R. Duane Davis, Thoracic Surgery, Duke University Medical Center, Durham, NC, Rick LaCaille, Priti Parekh, Psychiatry and Behavioral Sciences, Duke University Medical School, Durham, NC, Kenneth E. Freedland, Department of Psychiatry, Elbert P. Trulock, III, Department of Surgery, Washington University School of Medicine, St. Louis, MO, Scott M. Palmer, Department of Medicine/Pulmonary Medicine, Duke University Medical Center, Durham, NC*

**ABSTRACT 1501**

**GENDER SPECIFIC EFFECTS OF A TELEPHONE COUNSELING INTERVENTION FOLLOWING CARDIAC REHABILITATION**

O. Mittag, C. China, C. Maurischat, E. Hoberg, E. Juers, K.-D. Kolenda, G. Richardt, H. Raspe, *Social Medicine, University of Luebeck, Luebeck, Germany*

**ABSTRACT 1101\***

**IMPACT OF TRANSCENDENTAL MEDITATION ON VASCULAR FUNCTION IN AFRICAN AMERICAN ADOLESCENTS**

Vernon A. Barnes, *Georgia Prevention Institute, Pediatrics, Surender Malhotra, Cardiology, Frank A. Treiber, Georgia Prevention Institute, Dept of Pediatrics, Medical College of Georgia, Augusta, GA*

**ABSTRACT 1683**

**A CONTROLLED CLINICAL TRIAL OF THE EFFECTS OF YOGA ON HEALTH STATUS IN FIBROMYALGIA PATIENTS**

Malinda L. Breda, Richard Gevirtz, *Clinical Psychology, Alliant International University, San Diego, CA, James L. Spira, Mental Health Services, Naval Medical Center, San Diego, CA, Melanie A. Greenberg, Clinical Psychology, Alliant International University, San Diego, CA*

**Pavillion Ballroom C**

**PAPER SESSION: CANCER: BIOLOGICAL AND PSYCHOLOGICAL PROCESSES**

*Chair: Dr. Bonnie A. McGregor*

**ABSTRACT 1631**

**EXPLORATORY TENDENCY DURING INFANCY AND SURVIVAL IN FEMALE RATS WITH SPONTANEOUS TUMORS**

*Sonia A. Cavigelli, Biobehavioral Health, Pennsylvania State University, State College, PA, Jason R. Yee, Martha K. McClintock, Human Development, University of Chicago, Chicago, IL*

**ABSTRACT 1145**

**SOCIAL SUPPORT, DISTRESS AND NATURAL KILLER CELL ACTIVITY IN THE OVARIAN CANCER MICROENVIRONMENT**

*Susan Lutgendorf, Psychology, U. of Iowa, Iowa City, IA, Anil Sood, Gynecologic Oncology, MD Anderson, Houston, TX, Barrie Anderson, Koen DeGeest, Gynecologic Oncology, Heena Maiseri, Stephanie McGinn, Psychology, Minh Dao, School of Medicine, U. of Iowa, Iowa City, IA, Joel Sorosky, OB-Gynecology, Hartford Hospital, Hartford, CT, David Lubaroff, Urology, U. of Iowa, Iowa City, IA*

**ABSTRACT 1347**

**MECHANISMS OF FATIGUE DURING RADIATION THERAPY FOR BREAST AND PROSTATE CANCER**

*Julienne E. Bower, Cousins Center for Psychoneuroimmunology, Patricia A. Ganz, Division of Cancer Prevention and Control, John L. Fahey, Microbiology, Immunology, and Behavioral Genetics, Thomas R. Belin, Biostatistics, UCLA, Los Angeles, CA, May L. Tao, Radiation Oncology, St John's Hospital, Santa Monica, CA*

**ABSTRACT 1696**

**RISK FACTORS FOR NEUROPSYCHOLOGIC DEFICITS FOLLOWING HIGH DOSE CHEMOTHERAPY AND CRANIAL IRRADIATION**

*Karen L. Syrjala, Sureyya Dikmen, Seattle, WA, Sari Roth-Roemer, Fred Hutchinson Cancer Research Center, Seattle, WA*

**ABSTRACT 1314**

**SOCIABILITY IS RELATED TO EMOTIONAL-SUPPORT COPING, WELL-BEING, AND 24-HOUR URINARY FREE CORTISOL LEVELS IN MEN RECOVERING FROM TREATMENT FOR PROSTATE CANCER: A STRUCTURAL EQUATION MODELING ANALYSIS**

*Scott Siegel, Frank Penedo, Ivan Molton, Maria Llabre, Jason Dahn, Psychology, University of Miami, Coral Gables, FL, Mahendra Kumar, Psychiatry and Behavioral Sciences, University of Miami, Miami, FL, Neil Schneiderman, Michael Antoni, Psychology, University of Miami, Coral Gables, FL*

**ABSTRACT 1176**

**ALEXITHYmia IN 3486 WOMEN TREATED FOR BREAST CANCER - ASSOCIATIONS WITH DISTRESS**

*Robert Zachariae, Søren Christensen, Michael M. Jørgensen, Anders B. Jensen, Oncology, Aarhus University Hospital, Aarhus, Denmark, Joan Ravnshøj, Section of Breast Surgery, Aalborg Hospital, Aalborg, Denmark, Susanne Møller, Danish Breast Cancer Cooperative Group, Rigshospitalet, Copenhagen,*

*Denmark, Hans von der Maase, Oncology, Aarhus University Hospital, Aarhus, Denmark*

**ABSTRACT 1607**

**A RANDOMIZED TRIAL OF A TIBETAN YOGA INTERVENTION FOR BREAST CANCER PATIENTS**

*Lorenzo Cohen, Behavioral Science, The University of Texas M. D. Anderson Cancer Center, Houston, TX, Bob Thornton, George Perkins, Kavita Chandwani, The University of Texas M. D. Anderson Cancer Center, Houston, TX, Janet Sterner, Harvard School of Public Health, Boston, MA, Alejandro Chaoul-Reich, Rice University, Houston, TX*

**3:15 - 3:30pm**

**Pavillion Ballroom Foyer**

**BREAK**

**3:30 - 5:00pm**

**CONCURRENT SESSIONS**

**Pavillion Ballroom A-B**

**SYMPOSIUM 1137**

**TRAUMA, DEPRESSION, COPING AND BEHAVIORAL TREATMENT AFFECT HIV DISEASE COURSE**

*Chair: Dr. Jane Leserman*

*Discussant: Dr. Michael Antoni*

**INDIVIDUAL ABSTRACT 1152\***

**COGNITIVE BEHAVIORAL STRESS MANAGEMENT (CBSM) EFFECTS ON REGRESSION OF CERVICAL DYSPLASIA AMONG HIV+ WOMEN**

*Deidre Pereira, Clinical & Health Psychology, U of FL, Gainesville, FL, Michael Antoni, Psychology, U of Miami, Coral Gables, FL, Mary Ann Fletcher, Medicine, U of Miami, Miami, FL, Mary Jo O'Sullivan, OB/GYN, U of Miami, Coral Gables, FL*

**INDIVIDUAL ABSTRACT 1180**

**THE ROLE OF TRAUMA, STRESS AND COPING IN ADHERENCE TO HIV MEDICATIONS**

*Jane Leserman, Psychiatry, Univ. of North Carolina at Chapel Hill, Chapel Hill, NC, Nathan M. Thielman, Medicine, Kathryn Whetten, Public Policy, Community & Family Medicine, Duke University, Durham, NC, Marvin Swartz, Psychiatry, Duke University, Michael Mugavero, Medicine, Duke University, Durham, NC*

**INDIVIDUAL ABSTRACT 1233**

**OPTIMISM PREDICTS SLOWER DISEASE PROGRESSION IN HIV THROUGH INCREASED PROACTIVE BEHAVIOR, DECREASED AVOIDANT COPING, AND LOWER DEPRESSION**

*Gail Ironson, Elizabeth Balbin, Richard Stuezle, Psychology, Univ. of Miami, Coral Gables, FL, Mary Ann Fletcher, Medicine, Univ. of Miami, Miami, FL, Jean-Phillippe Laurenceau, Conall O'Cleirigh, Neil Schneiderman, Psychology, Univ. of Miami, Coral Gables, FL*

**INDIVIDUAL ABSTRACT 1235**

AN EXAMINATION OF DRUG/ALCOHOL USE AS A MECHANISM RELATING DEPRESSION TO HIV DISEASE PROGRESSION (CD4 AND HIV-1 VIRAL LOAD) OVER 2 YEARS IN A DIVERSE HIV+ SAMPLE

*Conall O'Cleirigh, Gail Ironson, Psychology, Univ. of Miami, Coral Gables, FL, Mary Ann Fletcher, Medicine, Univ. of Miami, Miami, FL, Elizabeth Balbin, Neil Schneiderman, Psychology, Univ. of Miami, Coral Gables, FL*

**Pavillion Ballroom C****SYMPOSIUM 1165**

**ALTERNATIVE TREATMENTS FOR TARGETING DEPRESSION, STRESS AND CARDIOVASCULAR RISK FACTORS**

*Chair: Dr. Francios Lesperance*

*Discussant: Dr. David S. Sheps*

**INDIVIDUAL ABSTRACT 1248**

EFFECTS OF A BEHAVIORAL INTERVENTION, TAI CHI CHIH, ON ELEVATED PLASMA LEVELS OF INTERLEUKIN-6 IN OLDER ADULTS

*Michael R. Irwin, Cousins Center for Psychoneuroimmunology, Psychiatry, UCLA Neuropsychiatric Institute, Los Angeles, CA*

**INDIVIDUAL ABSTRACT 1337**

EFFECTS OF OMEGA-3 FATTY ACIDS ON CARDIOVASCULAR DISEASE MECHANISMS AND A PUTATIVE MODEL LINKING DEFICIENT DIETARY OMEGA-3 FATTY ACID INTAKE TO HEART DISEASE AND DEPRESSION

*Matthew F. Muldoon, Medicine, Stephen B. Manuck, Psychology, University of Pittsburgh School of Medicine, Pittsburgh, PA, Joseph R. Hibblen, Laboratory of Membrane Biochemistry and Biophysics, National Institute of Alcohol Abuse and Alcoholism, Jeffrey Yao, Psychiatry and Pharmaceutical Sciences, University of Pittsburgh School of Medicine, Pittsburgh, PA*

**INDIVIDUAL ABSTRACT 1435**

EXERCISE AND DEPRESSION: MEETING STANDARDS TO ESTABLISH TREATMENT EFFICACY

*Andrea L. Dunn, Behavioral Science Research Group, The Cooper Institute, Dallas, TX, Madhukar H. Trivedi, Depression and Anxiety Disorders Clinic, University of Texas Southwestern Medical School*

**INDIVIDUAL ABSTRACT 1446**

A PILOT STUDY OF OMEGA-3 SUPPLEMENTS FOR DEPRESSION

*Francois Lesperance, Psychiatry, University of Montreal, Montreal, QC, Canada, Nancy Frasura-Smith, Psychiatry, McGill University, Montreal, QC, Canada*

**INDIVIDUAL ABSTRACT 1586**

SELF-REGULATION OF VAGAL EFFERENT CONTROL OF HEART RATE AND THE POTENTIAL FOR BEHAVIORAL NEUROCARDIAC INTERVENTIONS TO AUGMENT THE ANTI-INFLAMMATORY REFLEX

*Robert P. Nolan, Behavioural Cardiology Research Unit, University Health Network, Toronto, ON, Canada, Robert G. Maunder, Mount*

*Sinai Hospital, Toronto, ON, Canada, Graham J. Reid, Univ. of Western Ontario, London, ON, Canada, Herbert Lau, St. Michael's Hospital, Toronto, ON, Canada*

**Pavillion Ballroom D**

**PAPER SESSION: STRESS, CORTISOL AND BIOBEHAVIORAL PROCESSES**

*Chair: Dr. James A. McCubbin*

†

**ABSTRACT 1241**

CORTISOL RHYTHM IN HEALTHY STUDENTS: POSITIVE BUT NOT NEGATIVE EMOTIONS MATTER

*Sarah D. Pressman, Psychology, Carnegie Mellon University, Pittsburgh, PA, Sheldon Cohen, Psychology, Carnegie Mellon University, Pittsburgh, PA, Gregory E. Miller, Psychology, University of British Columbia, Vancouver, BC, Canada*

**ABSTRACT 1250**

THE EFFECT OF STRESS AND ENDOGENOUS CORTISOL ON DISTINCT MEMORY PROCESSES

*Victoria E. Beckner, Psychiatry, University of California San Francisco, San Francisco, CA, David M. Tucker, Yvon Delville, Psychology, University of Texas at Austin, Austin, TX*

**ABSTRACT 1571**

LIFE STRESS AND STRESS REACTIVITY ARE LINKED TO MARKERS OF CELL AGING

*Elissa S. Epel, Psychiatry, Jue Lin, Biochemistry & Biophysics, UCSF, San Francisco, CA, Wendy Mendes, Psychology, Harvard, Boston, MA, Frank Wilhelm, Psychology, U. of Basel, Basel, Switzerland, Chris Dolbier, Psychology, East Carolina University, Greenville, NC, Owen Wolkowitz, Psychiatry, UCSF, San Francisco, CA, Richard Cawthon, Genetics, U. of Utah, Salt Lake City, UT, Nancy Adler, Psychiatry, Elizabeth Blackburn, Biochemistry & Biophysics, UCSF, San Francisco, CA*

**ABSTRACT 1225**

DEPRESSIVE SYMPTOMS ARE ASSOCIATED WITH BLUNTED CORTISOL STRESS RESPONSES IN VERY LOW-INCOME WOMEN

*Heather M. Burke, Psychiatry, University of California, San Francisco, San Francisco, CA, Lia C. Fernald, Paul J. Gertler, Public Health, University of California, Berkeley, Berkeley, CA, Nancy E. Adler, Psychiatry, University of California, San Francisco, San Francisco, CA*

**ABSTRACT 1234**

SALT-SENSITIVE NORMOTENSIVE MALES SHOW LOWER NOREPINEPHRINE AND ENHANCED CORTISOL LEVELS WHEN FACING MENTAL STRESS

*Cora S. Weber, Miriam Wagner, Psychosomatic Medicine, Frank H. Perschel, Clinical Biochemistry and Pathobiochemistry, Hans C. Deter, Psychosomatic Medicine, CharitÉ Campus Benjamin Franklin, Berlin, Germany*

**5:00 - 6:15pm**

**Junior Ballroom**

**POSTER SESSION III**

**220) ABSTRACT 1544**

**STRESS REACTIVITY AND SALT-SENSITIVITY IN FEMALE  
ñ RISK FACTORS FOR ESSENTIAL HYPERTENSION?**

*Hans C. Deter, Miriam Wagner, Maria Klein, Antje Rauer, Cora S. Weber, Psychosomatic Medicine and Psychotherapy, CharitÉ Campus Benjamin Franklin, Berlin, Germany†*

**221) ABSTRACT 1517**

**THE WHITE COAT EFFECT: INFLUENCES AND  
IMPLICATIONS FOR DIAGNOSIS**

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

**222) ABSTRACT 1239**

**RELATIONSHIP BETWEEN DEPRESSION AND PRESSOR  
SENSITIVITY**

*KaMala Thomas, Scott Matthews, Psychiatry, University of California, San Diego, La Jolla, CA, Richard Nelesen, Psychiatry, University of California San Diego, La Jolla, CA, Michael Ziegler, Medicine, University of California, San Diego, La Jolla, CA, Joel E. Dimsdale, Psychiatry, University of California San Diego, La Jolla, CA†*

**223) ABSTRACT 1647**

**BLOOD PRESSURE DIPPING AMONG ADOLESCENTS**

*Janet C. Meininger, Nursing, University of Texas-Houston, Houston, TX, Patricia Liehr, Nursing, Florida Atlantic University, Boca Raton, FL, Thong Nguyen, Nursing, Wenyaw Chan, William H. Mueller, Public Health, Christine Brosnan, Mei-Guei Dai, Nursing, University of Texas-Houston, Houston, TX†*

**224) ABSTRACT 1438**

**AGE, STRESS AND AMBULATORY BLOOD PRESSURE**

*Bert N. Uchino, Timothy W. Smith, Cynthia Berg, Gale Pearce, Paul Florsheim, Psychology, University of Utah, Salt Lake City, UT†*

**225) ABSTRACT 1715**

**HOSTILITY AND FATIGUE IN HYPERTENSIVE PATIENTS:  
RELATION TO T LYMPHOCYTE SUBSETS**

*Eui-Joong Kim, Psychiatry, Eulji University School of Medicine, Seoul, Rep. of Korea, Suzi Hong, Paul J. Mills, Psychiatry, University of California San Diego, La Jolla, CA†*

**226) ABSTRACT 1562**

**HIGHER LIFE SATISFACTION IS ASSOCIATED WITH  
FASTER BLOOD PRESSURE RECOVERY FROM A  
STRESSFUL TASK AMONG OLDER PEOPLE**

*Jianping Zhang, Psychology, Indiana University-Purdue University Indianapolis, Indianapolis, IN, Peter P. Vitaliano, Psychiatry, University of Washington, Seattle, WA, Joshua R. Dyer, Psychology, Indiana University-Purdue University Indianapolis, Indianapolis, IN†*

**227) ABSTRACT 1457**

**NOVEL PREDICTORS OF MORNING PLASMA  
ENDOTHELIN-1**

*Wayne A. Bardwell, Sonia Ancoli-Israel, Psychiatry, Jose S. Loreda, Medicine, Paul J. Mills, Joel E. Dimsdale, Psychiatry, UCSD, San Diego, CA†*

**228) ABSTRACT 1688**

**ENDOTHELIAL DYSFUNCTION IS ASSOCIATED WITH  
ELEVATED SYSTOLIC BP AT REST AND DURING A SPEECH  
TASK**

*Sheila G. West, Andrea Likos Krick, Hye-Won Lee, Paul Wagner, Biobehavioral Health, Mosuk Chow, Statistics, Pennsylvania State University, University Park, PA†*

**229) ABSTRACT 1475**

**MENSTRUAL CYCLE PHASE AND CARDIOVASCULAR  
REACTIVITY TO A PAINFUL STRESSOR**

*Suzanne G. Helfer, Psychology, Adrian College, Adrian, MI, James A. McCubbin, Psychology, Clemson University, Clemson, SC†*

**230) ABSTRACT 1622**

**AN INTERACTION BETWEEN NEUROTICISM AND  
AGREEABLENESS PREDICTS VASCULAR RESPONSES TO  
AFFECTIVE STIMULI AMONG OLDER AFRICAN-  
AMERICAN ADULTS**

*Charles R. Jonassaint, Psychology, Duke University, Durham, NC, Marcellus M. Merritt, John J. Sollers, Michele K. Evans, Alan B. Zonderman, Julian F. Thayer, National Institute on Aging, Baltimore, MD†*

**231) ABSTRACT 1702**

**MARITAL DISTRESS PREDICTS SLEEP BLOOD PRESSURE  
AND BLOOD PRESSURE DIPPING IN PRE-HYPERTENSIVES  
BUT NOT NORMOTENSIVES**

*John Livingstone, Patrick Steffen, Marcus Green, Psychology, Brigham Young University, Provo, UT†*

**232) ABSTRACT 1192**

**INCREASED AORTIC INTIMA-MEDIA THICKNESS AND  
QUANTITATIVE EVALUATION OF WHITE MATTER  
CHANGES ON MRI BY MULTIFRACTAL ANALYSIS**

*Tetsuya Takahashi, Tetsuhito Murata, Masao Omori, Neuropsychiatry, University of Fukui Faculty of Medical Sciences, Matsuoka, Fukui, Japan, Koichi Takahashi, Faculty of Science and Engineering, Kinki University, Higashi-Osaka, Osaka, Japan, Yuji Wada, Neuropsychiatry, University of Fukui Faculty of Medical Sciences, Matsuoka, Fukui, Japan†*

**233) ABSTRACT 1271**

**PSYCHOSOCIAL FACTORS ARE BETTER PREDICTORS OF  
SLEEPING BLOOD PRESSURE DIPPING THAN RACE**

*Paul J. Mills, Psychiatry, University of California San Diego, San Diego, CA, Wayne A. Bardwell, Richard A. Nelesen, Joel E. Dimsdale, Psychiatry, UCSD, San Diego, CA†*

**234) ABSTRACT 1332**

**IMPAIRED FIBRINOLYSIS IN ALZHEIMER CAREGIVERS OF ADVANCED DEMENTIA SPOUSES AS COMPARED TO NON-CAREGIVING CONTROLS**

Lakshmi S. Iyer, *Psychiatry, University of California in San Diego Medical Center, San Diego, CA*, Roland von Kanel, *General Internal Medicine, University Hospital, Bern, Switzerland*, Paul J. Mills, *Phoung Ma, Joel E. Dimsdale, Thomas Patterson, Igor Grant, Psychiatry, UCSD, San Diego, CA*†

**235) ABSTRACT 1449**

**RACE DIFFERENCES FOR RISK OF ARTERIOSCLEROSIS ARE ALREADY APPARENT IN YOUTH**

Jacquelyn Creamer, *Gaston K. Kapuku, Gregory Harshfield, Neil Shah, Harry Davis, David Ludwig, Frank Treiber, Pediatrics, Medical College of GA, Augusta, GA*†

**236) ABSTRACT 1179**

**GENDER DIFFERENCES IN LOW BACK PAIN: ANALYSIS OF THE NATIONAL HEALTH INTERVIEW SURVEY**

Stephen J. Morewitz, *Research, Stephen J. Morewitz, Ph.D., & Associates, IL & CA, Chicago, IL*†

**237) ABSTRACT 1277**

**PSYCHOSOCIAL IMPAIRMENT AS A RISK FACTOR FOR RADIATING LOWER EXTREMITY PAIN**

Stephen J. Morewitz, *Research, Stephen J. Morewitz, Ph.D., & Associates, IL & CA, Chicago, IL*†

**238) ABSTRACT 1478**

**CHILDHOOD TRAUMA AND DIURNAL CORTISOL DISRUPTION IN FIBROMYALGIA SYNDROME**

Sandra E. Sephton, *Psychiatry; JG Brown Cancer Center, University of Louisville School of Medicine, Louisville, KY*, Inka Weissbecker, *Andrea Floyd, Eric Dedert, Paul Salmon, Psychological and Brain Sciences, University of Louisville, Louisville, KY*†

**239) ABSTRACT 1324**

**PRESENTATION AND RECOGNITION OF ANXIETY AND MOOD DISORDERS IN PATIENTS WITH NON-CARDIAC CHEST PAIN**

Kamila S. White, *Katherine R. Jakle, Psychology, Boston University, Boston, MA*†

**240) ABSTRACT 1052**

**DULOXETINE IN THE TREATMENT OF FIBROMYALGIA IN WOMEN - RESULTS FROM TWO CLINICAL TRIALS**

Michael Robinson, *Neuroscience, Eli Lilly and Company, Indianapolis, IN*, Lesley Arnold, *Psychiatry, University of Cincinnati College of Medicine, Cincinnati, OH*, Yili Lu, *Deborah DiSouza, Joachim Wernicke, Smriti Iyengar, Neuroscience, Eli Lilly and Company, Indianapolis, IN*†

**241) ABSTRACT 1726**

**SEX AND PUBERTY DIFFERENCES IN PAIN TOLERANCE AND HEART RATE RESPONSES IN CHILDREN**

Qian Lu, *Lonnie K. Zeltzer, Jennie C. Tsao, Su C. Kim, Norman Turk, Department of Pediatrics, Pediatrics Pain Program, Bruce Naliboff, Department of Psychiatry and VA GLAHS, University of California, Los Angeles, Los Angeles, CA*

**242) ABSTRACT 1578**

**TREATMENT PROGNOSIS IN PATIENTS WITH BACK PAIN, PAIN DISORDER AND SOMATIZATION DISORDER: A SCID-BASED STUDY**

Heribert Sattel, *Jessica Schmitt-Makula, Psychosomatic Medicine, Marcus Schiltenwolf, Orthopedic Surgery, Peter Henningsen, Psychosomatic Medicine, University of Heidelberg, Heidelberg, Germany*†

**243) ABSTRACT 1112**

**LONG-TERM OUTCOME OF BACK PAIN TREATED BY A PSYCHOLOGICALLY-BASED PROGRAM**

David Schechter, *Family Medicine, Sports Medicine, Pain Management, Seligman Medical Institute, Culver City, CA*, Arthur P. Smith, *Mind-Body Medicine, Seligman Medical Institute, Foundation coordinator, Culver City, CA*†

**244) ABSTRACT 1029**

**ETHNICITY, STRESS, AND MENSTRUAL CYCLE: MODIFIERS OF PAIN SENSITIVITY IN MEN AND WOMEN**

Beth Mechlin, *Psychiatry, William Maixner, School of Dentistry, Kathleen Light, Rebecca Klatzkin, Susan Girdler, Psychiatry, University of North Carolina, Chapel Hill, NC*†

**245) ABSTRACT 1265**

**LABOR MARKET, FINANCIAL, INSURANCE AND DISABILITY OUTCOMES AMONG NEAR ELDERLY AMERICANS WITH DEPRESSION AND PAIN: A NATIONAL STUDY**

Rebecca L. Robinson, *Health Outcomes, Eli Lilly and Company, Indianapolis, IN*, Tian Haijun, *Roland Sturm, Research, Rand Corporation, Santa Monica, CA*†

**246) ABSTRACT 1480**

**IMPACT OF PAST PSYCHOLOGICAL TRAUMAS ON THE TRANSITION FROM ACUTE TO CHRONIC PAIN**

Corinna Young, *Psychiatry, UCSD School of Medicine, La Jolla, CA*, Perry Nicassio, *Psychiatry & Biobehavioral Sciences, UCLA, Los Angeles, CA*, Mary Duquette, *Physical Medicine & Rehabilitation, SHARP Rees-Stealy Medical Group, San Diego, CA*, R. Edward Harpin, *Pain Rehabilitation Services, SHARP Healthcare, San Diego, CA*, Melanie Greenberg, *CSPP, Alliant International University, San Diego, CA*†

**247) ABSTRACT 1666**

**RESILIENCE RESOURCES CONTRIBUTE TO BETTER HEALTH OUTCOMES AMONG RHEUMATOID ARTHRITIS PATIENTS**

Kate E. Murray, *Brendt P. Parrish, Mary C. Davis, John W. Reich, Alex J. Zautra, Psychology, Arizona State University, Tempe, AZ*†

**248) ABSTRACT 1701**

**DIFFERENTIAL EFFICACY OF WRITTEN EMOTIONAL DISCLOSURE AMONG SUBGROUPS OF FIBROMYALGIA PATIENTS**

Doerte U. Junghaenel, *Psychology, Joseph E. Schwartz, Joan E. Broderick, Psychiatry, Stony Brook University, Stony Brook, NY*†

**249) ABSTRACT 1506**

LINKS BETWEEN CHILDHOOD ABUSE AND NEGLECT, ALEXITHYMIA AND CURRENT HEALTH PROBLEMS IN COLLEGE STUDENTS

*Tanya Anagnostopoulou, Ioannis Velikis, Anna Mastorakou, Hellenic Institute of Psychology & Health, Thessaloniki, Greece, Sofia Triliva, Psychology, University of Crete, Rethymno, Greece†*

**250) ABSTRACT 1518**

EFFECTS OF INTEGRATED THERAPY SYSTEM ON THE STRESS REDUCTION: SINGLE SESSION TRIAL

*Sang Keun Chung, Yoon Gu Kim, So Young Baek, Ik Keun Hwang, Psychiatry, Chonbuk National University Medical School, Jeonju, Jeonbuk, South Korea†*

**251) ABSTRACT 1421**

WRITTEN EMOTIONAL DISCLOSURE: TESTING THE NEED FOR SOCIAL SHARING AND THE EFFECTS OF PLACEBO WRITING

*Alison M. Radcliffe, Mark A. Lumley, Jessica Kendall, Jennifer Stevenson, Joyce Beltran, Psychology, Wayne State University, Detroit, MI†*

**252) ABSTRACT 1674**

SICKNESS ABSENTEEISM, SUBJECTIVE HEALTH AND ADVERSE PSYCHOSOCIAL WORKING CONDITIONS

*Dirk Hanebuth, Michael Meinel, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland, Dirk Hagemann, FBI Psychology, University of Trier, Trier, Germany, Joachim E. Fischer, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland†*

**253) ABSTRACT 1624**

CHANGES IN RISKY BEHAVIORS OVER TIME IN COLLEGE STUDENTS

*Melissa T. Buelow, Margret A. Appel, Elizabeth A. Doherty, Psychology, Ohio University, Athens, OH†*

**254) ABSTRACT 1699**

DISTRESS MEDIATES THE RELATIONSHIP BETWEEN ANXIOUS ATTACHMENT AND SLEEP DISTURBANCE

*Hani Shabana, Patrick Steffen, Psychology, Brigham Young University, Provo, UT†*

**255) ABSTRACT 1695**

HYDRATION AND COGNITION IN HEALTHY YOUNG ADULTS

*Jessica A. Hall, Julie A. Suhr, Psychology, Ohio Univ, Athens, OH†*

**256) ABSTRACT 1692**

EFFECTS OF HYDRATION ON CARDIOVASCULAR PSYCHOPHYSIOLOGY

*Lynne M. Rochette, Stephen M. Patterson, Psychology, Ohio University, Athens, OH†*

**257) ABSTRACT 1690**

LIFE STRESSORS, CARDIOVASCULAR REACTIVITY, AND WELL-BEING IN BLACK COLLEGE STUDENTS

*Earl D. Walker, Kyiah Butler, Psychology, Morgan State University, Baltimore, MD†*

**258) ABSTRACT 1583**

STRESS MARKERS IN MARINES BEFORE, DURING & AFTER HI-ALTITUDE WINTER OPERATIONS & LINKS TO MOOD

*Wayne Y. Ensign, Naval Health Rsch Ctr, San Diego, CA, Wayne A. Bardwell, UCSD, San Diego, CA, Lindy M. Castell, Oxford, UK, Paul J. Mills, Psychiatry, UCSD, San Diego, CA†*

**259) ABSTRACT 1687**

WELL-BEING OF EXERCISE ADHERERS: RESULTS FOR MEN AND WOMEN

*Margret A. Appel, Melanie M. Michaud, Melissa T. Buelow, Jessica Tag, Psychology, Ohio University, Athens, OH*

**260) ABSTRACT 1670**

GENDER MODERATES THE EFFECTS OF NEUROTICISM ON STRESS AND WELL-BEING

*Paula G. Williams, Heather E. Gunn, Psychology, University of Utah, Salt Lake City, UT†*

**261) ABSTRACT 1660**

SELF-AFFIRMATION REDUCES STRESS RESPONSES

*J. David Creswell, Shelley E. Taylor, Psychology, University of California, Los Angeles, Los Angeles, CA, David A. Sherman, Psychology, University of California, Santa Barbara, Santa Barbara, CA, Will Welch, Psychology, Tara Gruenewald, School of Medicine, Geriatrics, Traci Mann, Psychology, University of California, Los Angeles, Los Angeles, CA†*

**262) ABSTRACT 1589**

THALAMIC SIZE AS A NEUROFUNCTIONAL CORRELATE OF DYSFUNCTIONAL SENSORY PROCESSING IN CHRONIC FATIGUE SYNDROME

*Jan Borch, Roland von Kanel, General Internal Medicine, Johannes Slotboom, Luca Remonda, Claus Kiefer, Gerhard Schroth, Neuroradiology, Stefan Begre, General Internal Medicine, University Hospital, Berne, Switzerland†*

**263) ABSTRACT 1714**

FORGIVENESS AND SOCIAL SUPPORT MEDIATE THE RELATIONSHIP BETWEEN RELIGIOSITY AND DISTRESS

*Kevin Jordan, Patrick Steffen, Psychology, Brigham Young University, Provo, UT†*

**264) ABSTRACT 1565**

SELF-ENANCEMENT AND SELF-ASSESSED HEALTH: EXAMINING THE UNIQUE EFFECTS OF NEUROTICISM AND ANXIOUS ATTACHMENT

*Katherine T. Fortenberry, Deborah J. Wiebe, Psychology, University of Utah, Salt Lake City, UT†*

**265) ABSTRACT 1348**

PRIMARY ANXIETY DISORDERS: IMPACT OF TREATMENT ON SUBSEQUENT DEPRESSION AND HEALTH OUTCOMES

*Leo Russo, Benefit-Risk Management (BRM), Johnson & Johnson R&D LLC, Ruby Castilla-Puentes, Psychiatry and Epidemiology, UNC School of Medicine and GSK, WVEpidemiology†*

**266) ABSTRACT 1447**

**PERSONALITY AND EXECUTIVE FUNCTIONING PERFORMANCE: RISK FACTORS FOR SUBSTANCE USE DISORDERS IN THE OKLAHOMA FAMILY HEALTH PATTERNS PROJECT**

*Andrea S. Vincent, Psychiatry and Behavioral Sciences, Kristen H. Sorocco, Geriatric Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK, William R. Lovallo, Psychiatry and Behavioral Sciences, VA Medical Center, Behavioral Sciences Labs, Oklahoma City, OK†*

**267) ABSTRACT 1344**

**DOES PANIC DISORDER INCREASE THE RISK OF CORONARY HEART DISEASE? : A RETROSPECTIVE COHORT STUDY OF THE INTEGRATED HEALTH CARE INFORMATION SERVICES DATABASE**

*Andres Gomez-Camirero, Global Epidemiology and Outcomes Research, BMS, William Blumentals, Epidemiology, Procter & Gamble, Regina Brown, WWEpidemiology, R&D, GlaxoSmithKline, Ruby Castilla-Puentes, Psychiatry and Epidemiology, UNC School of Medicine and GSK, WWEpidemiology, Leo Russo, Benefit-Risk Management (BRM), Johnson & Johnson R&D LLC†*

**268) ABSTRACT 1355**

**PAST AND PRESENT MAJOR DEPRESSION PREDICTS IN-HOSPITAL MORTALITY IN MEDICAL INPATIENTS**

*Estefania De Aguas, Psychiatry, Santa Clara University Hospital, Bogota, Columbia, Ruby Castilla-Puentes, Psychiatry and Epidemiology, UNC School of Medicine and GSK, WWEpidemiology†*

**269) ABSTRACT 1407**

**CORTISOL STRESS RESPONSE AND RISK FACTORS FOR SUBSTANCE USE IN THE OKLAHOMA FAMILY HEALTH PATTERNS PROJECT**

*Kristen H. Sorocco, Geriatric Medicine, Andrea S. Vincent, Psychiatry and Behavioral Sciences, University of Oklahoma Health Sciences Center, Oklahoma City, OK, William R. Lovallo, Psychiatry and Behavioral Sciences, VA Medical Center, Behavioral Sciences Labs, Oklahoma City, OK†*

**270) ABSTRACT 1503**

**CHANGE OF BARORECEPTOR SENSITIVITY (BRS) DURING MENTAL STRESS TESTING PREDICTS PSYCHOTHERAPY OUTCOME**

*Johannes C. Ehrenthal, Christoph Herrmann-Lingen, Marco Fey, Henning Schauenburg, Psychosomatics and Psychotherapy, University of Goettingen, Goettingen, Germany†*

**271) ABSTRACT 1642**

**GIRLS SHOW GREATER RESPONSES TO CRH CHALLENGE OVER PUBERTY: THE PITTSBURGH PSYCHOBIOLOGIC STUDIES**

*Laura Stroud, Psychiatry and Human Behavior, George Papandonatos, Center for Statistical Sciences, Brown Medical School, Providence, RI, Douglas Williamson, Ronald Dahl, Child and Adolescent Psychiatry, University of Pittsburgh Medical School, Pittsburgh, PA†*

**272) ABSTRACT 1477**

**HEART RATE AND BLOOD PRESSURE VARIABILITY, AND BAROREFLEX SENSITIVITY IN PATIENTS WITH EATING DISORDERS**

*Tetsuro Ishizawa, Kazuhiro Yoshiuchi, Yoshiyuki Takimoto, Psychosomatic Medicine, The University of Tokyo, Bunkyo-ku, Tokyo, Japan, Gaku Yamanaka, Internal Medicine, Tokyo Women's Medical University, Arakawa-ku, Tokyo, Japan, Hiroaki Kumano, Tomifusa Kuboki, Psychosomatic Medicine, The University of Tokyo, Bunkyo-ku, Tokyo, Japan†*

**273) ABSTRACT 1511**

**TIME TRENDS IN MORTALITY FROM SUICIDE BY SEX AND AGE GROUP, 1991-2002 IN GERMANY**

*Jens J. Baumert, Institute of Epidemiology, GSF - National Research Center, Neuherberg, Germany, Karl-Heinz Ladwig, Natalia S. Erazo, Psychosomatic Medicine Department, Technical University of Munich, Muenchen, Germany†*

**274) ABSTRACT 1537**

**NEUROTICISM AND AUTONOMIC FUNCTION IN FEMALE TWINS**

*Harriette Riese, Judith G. Rosmalen, Psychiatry, University of Groningen, Groningen, The Netherlands, Arie M. van Roon, Internal Medicine, University Hospital of Groningen, Groningen, The Netherlands, Albertine J. Oldehinkel, Johan Ormel, Psychiatry, University of Groningen, Groningen, The Netherlands, Fruhling V. Rijdsdijk, Social, Genetic & Developmental Psychiatry (SGDP), Institute of Psychiatry, London, UK†*

**275) ABSTRACT 1645**

**THE EFFECT OF OMEGA 3 FATTY ACID SUPPLEMENTATION ON MAJOR DEPRESSION: A META-ANALYSIS OF THE LITERATURE**

*Ashok Parameswaran, Psychiatry, University of California at San Diego, La Jolla, CA, Joel Dimsdale, Psychiatry, Rema Raman, Family & Preventive Medicine and Neurosciences, University of California San Diego, La Jolla, CA†*

**276) ABSTRACT 1651**

**SELECT DIMENSIONS OF PERSONALITY, PERFORMANCE STRESSORS, AND PHYSIOLOGICAL SYMPTOMS IN ELITE CLASSICAL MUSICIANS**

*Heather A. Schmidt, Daniel I. Galper, Psychiatry, University of Texas Southwestern Medical Center, Dallas, TX†*

**277) ABSTRACT 1479**

**REGIONAL CEREBRAL BLOOD FLOW CHANGES IN PATIENTS WITH POST-TRAUMATIC STRESS DISORDER**

*Do-Un Jeong, Seog Ju Kim, Jihyun Kim, Young Hoon Sung, Jaek Hwang, In Kyoonyoung, Psychiatry, Seoul National University Hospital, Seoul, Republic of Korea†*

**278) ABSTRACT 1677**

**THE MINI-COG IS ASSOCIATED WITH FUNCTIONAL IMPAIRMENT IN ELDERLY ITALIANS**

*James M. Scanlan, Soo Borson, Psychiatry, University of Washington, Seattle, WA, Nancy J. Binkin, Federica Michieletto, Epidemiology and Biostatistics, Istituto Superiore di Sanita, Rome, Italy†*

**279) ABSTRACT 1620**

**THE EFFECT OF EXERCISE DOSE ON QUALITY OF LIFE IN DEPRESSED ADULTS**

*Heather E. Kitzman, Behavioral Science Research Group, The Cooper Institute, Dallas, TX, Madhukar H. Trivedi, Psychiatry, UTSW Medical Center at Dallas, Dallas, TX, Andrea L. Dunn, Behavioral Science Research Group, The Cooper Institute, Dallas, TX, Daniel I. Galper, Psychiatry, UTSW Medical Center at Dallas, Dallas, TX, James B. Kampert, Behavioral Science Research Group, The Cooper Institute, Dallas, TX, Tracy L. Greer, Psychiatry, UTSW Medical Center at Dallas, Dallas, TX†*

**280) ABSTRACT 1391**

**EFFORT/REWARD IMBALANCE, OVERCOMMITMENT AND SELF-REPORTED HEALTH: IT IS THE INTERACTION THAT MATTERS MOST**

*Daniel Preckel, Diana Andrae, Brigitte M. Kudielka, Karl Frey, Behavioral Sciences, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland, Hans-Joachim Haug, Psychiatric Department, University of Zurich, Zurich, Switzerland, Joachim E. Fischer, Behavioral Sciences, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland†*

**281) ABSTRACT 1394**

**TESTING THE FACTORIAL STRUCTURE OF THE CURRENT ERI MODEL - A STRUCTURAL EQUATION MODELING APPROACH**

*Daniel Preckel, Behavioral Sciences, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland, Petra Metzenthin, Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland, Brigitte M. Kudielka, Dirk Hanebuth, Behavioral Sciences, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland, Dirk Hagemann, Institute of Psychology, University of Trier, Trier, Germany, Joachim E. Fischer, Behavioral Sciences, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland†*

**282) ABSTRACT 1638**

**ANGER EXPRESSION STYLES AND OBESITY IN A SAMPLE OF COLLEGE STUDENTS**

*Angela E. Swift, Jianping Zhang, Psychology, Indian University-Purdue University Indianapolis, Indianapolis, IN, Joshua R. Dyer, Psychology, Indiana University-Purdue University Indianapolis, Indianapolis, IN†*

**283) ABSTRACT 1280**

**SPOUSAL ILLNESS AND NEGATIVE REPETITIVE THOUGHT PREDICT MORNING HYPOCORTISOLEMIA IN OLDER ADULTS**

*Suzanne C. Segerstrom, Psychology, University of Kentucky, Lexington, KY, Sandra E. Sephton, Psychiatry and Biobehavioral Sciences, University of Louisville School of Medicine, Louisville, KY†*

**284) ABSTRACT 1144**

**GENDER IDENTITY AS A PREDICTOR OF CARDIOVASCULAR REACTIVITY**

*Sonja van Well, Annemarie M. Kolk, Nicole Oei, Psychology, University of Amsterdam, Amsterdam, The Netherlands†*

**285) ABSTRACT 1282**

**REAL-TIME ASSESSMENT OF HEART RATE VARIABILITY IN NATURAL SETTINGS IN MULTIPLE CHEMICAL SENSITIVITY USING AN ECOLOGICAL MOMENTARY ASSESSMENT**

*Kazuhiro Yoshiuchi, Mariko Saito, Hiroaki Kumano, Hiroe Kikuchi, Tetsuro Ishizawa, Psychosomatic Medicine, Kyoko Ohashi, Yoshiharu Yamamoto, Education, Tomifusa Kuboki, Psychosomatic Medicine, The University of Tokyo, Tokyo, Japan†*

**286) ABSTRACT 1461**

**REAL-TIME ASSESSMENT OF PSYCHOSOCIAL FACTORS PREDICTING ADVERSE MEDICATION EVENTS: PRELIMINARY DATA FROM A MULTISITE STUDY OF PHYSICIANS AND NURSES**

*Thomas Rutledge, Psychiatry, Matthew Weinger, Anesthesiology, UC San Diego, San Diego, CA, Mike Borrego, Timothy Dresselhaus, VA Medical Center, San Diego, CA†*

**287) ABSTRACT 1641**

**DIETING MAY BE A CHRONIC STRESSOR**

*A. Janet Tomiyama, Traci Mann, Shelley E. Taylor, Psychology, University of California, Los Angeles, Los Angeles, CA†*

**288) ABSTRACT 1568**

**ASSOCIATION OF CLINICAL SEVERITY AND PSYCHIATRIC MORBIDITY IN PATIENTS WITH PSORIASIS: A FOLLOW-UP STUDY**

*Francesca Sampogna, Angelo Picardi, Paolo Pasquini, Eva Mazzotti, Ornella De Pittà, Damiano Abeni, and the IMPROVE Investigators, Istituto Dermatologico dell'Immacolata IDI-IRCCS, Rome, Italy†*

**289) ABSTRACT 1451**

**STRESS, CORTISOL REACTIVITY, AND SKIN BARRIER RECOVERY**

*Theodore F. Robles, Psychology, The Ohio State University, Columbus, OH†*

**290) ABSTRACT 1636**

**HOW LONG DO YOU SLEEP? A COMPARISON OF SUBJECTIVE AND OBJECTIVE MEASURES OF SLEEP DURATION**

*Kenneth P. Sausen, Walter Carr, Warfighter Performance, Naval Health Research Center, San Diego, CA, Sean P. Drummond, Bart D. Phillips, Dept of Psychiatry, UCSD School of Medicine, San Diego, CA, Matthew A. Yanagi, Warfighter Performance, Naval Health Research Center, San Diego, CA†*

**291) ABSTRACT 1431**

**PHLEBOTOMIST INTERPERSONAL SKILL PREDICTS THE EXPERIENCE OF VASOVAGAL REACTIONS IN VOLUNTEER BLOOD DONORS**

*Kendra R. Stewart, Christopher R. France, Psychology, Ohio University, Athens, OH, Aaron W. Rader, Central Ohio Region Blood Services, American Red Cross, Columbus, OH, Jesse C. Stewart, Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA†*

**292) ABSTRACT 1169**

**OPPOSITE EFFECT OF NEGATIVE AND POSITIVE AFFECTS ON COAGULATION RESPONSES TO ACUTE MENTAL STRESS AND RECOVERY IN MEN**

*Roland von Kanel, General Internal Medicine, University Hospital, Berne, Switzerland, Daniel Preckel, Brigitte M. Kudielka, Joachim E. Fischer, Behavioral Sciences, Federal Institute of Technology, Zurich, Switzerland†*

**293) ABSTRACT 1385**

**HABITUATION AND RECOVERY OF HEMOCONCENTRATION AND BLOOD CELL RESPONSES TO ACUTE MENTAL STRESS**

*Roland von Kanel, General Internal Medicine, University Hospital, Berne, Switzerland, Brigitte M. Kudielka, Daniel Preckel, Katharina Mischler, Lilian Zraggen, Joachim E. Fischer, Behavioral Sciences, Federal Institute of Technology, Zurich, Switzerland†*

**294) ABSTRACT 1223**

**POLYSOMNOGRAPHIC MEASURES OF POOR SLEEP QUALITY CORRELATE WITH PROCOAGULANT ACTIVITY IN ALZHEIMER CAREGIVERS**

*Roland von Kanel, General Internal Medicine, University Hospital, Berne, Switzerland, Sonia Ancoli-Israel, Joel E. Dimsdale, Paul J. Mills, Psychiatry, University of California San Diego, La Jolla, CA, Thomas L. Patterson, Psychiatry, University Hospital, La Jolla, CA, Igor Grant, Psychiatry, University of California San Diego, La Jolla, CA†*

**295) ABSTRACT 1111**

**TAKING CHARGE OF YOUR HEALTH: PATIENT INVOLVEMENT IN HEALTH CARE AND FUTURE SUBCLINICAL CAROTID DISEASE**

*Wendy M. Troxel, Psychology, Karen A. Matthews, Psychiatry/Epidemiology, Kim Sutton-Tyrrell, Lewis H. Kuller, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA†*

**296) ABSTRACT 1700\***

**PERSISTENT POST-SURGICAL DEPRESSIVE SYMPTOMS AND LONG-TERM SURVIVAL FOLLOWING CORONARY ARTERY BYPASS SURGERY**

*John M. Ruiz, Psychology, Washington State University, Pullman, WA, Karen A. Matthews, Psychiatry, University of Pittsburgh, Pittsburgh, PA, Michael F. Scheier, Jeremy Wortman, Psychology, Carnegie Mellon University, Pittsburgh, PA, Richard Schulz, Psychiatry, University of Pittsburgh, Pittsburgh, PA†*

**297) ABSTRACT 1709**

**EFFECTS OF PRE-SURGICAL OPTIMISM ON 6 AND 18-MONTH DEPRESSIVE SYMPTOMS FOLLOWING CORONARY ARTERY BYPASS SURGERY**

*John M. Ruiz, Psychology, Washington State University, Pullman, WA, Karen A. Matthews, Psychiatry, University of Pittsburgh, Pittsburgh, PA, Michael F. Scheier, Psychology, Carnegie Mellon University, Pittsburgh, PA, Richard Schulz, Psychiatry, University of Pittsburgh, Pittsburgh, PA, Jeremy Wortman, Psychology, Carnegie Mellon University, Pittsburgh, PA†*

**298) ABSTRACT 1134**

**TYPE D PERSONALITY IS INDEPENDENTLY ASSOCIATED WITH IMPAIRED HEALTH STATUS AND DEPRESSIVE SYMPTOMS IN CHRONIC HEART FAILURE (CHF)**

*Angelique A. Schiffer, Johan Denollet, Psychology and Health, Tilburg University, Tilburg, The Netherlands†*

**299) ABSTRACT 1653**

**DEPRESSION AND ADHERENCE TO MEDICAL RECOMMENDATIONS IN PATIENTS WITH CORONARY HEART DISEASE**

*Derik W. Stalls, Sumner J. Sydean, Steven D. Barger, Larry C. Stevens, Psychology, Northern Arizona University, Flagstaff, AZ†*

**300) ABSTRACT 1106**

**IMPAIRED HEALTH STATUS AND DEPRESSION FOLLOWING SUCCESSFUL PERCUTANEOUS CORONARY INTERVENTION WITH SIROLIMUS-ELUTING OR BARE STENT IMPLANTATION: PERSISTING EFFECT OF TYPE D PERSONALITY**

*Susanne S. Pedersen, Medical Psychology, University of Tilburg, Tilburg, The Netherlands, Johan Denollet, Medical Psychology, Tilburg University, Tilburg, The Netherlands, Priya R. van Vooren, Medical Psychology, University of Tilburg, Tilburg, The Netherlands, Pedro A. Lemos, Andrew T. Ong, Patrick W. Serruys, Ruud A. Erdman, Thoraxcenter, Ron T. van Domburg, Thoraxcenter, Erasmus Medical Center Rotterdam, Rotterdam, The Netherlands†*

**301) ABSTRACT 1161**

**IMPAIRED HEALTH STATUS IN WOMEN FOLLOWING PERCUTANEOUS CORONARY INTERVENTION WITH SIROLIMUS-ELUTING OR BARE STENTS**

*Susanne S. Pedersen, Medical Psychology, University of Tilburg, Tilburg, The Netherlands, Pedro Lemos, Andrew T. Ong, Ruud A. Erdman, Patrick W. Serruys, Ron T. Van Domburg, Thoraxcenter, Erasmus Medical Center, Rotterdam, The Netherlands†*

**302) ABSTRACT 1519**

**DETRIMENTAL EFFECT OF DEPRESSION AND TYPE D PERSONALITY ON CARDIAC PROGNOSIS IN THE DRUG-ELUTING STENT ERA**

*Susanne S. Pedersen, Johan Denollet, Medical Psychology, Tilburg University, Tilburg, The Netherlands, Andrew T. Ong, Pedro A. Lemos, Ruud A. Erdman, Patrick W. Serruys, Ron T. Van Domburg, Thoraxcenter, Erasmus Medical Center, Rotterdam, The Netherlands†*

**303) ABSTRACT 1676**

**SUPPORT GROUP ATTENDANCE FACILITATES HEALTH BEHAVIOR CHANGE ASSOCIATED WITH IMPROVED CORONARY RISK FACTORS AND QUALITY OF LIFE: THE MULTICENTER LIFESTYLE DEMONSTRATION PROJECT**

*Ute Schulz, Gerdi Weidner, Melanie Elliott-Eller, Jennifer Daubenmier, Preventive Medicine Research Institute, Sausalito, CA, Larry Scherwitz, California Pacific Medical Center, Institute for Health and Healing, San Francisco, CA, Dean Ornish, Preventive Medicine Research Institute, Sausalito, CA†*

**304) ABSTRACT 1157**

**DEPRESSION AND WHOLE BLOOD SEROTONIN IN PATIENTS WITH CORONARY DISEASE: DATA FROM THE HEART AND SOUL STUDY**

*Lawson R. Wulsin, Psychiatry, Family Medicine, University of Cincinnati, Cincinnati, OH, Mary A. Whooley, Internal Medicine, University of California, San Francisco, San Francisco, CA, Dominique Musselman, Erica Bruce, Psychiatry, Emory University, Atlanta, GA†*

**305) ABSTRACT 1464**

**PREVALENCE OF DEPRESSION IN OUTPATIENTS WITH HEART FAILURE: PRIMARY VS TERTIARY CARE SAMPLES**

*Mark D. Sullivan, Psychiatry, Wayne C. Levy, Medicine, Joan E. Russo, Psychiatry, Katherine A. Newton, Epidemiology, University of Washington, Seattle, WA†*

**306) ABSTRACT 1349**

**ATTACHMENT STYLE AND ANGINA IN PATIENTS UNDERGOING MYOCARDIAL PERFUSION IMAGING**

*Mark D. Sullivan, Paul S. Ciechanowski, Psychiatry, James H. Caldwell, Laurie Soine, Nuclear Medicine, Joan E. Russo, Psychiatry, University of Washington, Seattle, WA, John A. Spertus, Cardiology, University of Missouri- Kansas City, Kansas City, MO†*

**307) ABSTRACT 1602**

**ASSOCIATION OF SPOUSE RATINGS OF ANXIETY, ANGER, AND DEPRESSION WITH CORONARY ARTERY CALCIFICATION IN HEALTHY OLDER ADULTS**

*Timothy W. Smith, Cynthia Berg, Bert N. Uchino, Paul Florsheim, Gale Pearce, Psychology, University of Utah, Salt Lake City, UT†*

**308) ABSTRACT 1711**

**DOES PHARMACOTHERAPY, EXERCISE, OR PSYCHOPHYSIOLOGIC INTERVENTION ENHANCE VAGAL-HEART RATE CONTROL AMONG PATIENTS WITH CORONARY HEART DISEASE? A META-ANALYSIS**

*Robert P. Nolan, Toronto, ON, Canada, Philip Jong, John S. Floras, University Health Network, Toronto, ON, Canada, Jill Stanley, York University, Toronto, ON, Canada, Tim Tanaka, Pacific Wellness Centre, Toronto, ON, Canada, Nour Schoueri, York University, Toronto, ON, Canada†*

**309) ABSTRACT 1460**

**COGNITIVE MECHANISMS IN THE RELATIONSHIP BETWEEN HOSTILITY AND SOCIAL SUPPORT**

*Martine E. Habra, Wolfgang Linden, Psychology, University of British Columbia, Vancouver, BC, Canada†*

**310) ABSTRACT 1551**

**DYNAMICS OF LOW FREQUENCY BLOOD PRESSURE VARIABILITY RESPONSES TO PSYCHOLOGICAL AND ORTHOSTATIC CHALLENGE**

*Richard P. Sloan, Peter A. Shapiro, Psychiatry, Ronald E. DeMeersman, Rehabilitation Medicine, Emilia E. Bagiella, Biostatistics, Paula S. McKinley, Psychiatry, Gillian S. Duncan, Rehabilitation Medicine, Michael M. Myers, Psychiatry, Columbia University, New York, NY†*

**311) ABSTRACT 1345**

**A BRIEF SCREENING TOOL FOR IDENTIFYING PSYCHOLOGICAL DISTRESS IN CARDIAC PATIENTS**

*Quincy Young, Doreen Fofonoff, Annemarie Kaan, Heart Centre, St. Paul's Hospital, Vancouver, BC, Canada†*

**312) ABSTRACT 1378**

**INCREASE IN C-REACTIVE PROTEIN IN RESPONSE TO ACUTE STRESS IN PATIENTS WITH RHEUMATOID ARTHRITIS**

*Jet Veldhuijzen van Zanten, Christopher Ring, Douglas Carroll, Sportex, University of Birmingham, Birmingham, UK, George Kitas, Rheumatology, Dudley Group of Hospitals NHS Trust, WMids, UK†*

**313) ABSTRACT 1380**

**STRESS-INDUCED HEMOCONCENTRATION AND BLOOD PRESSURE REACTIVITY DURING THE MENSTRUAL CYCLE**

*Jet Veldhuijzen van Zanten, Christopher Ring, Douglas Carroll, School of Sport and Exercise Sciences, University of Birmingham, Birmingham, UK†*

**314) ABSTRACT 1323**

**DEPRESSION AND ANXIETY AS PREDICTORS OF VENTRICULAR TACHYCARDIA AMONG POST-MI PATIENTS**

*Patrick J. Smith, James A. Blumenthal, Michael A. Babyak, Anastasia Georgiades, Andrew Sherwood, Psychiatry and Behavioral Sciences, Michael H. Sketch, Jr., Medicine, Cardiology, Ranga R. Krishnan, Lana L. Watkins, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC†*

**315) ABSTRACT 1220**

**PREVALENCE OF DEPRESSIVE AND HOSTILITY SYMPTOMS AMONG PATIENTS WITH CORONARY ARTERY DISEASE, STROKE, AND PERIPHERAL VASCULAR DISEASE**

*Stephanie E. Zolomij, Psychiatry, Yufei Xiang, Angela H. Quinn, Thomas Wasser, Health Studies Unit, Michael W. Kaufmann, Psychiatry, John E. Castaldo, Neurology, Edward R. Norris, Psychiatry, Lehigh Valley Hospital, Allentown, PA†*

**316) ABSTRACT 1545**

**DEPRESSION, ANXIETY, AND HOSTILITY ARE ASSOCIATED WITH 3-YEAR INCREASES IN SERUM INTERLEUKIN-6**

*Jesse C. Stewart, Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA, Denise L. Janicki, Psychology, University of Pittsburgh, Pittsburgh, PA, Matthew F. Muldoon, Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, Thomas W. Kamarck, Psychology, University of Pittsburgh, Pittsburgh, PA†*

**317) ABSTRACT 1625**

PERCEIVED STRESS, LIVING ALONE, AND THEIR INTERACTION PREDICT DEPRESSION IN POST MYOCARDIAL INFARCTION PATIENTS - A PROSPECTIVE STUDY

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**318) ABSTRACT 1251**

SOCIOECONOMIC STATUS AND CORONARY HEART DISEASE: ARE WOMEN AT GREATEST RISK?

*Rebecca C. Thurston, Laura D. Kubzansky, Ichiro Kawachi, Lisa F. Berkman, Department of Society, Human Development, and Health, Harvard School of Public Health, Boston, MA†*

**319) ABSTRACT 1661**

PREVALENCE OF ANXIETY DISORDERS IN MEN AND WOMEN WITH CORONARY HEART DISEASE

*John F. Todaro, Brown Medical School, Providence, RI, Biing-Jiun Shen, University of Miami, Miami, FL, Raymond Niaura, Brown Medical School, Providence, RI, Peter Tilkemeier, The Miriam Hospital, Providence, RI†*

**320) ABSTRACT 1285**

IMPACT OF ALCOHOL INTAKE AND SMOKING ON HEART RATE VARIABILITY IN MIDDLE AGED INDUSTRIAL EMPLOYEES

*Thorsten Scherf, Jan C. Schuller, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland, Julian F. Thayer, Emotions and Quantitative Psychophysiology Section, National Institute of Aging, Baltimore, MD, Dirk Hagemann, FB I - Psychology, University of Trier, Trier, Germany, Joachim E. Fischer, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland†*

**321) ABSTRACT 1535**

THE EFFECTS OF LIFE COURSE SES AND RACE ON CARDIOVASCULAR REACTIVITY DURING AN ANGER RECALL TASK

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**322) ABSTRACT 1713**

SOMATOFORM AND FACTITIOUS DISORDERS IN OLDER HOSPITALIZED PATIENTS: PREVALENCE, DEMOGRAPHIC CHARACTERISTICS, HEALTH CARE USE, AND CO-OCCURRENCE

*Tonya Johnson, Psychology, University of Alabama, Tuscaloosa, AL, Jeffrey W. Janata, Psychiatry And Obstetrics/Gynecology, Case Western Reserve University, Cleveland, OH, Leslie Swanson, Kellee Bivens, James Hamilton, Psychology, University of Alabama, Tuscaloosa, AL†*

**323) ABSTRACT 1710**

RATES AND CHARACTERISTICS OF HOSPITAL ADMISSIONS RELATED TO DIAGNOSES OF SOMATOFORM DISORDERS, FACTITIOUS DISORDERS, AND RELATED CONDITIONS

*Katie Rowan, Tonya Johnson, James Hamilton, Psychology, University of Alabama, Tuscaloosa, AL†*

**324) ABSTRACT 1202**

VOLUNTEERING IS ASSOCIATED WITH DELAYED MORTALITY IN OLDER PEOPLE: ANALYSIS OF THE LONGITUDINAL STUDY OF AGING

*Alex H. Harris, Center for Health Care Evaluation, VA Palo Alto Health Care System, Menlo Park, CA, Carl E. Thoresen, School of Education, Stanford University, Los Gatos, CA†*

**325) ABSTRACT 1048**

HOSTILITY IN RELATION TO DRINKING PATTERN AND PROBLEM DRINKING IN US ARMY VETERANS: INTERACTIONS WITH SOCIO-ECONOMIC POSITION

*Laust H. Mortensen, Center for Alcohol Research, National Institute of Public Health, Copenhagen, Denmark, John C. Barefoot, Stephen H. Boyle, Behavioral Medicine Research Center, Duke University, Durham, NC, Morten Gronbaek, Center for Alcohol Reseach, National Institute of Public Health, Copenhagen, Denmark†*

**326) ABSTRACT 1405**

DEVELOPING PALLIATIVE CARE CURRICULA: UNDERSTANDING THE UNSPOKEN ISSUES AS THEY DIFFER ACROSS CARE PROVIDERS

*Colleen West, Roselyn Smith, Maureen Keown, Psychology, Miami Veterans Administration Medical Center, Miami, FL†*

**327) ABSTRACT 1399**

ISSUES UNDERLYING DEVELOPMENT OF PALLIATIVE CARE CURRICULA: THE DIFFERENCE BETWEEN ACCURATE INFORMATION AND THE CERTAINTY OF KNOWING

*Roselyn Smith, Colleen West, Maureen Keown, Psychology, Miami Veterans Administration Medical Center, Miami, FL†*

**328) ABSTRACT 1312**

FACTORS ASSOCIATED WITH MEDICAL SPECIALTY CHOICE: FURTHER EVIDENCE FOR THE IMPORTANCE OF PERSONALITY FACTORS AND ATTACHMENT STYLES

*Paul S. Ciechanowski, Psychiatry & Behavioral Sciences, University of Washington, Seattle, WA, Linda L. Worley, Psychiatry, University of Arkansas for Medical Sciences, Little Rock, AR, Joan E. Russo, Wayne J. Katon, Psychiatry & Behavioral Sciences, University of Washington, Seattle, WA†*

**329) ABSTRACT 1366**

THE DIFFICULT PATIENT: A DEVELOPMENTAL PERSPECTIVE USING AN ATTACHMENT THEORETICAL FRAMEWORK

*Paul S. Ciechanowski, Joan E. Russo, Wayne J. Katon, Psychiatry & Behavioral Sciences, University of Washington, Seattle, WA*

**330) ABSTRACT 1028**

**ALEXITHYMIA AND HEALTH STATUS IN RHEUMATOID  
ARTHRITIS: SUBJECTIVE VERSUS OBJECTIVE MEASURES  
AND THE ROLE OF HELPLESSNESS**

*Jennifer K. Stevenson, Mark A. Lumley, Debra Macklem, Alison  
Radcliffe, Tina Meyer, Psychology, Wayne State University,  
Detroit, MI, James Leisen, Medicine, Henry Ford Health System,  
Detroit, MI, Angelia Mosley-Williams, Medicine, Wayne State  
University, Detroit, MI*

**7:00pm - 12:00am**

**Grand Ballroom A-B**

**DINNER AND ENTERTAINMENT**

*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 3rd. Ticket prices are \$20  
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## Faculty Listing (Oral Presenters)

Disclosure information reflecting status of individual speaker financial interest and/or professional relationships with supporters of this conference has been provided for you to review and reference. This is to ensure presentations are free of conflict of interest and allows you, the audience, to determine if information provided by speakers is unbiased. *Definition of the word bias:* To influence in a particular, typically unfair direction; prejudice.

Deborah Ader, PhD, Director, National Institutes of Health, Rockville, MD, USA

Disclosure: none

*BIOPSYCHOSOCIAL RHEUMATIC DISEASES ROUNDTABLE*

Andrey Anokhin, PhD, Research Instructor, Department of Psychiatry, Washington University School of Medicine, St. Louis, MO, USA

Disclosure: none

*HERITABILITY OF HEART RATE VARIABILITY IN YOUNG WOMEN*

Mike Antoni, PhD, Professor of Psychology, Department of Psychology, University of Miami, Coral Gables, FL, USA

Disclosure: none

*TRAUMA, DEPRESSION, COPING AND BEHAVIORAL TREATMENT AFFECT HIV DISEASE COURSE*

*EFFECTS OF STRESS MANAGEMENT IN HIV/AIDS*

Michael Babyak, PhD, Associate Clinical Professor of Medical Psychology, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC, USA

Disclosure: none

*TELEPHONE-BASED STRESS MANAGEMENT FOR PATIENTS AWAITING LUNG TRANSPLANTATION: THE INSPIRE STUDY*

*RECENT ADVANCES IN STATISTICAL METHODOLOGY: AN OVERVIEW*

Brian Baker, FRCPC, Associate Professor, Department of Psychiatry, University of Toronto, Psychiatry, Toronto, ON, Canada

Disclosure: none

*MARITAL COHESION MODERATES THE ELEVATION OF AMBULATORY BLOOD PRESSURE DUE TO JOB STRAIN*

Robert Banzett, PhD, Associate Professor, Physiology Program, Harvard School of Public Health, Beth Israel Deaconess Medical Ctr, Boston, MA, USA

Disclosure: none

*NEUROPHYSIOLOGY AND PSYCHOPHYSICS OF SHORTNESS OF BREATH*

Vernon Barnes, PhD, research scientist, Georgia Prevention Institute, Pediatrics, Medical College of Georgia, Augusta, GA, USA

Disclosure: none

*IMPACT OF TRANSCENDENTAL MEDITATION ON VASCULAR FUNCTION IN AFRICAN AMERICAN ADOLESCENTS*

Victoria Beckner, PhD, Research Scholar, Psychiatry, University of California San Francisco, San Francisco, CA, USA

Disclosure: none

*THE EFFECT OF STRESS AND ENDOGENOUS CORTISOL ON DISTINCT MEMORY PROCESSES*

Ali Berlin, MA, Graduate Fellow Dept. of Medical and Clinical Psychology, Uniformed Services University of the Health Sciences, Bethesda, MD, USA

Disclosure: none

*DEVELOPMENT OF DEPRESSIVE SYMPTOMS IN RESPONSE TO EXERCISE WITHDRAWAL*

M. Bleil, MS, Graduate Student, University of Pittsburgh, Pittsburgh, PA, USA

Disclosure: none

*TRAIT NEGATIVE AFFECT PREDICTS VARIATION IN CARDIAC AUTONOMIC FUNCTION*

James Blumenthal, PhD, Professor of Medical Psychology, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC, USA

Disclosure: none

USA

*THE ENRICHED TRIAL: FACT OR FICTION?*

Julienne Bower, PhD, Assistant Professor in Residence, Cousins Center for Psychoneuroimmunology, UCLA, Los Angeles, CA, USA

Disclosure: none

*MECHANISMS OF FATIGUE DURING RADIATION THERAPY FOR BREAST AND PROSTATE CANCER*

Malinda Breda, PhD, Program Coordinator, Caring Community - Living with Cancer, Clinical Psychology, Alliant Intl Univ, San Diego, CA, USA

Disclosure: none

*A CONTROLLED CLINICAL TRIAL OF THE EFFECTS OF YOGA ON HEALTH STATUS IN FIBROMYALGIA PATIENTS*

Elizabeth Brondolo, PhD, Prof, Psych, St. John's Univ, Jamaica, NY, USA

Disclosure: none

*SES, MOOD, AND HEALTH: NEW FINDINGS ON COMPLEX RELATIONSHIPS*

*DIMENSIONS OF SOCIO-ECONOMIC STATUS ARE RELATED TO NEGATIVE MOOD AND HOSTILITY IN A COMMUNITY SAMPLE*

Jos Brosschot, PhD, Associate Professor, Dept of Psych., Clinic & Hlth Psychology, Univ of Leiden, Leiden, The Netherlands

Disclosure: none

*THE ROLE OF RUMINATION AND WORRY IN PROLONGED PHYSIOLOGICAL STRESS RESPONSES*

*CARDIAC VAGAL REACTIVITY AND RISK FOR CARDIOVASCULAR DISEASE*

Lena Brydon, PhD, Research Fellow in Psychobiology, Epidemiology and Public Health, University College London, London, England, UK

Disclosure: none

*STRESS-INDUCED INCREASES IN INTERLEUKIN-6 AND FIBRINOGEN PREDICT AMBULATORY BLOOD PRESSURE AT 3-YEAR FOLLOW UP*

Matthew Burg, PhD, Associate Clinical Professor of Medicine, Cardiovascular Medicine, Yale University School of Medicine, New Haven, CT, USA

Disclosure: none

*CENTRAL NERVOUS SYSTEM (CNS) ACTIVITY DURING MENTAL STRESS AS A FUNCTION OF TRAIT BASED MEASURES OF ANGER:*

*A POSITRON EMISSION TOMOGRAPHY (PET) STUDY.*

Heather Burke, PhD, Postdoctoral Scholar, Psychiatry, University of California, San Francisco, San Francisco, CA, USA

Disclosure: none

*DEPRESSIVE SYMPTOMS ARE ASSOCIATED WITH BLUNTED CORTISOL STRESS RESPONSES IN VERY LOW-INCOME WOMEN*

## Oral Presenters, *continued*

Victoria Burns, PhD, Roberts Research Fellow, Sportex, University of Birmingham, Birmingham, UK

Disclosure: none

*ACTIVATION OF THE COMPLEMENT CASCADE BY ACUTE PSYCHOLOGICAL STRESS IS NOT POTENTIATED BY THE PRESENCE OF AN INDWELLING CATHETER*  
*PSYCHOSOCIAL AND BEHAVIORAL INFLUENCES ON ANTIBODY RESPONSE TO VACCINATION*

William Busse, MD, Professor of Medicine, University of Wisconsin Medical School, University of Wisconsin, Madison, WI, USA

Disclosure: none

*A NEW LOOK AT THE ROLE OF STRESS AND THE CENTRAL NERVOUS SYSTEM IN ASTHMA*

Sonia Cavigelli, PhD, Assistant Professor, Biobehavioral Health, Pennsylvania State University, State College, PA, USA

Disclosure: none

*EXPLORATORY TENDENCY DURING INFANCY AND SURVIVAL IN FEMALE RATS WITH SPONTANEOUS TUMORS*

Edith Chen, PhD, Asst Prof, Psych, Univ of BC, Vancouver, BC, Canada

Disclosure: none

*PROGRESS IN RESPIRATORY DISEASE: LONGITUDINAL RESEARCH, PSYCHONEUROIMMUNOLOGY, BRAIN IMAGING AND BEHAVIORAL INTERVENTION*  
*SOCIOECONOMIC STATUS, STRESS, AND CHILDHOOD HEALTH AND BIOLOGY*  
*STRESS AND BIOLOGY DURING CHILDHOOD*

Margaret Chesney, PhD, Deputy Director, National Center of Complimentary & Alternative Medicine, NIH, Bethesda, MD, USA

Disclosure: none

*PSYCHOSOMATIC, MIND-BODY AND COMPLEMENTARY MEDICINE: SURVEYING THE LANDSCAPE*  
*CAN TEAM SCIENCE CATALYZE INNOVATIVE ADVANCES IN MIND-BODY RESEARCH?*

Alan Christensen, PhD, Professor of Psychology and Medicine, Ell Seashore Hall, University of Iowa, Iowa City, IA, USA

Disclosure: none

*PATIENT ADHERENCE TO MEDICAL REGIMENS: LEVELS OF UNDERSTANDING AND INTERVENTION*

Christopher Coe, PhD, Prof, Psych, Univ of Wisconsin, Madison, WI, USA

Disclosure: none

*IMMUNE INSIGHTS INTO FIBROMYALGIA*

Lorenzo Cohen, PhD, Associate Professor, Behavioral Science, The University of Texas M. D. Anderson Cancer Center, Houston, TX, USA

Disclosure: none

*A RANDOMIZED TRIAL OF A TIBETAN YOGA INTERVENTION FOR BREAST CANCER PATIENTS*

Steven Cole, PhD, Assistant Professor, Dept of Medicine (Hem-Onc), UCLA School of Medicine, Los Angeles, CA, USA

Disclosure: none

*INFLAMMATION & IMMUNITY WORKSHOP*

Silla Consoli, MD, PhD, Professor of Psychiatry, C-L Psychiatry, European Georges Pompidou Hospital, Paris, France

Disclosure: none

*SOCIAL ANXIETY IS ASSOCIATED WITH HIGHER LEVELS OF EMOTIONAL AWARENESS IN OBESE PATIENTS WAITING FOR GASTRIC BANDING SURGERY*

Susan Czajkowski, PhD, Project Officer, NHLBI DECA BMSRG, NIH, Bethesda, MD, USA

Disclosure: none

*CUTTING EDGE PRIORITIES FOR NIH*

Karina Davidson, PhD, Associate Professor of Behavioral Medicine, Medicine, Columbia University, New York, NY, USA

Disclosure: none

*ELECTRONIC EVENT MONITORING OF ADHERENCE TO ASPIRIN IN REMITTING VS. PERSISTENTLY DYPHORIC POST-ACUTE CORONARY SYNDROME PATIENTS*  
*THE COCHRANE COLLECTION: WHAT IS IT AND WHY SHOULD YOU CARE?*

Mary Davis, PhD, Associate Professor, Department of Psychology, Arizona State University, Tempe, AZ, USA

Disclosure: none

*HEART RATE AND FACIAL EMG RESPONSES TO AFFECTIVE STIMULI IN WOMEN WITH FIBROMYALGIA AND OSTEOARTHRITIS*

Johan Denollet, PhD, Medical Psychology, Tilburg University, Tilburg, The Netherlands

Disclosure: none

*FOCUS OF BEHAVIORAL INTERVENTION IN CORONARY HEART DISEASE: WHAT LIES BEYOND DEPRESSION?*

Firdaus Dhabhar, PhD, Associate Professor, College of Dentistry & College of Medicine, Ohio State University, Columbus, OH, USA

Disclosure: none

*STRESS AND THE IMMUNE RESPONSE: THE SUPPRESSION PARADIGM REVISITED FROM LAB BENCH TO REAL LIFE*  
*BI-DIRECTIONAL EFFECTS OF STRESS AND STRESS HORMONES ON CELL-MEDIATED IMMUNITY*

Sally Dickerson, PhD, Assistant Professor, Psychology & Social Behavior, UCI, Irvine, CA, USA

Disclosure: none

*SOCIAL-EVALUATIVE THREAT AND PROINFLAMMATORY CYTOKINE RESPONSES TO ACUTE STRESS: AN EXPERIMENTAL LABORATORY INVESTIGATION*

Joel Dimsdale, MD, Professor of Psychiatry, Department of Psychiatry, University of California San Diego, La Jolla, CA, USA

Disclosure: none

*SLEEP IN CAREGIVERS OF PATIENTS WITH ALZHEIMER'S DISEASE VS. NON-CAREGIVERS*

Andrea Dunn, PhD, Director, Behavioral Science Research Group, Behavioral Science Research Group, The Cooper Institute, Dallas, TX, USA

Disclosure: none

*EXERCISE AND DEPRESSION: MEETING STANDARDS TO ESTABLISH TREATMENT EFFICACY*

Charles Engel, MD, Associate Professor, Psychiatry, Uniformed Services University, Bethesda, MD, USA

Disclosure: none

*ASSESSMENT AND TRIAGE OF MASS IDIOPATHIC ILLNESS ASSOCIATED WITH CHEMICAL, BIOLOGICAL, OR RADIOLOGICAL TERRORIST ATTACK*

Elissa Epel, PhD, Asst Prof, Psychiatry, UCSF, San Francisco, CA, USA

Disclosure: none

*LIFE STRESS AND STRESS REACTIVITY ARE LINKED TO MARKERS OF CELL AGING*

## Oral Presenters, *continued*

Craig Ewart, PhD, Professor of Psychology, Psychology, Syracuse University, Syracuse, NY, USA

Disclosure: none

*MEASURING SELF-REGULATORY COMPETENCE IN ADOLESCENTS: NEW INSIGHTS INTO BEHAVIORAL MECHANISMS OF CARDIOVASCULAR HEALTH*

*AGNOSTIC STRESS, TRANSCENDENCE STRIVING, AND SOCIAL-EMOTIONAL COMPETENCE*

Joachim Fischer, MD, MD MSc, Institute of Behavioral Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland

Disclosure: not provided

*CUMULATIVE CARDIOVASCULAR RISK IS ASSOCIATED WITH REDUCED CIRCULATING ENDOTHELIAL PROGENITOR CELLS IN MIDDLE-AGED ADULTS*

*STRESS AND THE IMMUNE RESPONSE: THE SUPPRESSION PARADIGM REVISITED FROM LAB BENCH TO REAL LIFE ERRATIC VALUES OR ENDOCRINE FINGERPRINT? SALIVARY CORTISOL MEASUREMENTS IN LARGE FIELD STUDIES*

Johannes Fischer, MD, ITZ, University-Hospital, Duesseldorf, Germany

Disclosure: none

*ACUTE MENTAL STRESS, ADVERSE WORKING CONDITIONS AND VITAL EXHAUSTION AFFECT CYTOTOXIC T-CELL SUBPOPULATIONS AFTER CONTROLLING FOR DEMOGRAPHIC AND BIOMEDICAL VARIABLES*

Michael Forlenza, PhD, Post-Doctoral Fellow, CCEP, UNC Lineberger, Chapel Hill, NC, USA

Disclosure: none

*INCREASED SERUM LEVELS OF 8-OHdG IN CLINICAL DEPRESSION*

Nancy Frasure-Smith, PhD, Professor of Psychiatry, Montreal Heart Institute, Montreal, QC, Canada

Disclosure: none

*THE PERPLEXING PUZZLE OF DEPRESSION IN CORONARY ARTERY DISEASE*

Kenneth Freedland, PhD, Professor of Psychiatry, Psychiatry, Washington University School of Medicine, St. Louis, MO, USA

Disclosure: none

*THERE IS MADNESS IN OUR METHODS: THE STATISTICAL REVOLUTION IN PSYCHOSOMATIC MEDICINE*

Elliot Friedman, PhD, Postdoctoral Fellow, Dept. of Population Health Sciences, University of Wisconsin, Madison, WI, USA

Disclosure: none

*PSYCHOLOGICAL WELL-BEING AND PRO-INFLAMMATORY FACTORS IN A SAMPLE OF AGING WOMEN*

Shin Fukudo, MD, PhD, Professor, Behavioral Medicine, Tohoku University Graduate School of Medicine, Sendai, Japan

Disclosure: none

*ROLE OF HISTAMINE IN BRAIN PROCESSING OF INTEROCEPTION*

William Gerin, PhD, Associate Professor, Medicine/Cardiology, Columbia University, New York, NY, USA

Disclosure: none

*CUTTING EDGE SYMPOSIUM CAREER DEVELOPMENT WORKSHOP*

Peter Gianaros, PhD, Assistant Professor of Psychiatry, Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

Disclosure: none

*ON THE MARKET: SEARCHING FOR AND GETTING A JOB IN ACADEMIA*

*FUNCTIONAL NEURAL CORRELATES OF CARDIOVASCULAR AND CARDIAC AUTONOMIC REACTIVITY TO PSYCHOLOGICAL STRESSORS IN HEALTH AND DISEASE*

Maarit Gockel, PhD, MD, Appraisal and Rehabilitation Department, Tapiola Pension, Espoo, Finland

Disclosure: none

*EFFECT OF APPLIED RELAXATION ON SOMATIC SYMPTOMS AND PSYCHOPHYSIOLOGICAL DETERMINANTS OF STRESS*

E. Goldbacher, MS, Graduate Student, Psychology, University of Pittsburgh, Pittsburgh, PA, USA

Disclosure: none

*DOES HISTORY OF DEPRESSION AFFECT YOUR WAISTLINE?*

Marcus Green, Graduate Student, Department of Psychology, Brigham Young University, Provo, UT, USA

Disclosure: none

*SUBJECTIVE SOCIAL STATUS, PERCEIVED RACISM, AND SELF-REPORTED HEALTH IN A SAMPLE OF HISPANIC AMERICAN IMMIGRANTS*

Jeffrey Greeson, MS, Doctoral Candidate, Behavioral Medicine Research Center, University of Miami, Miami, FL, USA

Disclosure: none

*PSYCHOLOGICAL DISTRESS AND HIV DISEASE PROGRESSION: ROLE OF NATURAL KILLER CELL IMMUNITY*

Martica Hall, PhD, Assistant Professor of Psychiatry, Psychiatry, University of Pittsburgh, Pittsburgh, PA, USA

Disclosure: none

*CAREER DEVELOPMENT WORKSHOP SLEEP, HEALTH AND DISEASE*

Mark Hamer, PhD, Research Fellow, Psychobiology, University College London, London, UK

Disclosure: none

*HIGH JOB DEMANDS PREDICT CIRCULATING C-REACTIVE PROTEIN RESPONSES TO MENTAL STRESS*

Margaret Hanson, BA, Master's Student, Clinical Psychology, Psychology, University of British Columbia, Vancouver, BC, Canada

Disclosure: none

*ASSOCIATIONS AMONG MARKERS OF SOCIO-ECONOMIC STATUS AND SUBSTANCE USE BEHAVIORS IN ADOLESCENTS*

Jeanne Hernandez, MSPH, Clinical Assistant Professor, Department of Anesthesiology, Chapel Hill, NC, USA

Disclosure: none

*THE USE OF HYPNOSIS IN MEDICINE AND MEDICAL RESEARCH*

Gail Ironson, MD, PhD, Professor of Psychology and Psychiatry, Department of Psychology, University of Miami, Coral Gables, FL, USA

Disclosure: none

*OPTIMISM PREDICTS SLOWER DISEASE PROGRESSION IN HIV THROUGH INCREASED PROACTIVE BEHAVIOR, DECREASED AVOIDANT COPING, AND LOWER DEPRESSION*

*POSTTRAUMATIC STRESS SYMPTOMS, INTRUSIVE THOUGHTS AND DISRUPTION ARE LONGITUDINALLY RELATED TO ELEVATED CORTISOL AND CATECHOLAMINES FOLLOWING HURRICANE ANDREW*

## Oral Presenters, *continued*

Michael Irwin, MD, Professor of Psychiatry and Behavioral Sciences, Cousins Center for Psychoneuroimmunology, Department of Psychiatry, UCLA Neuropsychiatric Institute, Los Angeles, CA, USA

Disclosure: none

*SLEEP DEPRIVATION POTENTIATES ACTIVATION OF CARDIOVASCULAR AND CATECHOLAMINE RESPONSES IN ABSTINENT ALCOHOL DEPENDENT MEN*

*COCAINE INFUSION INDUCES A SUSTAINED SUPPRESSION OF MONOCYTE PROINFLAMMATORY CYTOKINE EXPRESSION*

*EFFECTS OF A BEHAVIORAL INTERVENTION, TAI CHI CHIH, ON ELEVATED PLASMA LEVELS OF INTERLEUKIN-6 IN OLDER ADULTS*

Shamini Jain, MS, Graduate Student, Clinical Psychology/Behavioral Medicine, Psychiatry, University of California, San Diego, CA, USA

Disclosure: none

*PERCEIVED STRESS PREDICTS INCREASED INFLAMMATION AND COAGULABILITY*

J. Richard Jennings, PhD, Professor of Psychiatry and Psychology, Psychiatry, University of Pittsburgh, Pittsburgh, PA, USA

Disclosure: none

*MONTHLY AND MOMENTARY POSITIVE AFFECT RELATES TO DEGREE OF CEREBRAL BLOOD FLOW ACTIVATION*

Peter Kauffman, PhD, Head, Behavioral Medicine Research Group, National Heart, Lung, and Blood Institute, Bethesda, MD, USA

Disclosure: none

*THE COCHRANE COLLABORATION*

Francis Keefe, PhD, Professor, Department of Psychiatry, Duke University Medical Center, Durham, NC, USA

Disclosure: none

*BIOPSYCHOSOCIAL RHEUMATIC DISEASES ROUNDTABLE*

Janice Kiecolt-Glaser, PhD, Professor, Department of Psychiatry, Ohio State University, College of Medicine, Columbus, OH, USA

Disclosure: none

*BIOPSYCHOSOCIAL IMPACT OF TERRORISM, OUTBREAKS AND DISASTERS: ARE WE REALLY READY?*

*MARRIAGE, STRESS, IMMUNITY AND WOUND HEALING*

Clemens Kirschbaum, PhD, Professor of Biological Psychology, Psychology, Technical University of Dresden, Dresden, Germany

Disclosure: none

*SALIVARY CORTISOL: HISTORY, TECHNIQUES, PARAMETERS, PROBLEMS*

*THE INS AND OUTS OF CORTISOL RESEARCH IN PSYCHOSOMATIC MEDICINE*

Mary Klinnert, PhD, Associate Professor, National Jewish Medical and Research Center, Denver, CO, USA

Disclosure: none

*PSYCHOSOCIAL INFLUENCES ON THE DEVELOPMENT AND PERSISTENCE OF PEDIATRIC ASTHMA*

Jenny Koertge, PhD, Psychologist, Department of Public Health, Karolinska Institutet, Stockholm, Sweden

Disclosure: none

*EFFECTS OF A STRESS MANAGEMENT PROGRAM ON VITAL EXHAUSTION, DEPRESSION, AND BIOLOGICAL VARIABLES IN WOMEN WITH CORONARY HEART DISEASE. A RANDOMIZED CONTROLLED INTERVENTION STUDY*

Cheryl Koopman, PhD, Associate Professor, Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA, USA

Disclosure: none

*WHAT'S LOVE GOT TO DO WITH IT: ALTRUISM, GENERATIVITY, AND SPIRITUALITY IN THE AFTERMATH OF 9/11*

*TASK FORCE ON BIOPSYCHOSOCIAL CONSEQUENCES OF DISASTER AND TERRORISM*

Helen Kraemer, PhD, Professor of Biostatistics in Psychiatry, Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA, USA

Disclosure: none

*WORKSHOP ON THE MACARTHUR MODEL FOR TESTING MEDIATORS AND MODERATORS*

*THE IMPORTANCE OF CLEAR LANGUAGE: CORRELATES, RISK FACTORS, CASUAL FACTORS, MODERATORS, AND MEDIATORS*

Brigitte Kudielka, PhD, Emmy Nother Assistant Professor, German Research Foundation, Clinical and Theoretical Psychobiology, University of Trier, Trier, Germany

Disclosure: none

*DETERMINANTS OF THE CORTISOL AWAKENING RESPONSE (CAR)*

Martijn Kwaijtaal, MSc, PhD Student, Medical Microbiology, Maastricht University, Maastricht, Limburg, The Netherlands

Disclosure: none

*IMPACT OF A BEHAVIORAL INTERVENTION ON INFLAMMATION IN CORONARY PATIENTS*

Jeffrey Lackner, PsyD, Assistant Professor, Department of Medicine, UB, SUNY, Buffalo, NY, USA

Disclosure: none

*IS IBS A PROBLEM OF EMOTION DYSREGULATION?: A TEST OF THE LEVELS OF EMOTIONAL AWARENESS MODEL*

Karl Ladwig, Professor, Institute of Epidemiology, GSF Nat. Research Center for Environment and Health, Neuherberg, Germany

Disclosure: none

*CONTEMPLATING TO QUIT CURRENT SMOKING STATUS: DIFFERENCES IN BEHAVIOURAL AND PSYCHOSOCIAL PATTERNS OF IMMOTIVE AND ACTIVELY CONTEMPLATING SMOKERS*

Richard Lane, MD, PhD, Professor of Psychiatry, Psychology and Neuroscience, Psychiatry, University of Arizona, Tucson, AZ, USA

Disclosure: none

*STRESS AND CORONARY HEART DISEASE: THE NEUROCARDIAC INTERACTION*

*THE CLINICAL IMPORTANCE OF LEVELS OF EMOTIONAL AWARENESS*

*THEORY AND MEASUREMENT OF LEVELS OF EMOTIONAL AWARENESS*

Paul Lehrer, PhD, Prof of Psychiatry, UMDNJ-Robert Wood Johnson Medical School, Piscataway, NJ, USA

Disclosure: Thought Technology, J&J Engineering, Heart Math Inst., InterCure, Bio com--Received free HRV biofeedback equipment;

Unlabeled/off-label use of FDA-approved product--Repe-rate; Investigational product (not FDA approved)--Freeze Framer, Cardiopro

HRDFT programs and hardware for HRV

*HEART RATE VARIABILITY: ITS RELEVANCE TO PSYCHOSOMATIC MEDICINE*

*HEART RATE VARIABILITY BIOFEEDBACK TRAINING AS A TREATMENT FOR ASTHMA*

*PROGRESS IN RESPIRATORY DISEASE: LONGITUDINAL RESEARCH, PSYCHONEUROIMMUNOLOGY, BRAIN IMAGING, AND BEHAVIORAL INTERVENTION*

## Oral Presenters, *continued*

Jane Leserman, PhD, Professor, Psychiatry, Univ. of North Carolina at Chapel Hill, Chapel Hill, NC, USA

Disclosure: none

*THE ROLE OF TRAUMA, STRESS AND COPING IN ADHERENCE TO HIV MEDICATIONS*

*TRAUMA, DEPRESSION, COPING AND BEHAVIORAL TREATMENT AFFECT HIV DISEASE COURSE*

Francois Lesperance, MD, Associate Professor, Psychiatry, University of Montreal, Montreal, QC, Canada

Disclosure: none

*IS THERE LIFE AFTER ENRICHED?*

*A PILOT STUDY OF OMEGA-3 SUPPLEMENTS FOR DEPRESSION  
ALTERNATIVE TREATMENTS FOR TARGETING DEPRESSION,  
STRESS AND CARDIOVASCULAR RISK FACTORS*

Susan Levenstein, MD, Adjunct Clinical Physician, Gastroenterology Department, San Camillo-Forlanini Hospital, Rome, Italy

Disclosure: none

*GASTROINTESTINAL DISORDERS*

Elizabeth Lin, MD, Scientific Investigator, Associate Professor (clinical), Department of Psychiatry and Behavioral Sciences, U of Washington School of Medicine, Center for Health Studies and Family Medicine, Group Health Cooperative, Seattle, WA, USA

Disclosure: none

*EFFECTS OF ENHANCED DEPRESSION CARE ON DIABETES SELF-MANAGEMENT: A RANDOMIZED-CONTROLLED TRIAL*

Wolfgang Linden, PhD, Professor, Psychology, University of British Columbia, Vancouver, BC, Canada

Disclosure: none

*THE ROLE OF RUMINATION AND WORRY IN PROLONGED PHYSIOLOGICAL STRESS RESPONSES*

*DOES HOSTILITY MEDIATE THE PROSPECTIVE ASSOCIATION OF OBESITY AND 10-YEAR BLOOD PRESSURE CHANGE?*

*THE CLINICAL IMPORTANCE OF LEVELS OF EMOTIONAL AWARENESS*

*IS THERE LIFE AFTER ENRICHED ?*

Maria Llabre, PhD, Professor of Psychology, Psychology, University of Miami, Coral Gables, FL, USA

Disclosure: none

*COPING WITH THE REALITIES OF LONGITUDINAL DATA:  
ANALYZING CHANGE OVER TIME IN THE PRESENCE OF MISSING DATA*

Steven Locke, MD, Associate Professor of Psychiatry, Harvard Medical School, Psychiatry, Harvard Medical School, Wayland, MA, USA

Disclosure: none

*TASK FORCE ON BIOPSYCHOSOCIAL CONSEQUENCES OF DISASTER AND TERRORISM*

*BIOPSYCHOSOCIAL IMPACT OF TERRORISM, OUTBREAKS AND DISASTERS: ARE WE REALLY READY?*

Susan Lutgendorf, PhD, Associate Professor, Departments of Psychology and Obstetrics and Gynecology, U. of Iowa, Iowa City, IA, USA

Disclosure: none

*INFLAMMATION & IMMUNITY*

*SOCIAL SUPPORT, DISTRESS AND NATURAL KILLER CELL ACTIVITY IN THE OVARIAN CANCER MICROENVIRONMENT*

Steve Maier, PhD, Distinguished Professor, Dept of Psychology & the Ctr for Neuroscience, Univ of CO at Boulder, Boulder, CO, USA

Disclosure: none

*IMMUNE-TO-BRAIN COMMUNICATION: IMPLICATIONS FOR UNDERSTANDING COGNITION AND PAIN*

Gailen Marshall, MD, PhD, Professor of Medicine and Pathology, Division of Allergy and Clinical Immunology, Dept. of Medicine, University of Mississippi Medical Center, Jackson, MS, USA

Disclosure: none

*IMPACT OF PSYCHOLOGICAL STRESS ON ASTHMA: FROM BENCH TO BEDSIDE*

Anna Marsland, PhD, Assistant Professor of Psychology and Nursing, Department of Psychology, University of Pittsburgh, Pittsburgh, PA, USA

Disclosure: none

*TRAIT POSITIVE AFFECT AND ANTIBODY RESPONSE TO HEPATITIS B VACCINATION*

Karen Matthews, PhD, Professor of Psychiatry, Psychology, and Epidemiology; Director of Pittsburgh Mind-Body Center, Dept. of Psychiatry, University of Pittsburgh, Pittsburgh, PA

Disclosure: none

*GETTING TO THE HEART OF THE MATTER: ORIGINS OF CARDIOVASCULAR RISK*

Scott Matthews, MD, Research Fellow, Psychiatry, University of California San Diego, La Jolla, CA, USA

Disclosure: none

*DEPRESSIVE SYMPTOMS ARE ASSOCIATED WITH INCREASED SYSTEMIC VASCULAR RESISTANCE TO STRESS*

Emeran Mayer, MD, Center for Neurovisceral Sciences & Women's Health, BRI, Geffen School of Medicine, at UCLA and VA GLAHS, Los Angeles, CA, USA

Disclosure: none

*VISCERAL DISCOMFORT IN IBS PATIENTS IS ASSOCIATED WITH ABNORMAL FUNCTIONAL CONNECTIVITY OF PERIAQUEDUCTAL GREY (PAG) WITH ANTERIOR CINGULATE (ACC) AND PREFRONTAL (PFC) CORTICES*

Jeanne, McCaffery, PhD, Assistant Professor of Psychiatry and Human Behavior, Centers for Behavioral and Preventive Medicine, Brown Medical School and The Miriam Hospital, Providence, RI, USA

Disclosure: none

*CONFIRMATORY FACTOR ANALYSIS OF THE METABOLIC SYNDROME AMONG MEN WITH NORMAL BLOOD PRESSURE OR UNTREATED HYPERTENSION*

*EDUCATION LEVEL MODERATES THE HERITABILITY OF HYPERTENSION AMONG MALE VIETNAM-ERA TWINS*

Paige McDonald, PhD, Program Director/Health Specialist, National Cancer Institute, Rockville, MD, USA

Disclosure: none

*CAN TEAM SCIENCE CATALYZE INNOVATIVE ADVANCES IN MIND-BODY RESEARCH?*

Bonnie McGregor, PhD, Assistant Member, Cancer Prevention Program, Public Health Sciences Division, Fred Hutchinson Cancer Research Center, Seattle, WA, USA

Disclosure: none

*THE EFFECT OF PRE-TRANSPLANT DISTRESS ON IMMUNE RECONSTITUTION AMONG ADULT HEMATOPOIETIC CELL TRANSPLANTATION PATIENTS*

## Oral Presenters, *continued*

Carlos Mendes de Leon, PhD, Associate Professor of Internal Medicine, Internal Medicine, Rush University Medical Center, Chicago, IL, USA  
Disclosure: none

*I DON'T KNOW GREEK, IS THAT AN EXCUSE? HOW TO IMPROVE ON THE STATISTICAL METHODS WE USE IN PSYCHOSOMATIC RESEARCH*

Marcellus Merritt, PhD, Research Fellow (non-academic), Gerontology Research Center/LPC, National Institute on Aging, Baltimore, MD, USA  
Disclosure: none

*HYPERTENSION AND REDUCED AUTONOMIC RESPONSE TO AFFECTIVE STIMULI AMONG AFRICAN-AMERICAN ADULTS  
ENDOTHELIAL NITRIC OXIDE SYNTHASE AND ANGIOTENSIN CONVERTING ENZYME I/D POLYMORPHISMS GENOTYPES AND RESTING HEART RATE VARIABILITY AMONG AFRICAN AMERICANS*

Gregory Miller, PhD, Assistant Professor, Psychology, University of British Columbia, Vancouver, BC, Canada

Disclosure: none

*EMOTIONS, IMMUNITY AND DISEASE: TALES FROM PSYCHONEUROIMMUNOLOGY  
PSYCHOSOCIAL AND BEHAVIORAL INFLUENCES ON ANTIBODY RESPONSE TO VACCINATION*

O. Mittag, ScD, Doctor of Science, Social Medicine, University of Luebeck, Luebeck, Germany

Disclosure: none

*GENDER SPECIFIC EFFECTS OF A TELEPHONE COUNSELING INTERVENTION FOLLOWING CARDIAC REHABILITATION*

Laust Mortensen, BA, Research Assistant, BA, Center for Alcohol Research, National Institute of Public Health, Copenhagen, Denmark

Disclosure: none

*INTELLIGENCE IN RELATION TO LATER BEVERAGE PREFERENCES AND ALCOHOL INTAKE*

Matthew Muldoon, MD, Associate Professor of Medicine, Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

Disclosure: none

*EFFECTS OF OMEGA-3 FATTY ACIDS ON CARDIOVASCULAR DISEASE MECHANISMS AND A PUTATIVE MODEL LINKING DEFICIENT DIETARY OMEGA-3 FATTY ACID INTAKE TO HEART DISEASE AND DEPRESSION*

Raymond Niaura, PhD, Professor, of Psychiatry & Human Behavior, Butler Hospital Transdisciplinary Research, Providence, RI, USA

Disclosure: none

*THE METABOLIC SYNDROME: CLINICAL DEFINITIONS, EPIDEMIOLOGY, AND FUTURE DIRECTIONS*

Robert Nolan, PhD, Dir, Behavioural Cardiology Rsrch Unit, Univ Health Network; Asst Prof, Faculty of Medicine, Univ of Toronto, Behavioural Cardiology Rsrch Unit, Univ Health Network, Toronto, ON, Canada

Disclosure: none

*SELF-REGULATION OF VAGAL EFFERENT CONTROL OF HEART RATE AND THE POTENTIAL FOR BEHAVIORAL NEUROCARDIAC INTERVENTIONS TO AUGMENT THE ANTI-INFLAMMATORY REFLEX*

Conall O'cleirigh, PhD, Post Doctoral Fellow, Psychology, Univ. of Miami, Coral Gables, FL, USA

Disclosure: none

*AN EXAMINATION OF DRUG/ALCOHOL USE AS A MECHANISM RELATING DEPRESSION TO HIV DISEASE PROGRESSION (CD4 AND HIV-1 VIRAL LOAD) OVER 2 YEARS IN A DIVERSE HIV+ SAMPLE*

Kathleen O'Connell, PhD, Isabel Maitland Stewart Professor of Nursing Education, Health and Behavior Studies, Teachers College Columbia University, New York, NY, USA

Disclosure: none

*NARRATIVE INDICATORS OF DIMINISHED AGENCY RELATE TO CRAVING AND NEGATIVE AFFECT DURING SMOKING CESSATION*

Mary-Frances O'Connor, PhD, Post-Doctoral Fellow, Neuropsychiatric Institute, UCLA, Los Angeles, CA, USA

Disclosure: none

*FUNCTIONAL NEUROANATOMICAL CORRELATES OF EMOTIONAL AROUSAL DURING GRIEF  
STRESS AND NEUROIMAGING ROUNDTABLE*

Hideki Ohira, PhD, Psychology, Nagoya University, Nagoya, Japan

Disclosure: none

*BRAIN-IMMUNE ASSOCIATION IN UNCONTROLLABLE STRESS: A PET STUDY*

Deidre Pereira, PhD, Assistant Professor, Clinical & Health Psychology, U of FL, Gainesville, FL, USA

Disclosure: none

*COGNITIVE BEHAVIORAL STRESS MANAGEMENT (CBSM) EFFECTS ON REGRESSION OF CERVICAL DYSPLASIA AMONG HIV+ WOMEN*

Anna Phillips, MSc, research associate and PhD student, School of Sport and Exercise Sciences, University of Birmingham, Birmingham, UK

Disclosure: none

*THE ASSOCIATION BETWEEN LIFE EVENTS, SOCIAL SUPPORT, NEUROTICISM AND ANTIBODY STATUS FOLLOWING THYMUS-DEPENDENT AND THYMUS-INDEPENDENT VACCINATIONS.*

Thomas Pickering, MD, DPhil, Assistant Professor of Medicine, Medicine, Columbia University Medical College, New York, NY, USA

Disclosure: none

*SES, MOOD, AND HEALTH: NEW FINDINGS ON COMPLEX RELATIONSHIPS  
SLEEP AND CARDIOVASCULAR DISEASE*

Sarah Pressman, MS, Graduate Student, Department of Psychology, Carnegie Mellon University, Pittsburgh, PA, USA

Disclosure: none

*THE IMPACT OF SLEEP ON INFLUENZA IMMUNIZATION RESPONSE  
CORTISOL RHYTHM IN HEALTHY STUDENTS: POSITIVE BUT NOT NEGATIVE EMOTIONS MATTER*

Thomas Ritz, PhD, Full Professor of Psychology, Psychological Institute III, University of Hamburg, Hamburg, Germany

Disclosure: VivoMetrics --Free equipment and tests

*PROGRESS IN RESPIRATORY DISEASE: LONGITUDINAL RESEARCH, PSYCHONEUROIMMUNOLOGY, BRAIN IMAGING AND BEHAVIORAL INTERVENTION*

Kristen Salomon, PhD, Assistant Professor, Department of Psychology, University of South Florida, Tampa, FL, USA

Disclosure: none

*CARDIAC VAGAL REACTIVITY AND RISK FOR CARDIOVASCULAR DISEASE*

*CARDIAC VAGAL CONTROL DURING STRESS AND RISK FOR CARDIOVASCULAR DISEASE*

## Oral Presenters, *continued*

Virginia Sanders, PhD, Professor, Department of Molecular Virology, Immunology & Med Genetic, OH State University, Columbus, OH, USA  
Disclosure: none  
*CYTOKINES IN IMMUNOLOGY*

Joe Schwartz, PhD, Professor of Psychiatry and Behavioral Science, Department of Psychiatry, SUNY Stony Brook, Stony Brook, NY, USA  
Disclosure: none  
*DIURNAL PATTERNS OF CORTISOL: INDIVIDUAL VARIABILITY AND RELIABILITY*

Sari Schwartz, BA, Graduate Student, Dept of Medical and Clinical Psychology, Uniformed Services University of the Health Sciences, Bethesda, MD, USA  
Disclosure: none  
*ATYPICAL DEPRESSION, BODY MASS, AND LEFT VENTRICULAR MASS: ANALYSIS OF DATA FROM CARDIA*

Suzanne Segerstrom, PhD, Associate Professor of Psychology, Dept of Psychology, Univ of Kentucky, Lexington, KY, USA  
Disclosure: none  
*ON THE MARKET: SEARCHING FOR AND GETTING A JOB IN ACADEMIA*

David Sheps, MD, Professor of Medicine, Division of CVD Medicine, University of Florida, Gainesville, FL, USA  
Disclosure: none  
*THERE IS MADNESS IN OUR METHODS: THE STATISTICAL REVOLUTION IN PSYCHOSOMATIC MEDICINE*

Daichi Shimbo, MD, Assistant Professor of Medicine, Behavioral Cardiovascular Health & Hypertension Program, Mount Sinai School of Medicine, New York, NY, USA  
Disclosure: none  
*VULNERABLE PLAQUE: NEW PARADIGMS*

Scott Siegel, MS, Doctoral Candidate, Psychology, University of Miami, Coral Gables, FL, USA  
Disclosure: none  
*SOCIABILITY IS RELATED TO EMOTIONAL-SUPPORT COPING, WELL-BEING, AND 24-HOUR URINARY FREE CORTISOL LEVELS IN MEN RECOVERING FROM TREATMENT FOR PROSTATE CANCER: A STRUCTURAL EQUATION MODELING ANALYSIS*

Don Sin, MD, Associate Professor, Dept of Medicine, St. Paul's Hospital, Vancouver, BC, Canada  
Disclosure: none  
*THE ROLE OF INFLAMMATION IN RESPIRATORY AND AND CARDIOVASCULAR DISEASE*

J.A. Skala, PhD, Lecturer, Washington University, St. Louis, MO, USA  
Disclosure: none  
*DEPRESSION AND LOW PERCEIVED SOCIAL SUPPORT AS PREDICTORS OF MORBIDITY AND MORTALITY AFTER ACUTE MYOCARDIAL INFARCTION: INDEPENDENT EFFECTS AND INTERACTIONS*

Richard Sloan, PhD, Professor, Behavioral Medicine Program, Columbia University, New York, NY, USA  
Disclosure: none  
*HEART RATE VARIABILITY: ITS RELEVANCE TO PSYCHOSOMATIC MEDICINE*

Timothy Smith, PhD, Professor of Psychology, Psychology, University of Utah, Salt Lake City, UT, USA  
Disclosure: none  
*CARDIOVASCULAR REACTIVITY DURING NEGATIVE AND POSITIVE COUPLE INTERACTIONS*

John Sollers, III, PhD, Staff Scientist, Emotion & Quantitative Psychophysiology Section, National Institute on Aging, NIH, Baltimore, MD, USA  
Disclosure: none  
*GENETIC EXPLORATION OF INDIVIDUAL DIFFERENCES*

Robert Soufer, MD, Professor of Internal Medicine, Chief, Cardiovascular Medicine, Yale University School of Medicine, New Haven, CT, USA  
Disclosure: none  
*STRESS AND CORONARY HEART DISEASE: THE NEUROCARDIAC INTERACTION GENDER DIFFERENCES AMONG NORMAL AND CORONARY DISEASE (CAD) SUBJECTS DURING MENTAL STRESS (MS): A POSITRON EMISSION TOMOGRAPHY (PET) STUDY*

Bonnie Spring, PhD, Professor of Psychology, Dept of Psychology, University of Illinois at Chicago, Chicago, IL, USA  
Disclosure: none  
*THE COCHRANE COLLABORATION*

Patrick Steffen, PhD, Assistant Professor, Department of Psychology, Brigham Young University, Provo, UT, USA  
Disclosure: none  
*STRIVING FOR THE AMERICAN DREAM BUT NOT SUCCEEDING: ACHIEVEMENT ORIENTATION CONTRIBUTES TO THE NEGATIVE EFFECTS OF LOW SES ON HEALTH IN HISPANIC AMERICAN IMMIGRANTS*

Jesse Stewart, PhD, Postdoctoral Scholar, Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA  
Disclosure: none  
*DEPRESSION SYMPTOMS PREDICT MORE RAPID PROGRESSION OF CAROTID ATHEROSCLEROSIS*

Arthur Stone, PhD, Professor of Psychiatry and Psychology, Department of Psychiatry and Psychology, SUNY Stony Brook, Stony Brook, NY, USA  
Disclosure: none  
*THE INS AND OUTS OF CORTISOL RESEARCH IN PSYCHOSOMATIC MEDICINE*

Elin Strand, Research Fellow, Behavioural Sciences, University of Oslo, Oslo, Norway  
Disclosure: none  
*POSITIVE AFFECT AS A BUFFER IN THE PAIN-NEGATIVE AFFECT RELATIONSHIP IN PATIENTS WITH RHEUMATOID ARTHRITIS ?*

Edward Suarez, PhD, Associate Research Professor of Medical Psychology, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC, USA  
Disclosure: none  
*THE RELATIONSHIP BETWEEN PSYCHOLOGICAL RISK FACTORS AND INSULIN RESISTANCE: IS INFLAMMATION THE LINK?*

## Oral Presenters, *continued*

Claudia Subic-Wrana, Dipl. Psych, Guiding Psychotherapist of the Department of Psychosomatics and Psychotherapy of the University of Cologne, Koeln, Germany

Disclosure: none

*MULTIMODAL PSYCHOTHERAPEUTIC INPATIENT TREATMENT IMPROVES EMOTIONAL AWARENESS IN PATIENTS WITH PSYCHOSOMATIC CONDITIONS*

Karen Syrjala, PhD, Director, Biobehavioral Sciences, Associate Member, Fred Hutchinson Cancer Research Center, Associate Professor, University of Washington School of Medicine, Seattle, WA, USA

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*RISK FACTORS FOR NEUROPSYCHOLOGIC DEFICITS FOLLOWING HIGH DOSE CHEMOTHERAPY AND CRANIAL IRRADIATION*

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Disclosure: none

*GENETIC EXPLORATION OF INDIVIDUAL DIFFERENCES EVIDENCE FOR THE CHOLINERGIC ANTI-INFLAMMATORY PATHWAY IN HEALTHY HUMAN ADULTS HEART RATE RECOVERY AFTER EXERCISE AND MORTALITY: AN INDEX OF VAGAL REACTIVITY HEART RATE VARIABILITY DURING SLEEP IS INVERSELY ASSOCIATED WITH GLYCOSYLATED HEMOGLOBIN AND FASTING GLUCOSE IN APPARENTLY HEALTHY ADULTS*

John Todaro, PhD, Assistant Professor, Centers for Behavioral and Preventive Medicine, Brown Medical School and The Miriam Hospital, Providence, RI, USA

Disclosure: none

*THE METABOLIC SYNDROME: CLINICAL DEFINITIONS, EPIDEMIOLOGY, AND FUTURE DIRECTIONS NEGATIVE EMOTIONS AND THE METABOLIC SYNDROME IN OLDER MALES: FINDINGS FROM THE NORMATIVE AGING STUDY*

Viola Vaccarino, MD, PhD, Associate Professor of Medicine, Emory University, Atlanta, GA, USA

Disclosure: none

*MAJOR DEPRESSION, DEPRESSIVE SYMPTOMS AND INFLAMMATION*

Henriët van Middendorp, PhD, Postdoctoral research fellow, Health Psychology, Utrecht University, Utrecht, The Netherlands

Disclosure: none

*PSYCHOLOGICAL, CLINICAL, AND PHYSIOLOGICAL EFFECTS OF HOME-BASED EMOTIONAL DISCLOSURE IN RHEUMATOID ARTHRITIS*

Aseem Vashist, MD, Instructor in Medicine (Cardiovascular Diseases), Cardiovascular Medicine, Yale University School of Medicine, New Haven, CT, USA

Disclosure: none

*CENTRAL NERVOUS SYSTEM CORRELATES OF MYOCARDIAL ISCHEMIA: NEUROCARDIAC DISTINCTIONS BETWEEN MENTAL STRESS AND DOBUTAMINE PROVOCATION*

Roland von Kanel, MD, Professor of Medicine, Division of Psychosomatic Medicine, Department of General Medicine, University Hospital, Bern, Switzerland

Disclosure: none

*DELAYED RESPONSE AND LACK OF HABITUATION IN PLASMA INTERLEUKIN-6 TO ACUTE MENTAL STRESS IN MEN*

Shari Waldstein, PhD, Associate Professor of Psychology and Adjunct Associate Professor of Medicine, Department of Psychology, University of Maryland, Baltimore County, Baltimore, MD, USA

Disclosure: none

*STRESS-INDUCED BLOOD PRESSURE REACTIVITY AND COGNITIVE FUNCTION*

Linda Watkins, PhD, Professor of Psychology & Director of the Interdepartmental Neuroscience Program, Univ of CO-Boulder, Boulder, CO, USA

Disclosure: none

*IMMUNE-TO-BRAIN COMMUNICATION: IMPLICATIONS FOR UNDERSTANDING COGNITION AND PAIN*

Cora Weber, MD, Scientific Assistant, Psychosomatic Medicine, CharitÉ Campus Benjamin Franklin, Berlin, Germany

Disclosure: none

*SALT-SENSITIVE NORMOTENSIVE MALES SHOW LOWER NOREPINEPHRINE AND ENHANCED CORTISOL LEVELS WHEN FACING MENTAL STRESS*

Gerdi Weidner, PhD, Vice President and Director of Research, Preventive Medicine Research Institute, Sausalito, CA, USA

Disclosure: none

*CAN CHANGES IN LIFESTYLE AFFECT CORONARY ARTERY DISEASE AND QUALITY OF LIFE? RESULTS FROM THREE CARDIAC INTERVENTION PROGRAMS*

Joanne Weinberg, PhD, Professor and Assistant Chair, Department of Anatomy and Cell Biology, University of British Columbia, Vancouver, BC, Canada

Disclosure: none

*STRESS AND BIOLOGY DURING CHILDHOOD*

Mary Whooley, MD, Associate Professor of Medicine, Department of Epidemiology and Biostatistics, San Francisco VA Medical Center, San Francisco, CA, USA

Disclosure: none

*DEPRESSION AND MEDICATION NON-ADHERENCE IN OUTPATIENTS WITH CORONARY HEART DISEASE: THE HEART AND SOUL STUDY*

Redford Williams, Jr., MD, Professor of Psychiatry and Behavioral Sciences, Professor of Medicine, Professor of Psychiatry, Director of the Behavioral Medicine Research Center, Duke University, Durham, NC, USA

Disclosure: none

*THE COCHRANE COLLABORATION CENTRAL NERVOUS SYSTEM (CNS) SEROTONIN FUNCTION AND GLUCOSE METABOLISM*

Rosalind Wright, MD, PhD, Assistant Professor of Medicine, Channing Laboratory, Harvard Medical School, Cambridge, MA, USA

Disclosure: none

*PROGRESS IN RESPIRATORY DISEASE: LONGITUDINAL RESEARCH, PSYCHONEUROIMMUNOLOGY, BRAIN IMAGING AND BEHAVIORAL INTERVENTION DIFFERENTIAL STRESS EXPERIENCE AND ITS RELATIONSHIP TO CHILDHOOD ASTHMA AND ASTHMA IMMUNE MARKERS*

Robert Zachariae, MDSci, Professor, Department of Oncology, Aarhus University Hospital, Aarhus, Denmark

Disclosure: none

*ALEXITHYMIA IN 3486 WOMEN TREATED FOR BREAST CANCER - ASSOCIATIONS WITH DISTRESS*

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