63rd Annual Scientific Meeting
March 2 - 5, 2005

The Sheraton Wall Centre
Vancouver, BC Canada
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 oneís 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.
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 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 iPosition 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 ipositions available and ipositions 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 Kwajialta, 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 Mentor Program to attend.
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, Terry 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**

Tenë 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 OlSullivan, OB/GYN, U of Miami, Coral Gables, FL

**INDIVIDUAL ABSTRACT 1420 (SYMPOSIUM 1121)**

(Is There Life After ENRICHD, 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
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 yearís 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 yearís 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 Medicineís journal of record for indexing purposes. To cite a meeting abstract in oneís 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.
## Program-at-a-Glance

### Wednesday - March 2nd, 2005

<table>
<thead>
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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00am</td>
<td>Registration Opens</td>
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<td><strong>Pavillion Ballroom Foyer</strong></td>
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<tr>
<td>9:00am</td>
<td>Preconference Workshop on Inflammation &amp; Immunity</td>
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<td><strong>Junior Ballroom C-D</strong></td>
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<td></td>
<td>Drs. Gregory Miller, Michael Irwin, Susan Lutgendorf, Julian Thayer, Virginia M. Sanders, Don D. Sin, and Steven W. Cole</td>
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<tr>
<td>9:00am - 12:00pm</td>
<td>Career Development Workshop: Funding and Publishing</td>
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<td><strong>Junior Ballroom A-B</strong></td>
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<td></td>
<td>Drs. Martica Hall and William Gerin</td>
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<tr>
<td>1:00 - 5:00pm</td>
<td>Preconference Workshop on the MacArthur Model for Testing Mediators and Moderators</td>
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<td><strong>Junior Ballroom A-B</strong></td>
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<td></td>
<td>Dr. Helena Kraemer</td>
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<tr>
<td>5:30 - 6:15pm</td>
<td>Welcome, Data Blitz, and Awards</td>
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<td><strong>Pavillion Ballroom C-D</strong></td>
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<tr>
<td>6:15 - 7:15pm</td>
<td>Cocktail Reception and Citation Poster Session</td>
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<td><strong>Pavillion Ballroom A-B &amp; Foyer</strong></td>
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<td>Just Desserts Fundraising Event</td>
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<td>(Invitation Only)</td>
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<td><strong>Parksville Room</strong></td>
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### Thursday - March 3rd, 2005

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<th>Time</th>
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<tr>
<td>7:00am</td>
<td>Registration</td>
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<tr>
<td></td>
<td><strong>Pavillion Ballroom Foyer</strong></td>
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<tr>
<td>7:30 - 8:00am</td>
<td>Continental Breakfast</td>
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<td><strong>Pavillion Ballroom Foyer</strong></td>
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<tr>
<td>8:00 - 8:35am</td>
<td>Presidentís Award Lecture</td>
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<td><strong>Pavillion Ballroom</strong></td>
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<tr>
<td></td>
<td>Dr. Karen Matthews</td>
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<tr>
<td></td>
<td>iGetting to the Heart of the Matter: Origins of Cardiovascular Riski</td>
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<td>8:35 - 9:10am</td>
<td>Herbert Weiner Early Career Award</td>
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<td><strong>Pavillion Ballroom</strong></td>
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<td></td>
<td>Dr. Gregory Miller</td>
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<tr>
<td></td>
<td>iEmotions, Immunity, and Disease: Tales from Psychoneuroimmunologyi</td>
</tr>
<tr>
<td>9:10 - 9:30am</td>
<td>Break</td>
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<td><strong>Pavillion Ballroom Foyer</strong></td>
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<tr>
<td>9:30 - 10:30am</td>
<td>Patricia R. Barchas Award Lecture</td>
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<td><strong>Pavillion Ballroom</strong></td>
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<td></td>
<td>Dr. Janice Kiecolt-Glaser</td>
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<td></td>
<td>iMarriage, Stress, Immunity, and Wound Healing: How Relationships Influence Healthi</td>
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<tr>
<td>10:30 - 11:30am</td>
<td>Psychosomatic, Mind-Body, and Complementary Medicine: Surveying the Landscape</td>
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<td><strong>Pavillion Ballroom</strong></td>
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<td></td>
<td>Dr. Margaret Chesney</td>
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<tr>
<td>11:30am - 12:45pm</td>
<td>Lunch on your own / Roundtable Lunches</td>
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<td></td>
<td><strong>Roundtable 1: Stress and Neuroimaging</strong> (Dr. Mary-Frances OíConnor)</td>
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<td><strong>Azure Room</strong></td>
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<tr>
<td>11:30am - 12:45pm</td>
<td>Psychosomatic Medicine Editorial Board Luncheon</td>
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<td><strong>Orca Room</strong></td>
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<td>Professional Education Committee Lunch Meeting</td>
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<td><strong>Chart Room</strong></td>
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<tr>
<td>12:45 - 2:15pm</td>
<td>3 Concurrent Sessions</td>
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<td></td>
<td><strong>Symposium: Cardiac Vagal Reactivity and Risk for Cardiovascular Disease (1317)</strong></td>
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<td><strong>Pavillion Ballroom D</strong></td>
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<td></td>
<td><strong>Symposium: The Ins and Outs of Cortisol Research in Psychosomatic Medicine (1719)</strong></td>
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<td><strong>Pavillion Ballroom C</strong></td>
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<td></td>
<td><strong>Paper: Stress, Distress, and the Immune System</strong> (1572, 1040, 1616, 1684, 1570)**</td>
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**Speaker Ready Room:** Beluga Room
### THURSDAY - MARCH 3rd, 2005, continued

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<th>Time</th>
<th>Session</th>
<th>Venue</th>
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<tr>
<td>2:15 - 2:30pm</td>
<td>Break</td>
<td>Pavilion Ballroom A-B</td>
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<tr>
<td>2:30 - 4:00pm</td>
<td>3 Concurrent Sessions</td>
<td>Pavilion Ballroom C</td>
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<tr>
<td>Symposium: The Clinical Importance of Levels of Emotional Awareness (1083)</td>
<td>Pavilion Ballroom A-B</td>
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<tr>
<td>Symposium: Sleep, Health and Disease (1132)</td>
<td>Pavilion Ballroom C</td>
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<tr>
<td>Invited Symposium: Progress in Respiratory Disease: Longitudinal Research, Psychoneuroimmunology, Brain Imaging, and Behavioral Intervention</td>
<td>Pavillion Ballroom D</td>
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<td>5:15 - 6:30pm</td>
<td>Mentor / Mentee Reception (followed by a dinner for students at local restaurant)</td>
<td>Azure Room</td>
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<td>4:00 - 4:15pm</td>
<td>Break</td>
<td>Pavilion Ballroom Foyer</td>
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<tr>
<td>4:15 - 5:15pm</td>
<td>3 Concurrent Sessions</td>
<td>Pavilion Ballroom C</td>
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### FRIDAY - MARCH 4th, 2005

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<tr>
<th>Time</th>
<th>Session</th>
<th>Venue</th>
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<tbody>
<tr>
<td>7:00am</td>
<td>Registration</td>
<td>Pavilion Ballroom Foyer</td>
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<tr>
<td>7:30 - 8:00am</td>
<td>Continental Breakfast</td>
<td>Pavilion Ballroom Foyer</td>
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<tr>
<td>8:00 - 10:00am</td>
<td>3 Concurrent Sessions</td>
<td>Pavilion Ballroom D</td>
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<tr>
<td>Symposium: The Metabolic Syndrome: Clinical Definitions, Epidemiology, and Future Directions (1359)</td>
<td>Pavilion Ballroom A-B</td>
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<tr>
<td>Paper: The Impact of Depression: Mechanisms and Outcomes (1585, 1584, 1065, 1062, 1269, 1422)</td>
<td>Pavilion Ballroom D</td>
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<tr>
<td>Paper: Psychoneuroimmunology: Bio-behavioral Influences On Inflammation (1227, 1243, 1196, 1436, 1575, 1343, 1375)</td>
<td>Pavilion Ballroom C</td>
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<tr>
<td>10:00 - 10:15am</td>
<td>Break</td>
<td>Pavilion Ballroom Foyer</td>
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<tr>
<td>10:15 - 11:15am</td>
<td>3 Concurrent Sessions</td>
<td>Pavilion Ballroom D</td>
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<tr>
<td>Paper: Substance Abuse: Epidemiology and Intervention (1151, 1049, 1512, 1343)</td>
<td>Pavilion Ballroom A-B</td>
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<tr>
<td>Symposium: Stress and Biology During Childhood (1466)</td>
<td>Pavilion Ballroom C</td>
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<tr>
<td>Symposium: Is there Life After ENRICHD? (1121)</td>
<td>Pavilion Ballroom D</td>
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<tr>
<td>11:30am - 12:30pm</td>
<td>3 Concurrent Sessions</td>
<td>Pavilion Ballroom A-B</td>
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<tr>
<td>Symposium: Psychosocial and Behavioral Influences on Antibody Response to Vaccination (1255)</td>
<td>Pavilion Ballroom A-B</td>
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<tr>
<td>Symposium: SES, Mood, and Health: New Findings on Complex Relationships (1654)</td>
<td>Pavilion Ballroom C</td>
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<tr>
<td>Paper: Biobehavioral Concomitants of Emotion (Dys)regulation in Musculoskeletal Pain Patients (1516, 1373, 1183, 1697)</td>
<td>Pavilion Ballroom D</td>
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<tr>
<td>12:30 - 1:45pm</td>
<td>Lunch on your own/Roundtable Lunches</td>
<td>Orca Room</td>
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<tr>
<td>Roundtable 6: The Role of Rumination and Worry in Prolonged Physiological Stress Responses (Drs. Jos Brosschot and Wolfgang Linden)</td>
<td>Pavilion Ballroom D</td>
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<tr>
<td>Roundtable 7: Biopsychosocial Rheumatic Diseases Roundtable (Drs. Deborah N. Ader and Frank Keefe)</td>
<td>Parksville Room</td>
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<td>Roundtable 8: On the Market: Searching for and Getting a Job in Academia (Drs. Peter Gianaros and Suzanne Segerstrom)</td>
<td>Port McNeill Room</td>
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<td>Roundtable 9: Gastrointestinal Disorders Roundtable (Dr. Susan Levenstein)</td>
<td>Port Hardy Room</td>
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<tr>
<td>Roundtable 10: The Use of Hypnosis in Medicine and in Medical Research (Dr. Jeanne Hernandez)</td>
<td>Port Alberni Room</td>
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*Speaker Ready Room: Beluga Room*
### FRIDAY - MARCH 4th, 2005, continued

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:45 - 3:45pm</td>
<td>Cutting Edge Symposium</td>
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<tr>
<td>Pavilion Ballroom</td>
<td><strong>Chair: Dr. William Gerin</strong></td>
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<tr>
<td><strong>Agnostic Stress, Transcendence Striving, and Social-Emotional Competence</strong> (Dr. Craig K. Ewart)</td>
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<td><strong>Vulnerable Plaque: New Paradigms</strong> (Dr. Daichi Shimbo)</td>
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<tr>
<td><strong>Effects of Stress Management in HIV/AIDS: Psychosocial, Physiological and Disease Indicators</strong> (Dr. Michael H. Antoni)</td>
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<tr>
<td><strong>Patient adherence to medical regimens: Levels of understanding and intervention</strong> (Dr. Alan J. Christensen)</td>
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<tr>
<td>Cutting Edge Priorities for NIH: Translating Behavioral Science Discoveries into Practical Strategies for Improving Public Health (Dr. Susan Czajkowski)</td>
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<tr>
<td><strong>3:15pm</strong></td>
<td>The Perplexing Puzzle of Depression in Coronary Artery Diseaseí</td>
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<tr>
<td>Pavilion Ballroom</td>
<td><strong>Context: From Lab Bench to Real Life</strong></td>
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<td><strong>3:45pm</strong></td>
<td>Break</td>
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<tr>
<td>Pavilion Ballroom</td>
<td><strong>Chair: Dr. William Gerin</strong></td>
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<tr>
<td><strong>3:45 - 5:45pm</strong></td>
<td><strong>3 Concurrent Sessions</strong></td>
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<td><strong>Symposium: Genetic Exploration of Individual Differences (1402)</strong></td>
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<td><strong>Pavilion Ballroom A-B</strong></td>
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<td><strong>Pavilion Ballroom C</strong></td>
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<tr>
<td><strong>Paper: Cardiovascular Mechanisms in Stress and Disease (1305, 1450, 1275, 1163, 1658)</strong></td>
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<td><strong>Pavilion Ballroom D</strong></td>
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<td><strong>Poster Session II</strong></td>
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<td><strong>Junior Ballroom</strong></td>
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<tr>
<td><strong>6:00 - 9:00pm</strong></td>
<td><strong>Council Meeting</strong></td>
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<td><strong>Parksville Room</strong></td>
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### SATURDAY - MARCH 5th, 2005

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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 - 9:00am</td>
<td>2006 Program Committee Breakfast Meeting</td>
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<tr>
<td>Pavilion Ballroom</td>
<td><strong>Chair: Dr. William Gerin</strong></td>
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<tr>
<td><strong>2006 American Psychosomatic Society Symposium: Stress and the Immune Response</strong> (1640)</td>
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<td><strong>Pavilion Ballroom A-B</strong></td>
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<td><strong>Pavilion Ballroom D</strong></td>
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<tr>
<td><strong>Paper: Cancer: Biological and Psychological Processes (1631, 1145, 1347, 1696, 1314, 1176, 1607)</strong></td>
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<td><strong>Pavilion Ballroom C</strong></td>
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<tr>
<td><strong>Break</strong></td>
<td>Pavilion Ballroom Foyer <strong>Chair: Dr. William Gerin</strong></td>
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<tr>
<td><strong>3:15 - 5:00pm</strong></td>
<td><strong>3 Concurrent Sessions</strong></td>
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<tr>
<td><strong>Symposium: Trauma, Depression, Coping and Behavioral Treatment Affect HIV Disease Course (1137)</strong></td>
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<tr>
<td><strong>Pavilion A-B</strong></td>
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<tr>
<td><strong>Symposium: Alternative Treatments for Targeting Depression, Stress and Cardiovascular Risk Factors (1165)</strong></td>
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<td><strong>Pavilion C</strong></td>
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<tr>
<td><strong>Paper: Stress, Cortisol and Biobehavioral Processes (1241, 1250, 1571, 1225, 1234)</strong></td>
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<td><strong>Pavilion D</strong></td>
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<td><strong>Poster Session III</strong></td>
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<td><strong>Junior Ballroom</strong></td>
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<td><strong>Parksville Room</strong></td>
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<td>**10:00 - 10:50am</td>
<td>Alvin P. Shapiro Award Lecture <strong>Chair: Dr. William Gerin</strong></td>
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<tr>
<td>Pavilion Ballroom</td>
<td><strong>1607 (1137)</strong></td>
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<tr>
<td><strong>Dr. William Busse</strong></td>
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<tr>
<td><strong>A New Look at the Role of Stress and the Central Nervous System in Asthmaí</strong></td>
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### Speaker Ready Room: Beluga Room
8:00am - 6:00pm  
Pavilion 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
Pavilion Ballroom C-D
WELCOME AND ANNOUNCEMENTS
Drs. Julian Thayer and William Gerin

5:35 - 6:00pm
Pavilion 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
Pavilion Ballroom C-D
INTERNATIONAL TRAVEL ASSISTANCE AWARD
Introducing these awards 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
Pavilion Ballroom A-B & Foyer
CITATION POSTER SESSION AND COCKTAIL RECEPTION

1) ABSTRACT 1717*
IMPACT OF LARGE-SCALE POVERTY ALLEVATION 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/SOCIOECONOMICALLY 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 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 & Womenís 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 OíCleirigh, 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
SOCIALITY, INTERFERON-GAMMA, AND SIV DISEASE IN RHESUS MONKEYS
Nicole Maninger, John P. Capitaniao, 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. Walsh, Bruce S. Rabin, Pathology, Richard Day, Biostatistics, University of Pittsburgh Medical Center, Pittsburgh, PA

*Practice-Relevant Abstracts
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. Hawkley, 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 EWRU, 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 Gorray, Roger Fillingim, Amanda Pusey, David Sheps, University of Florida, Gainesville, FL

19) ABSTRACT 1379
MECHANISMS UNDERLYING MENTAL STRESS-INDUCED HEMOCENTRATION: 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

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
research 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 LUNCHES 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.
Parksville Room
ROUND TABLE 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 in 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/ebms/). This round table provides an important opportunity for APS members to become more involved in these efforts.

Port McNeill Room
ROUND TABLE 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
ROUND TABLE 4
Mind-Body Research and the Applicability of iTeam 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 undisciplinary, 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 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
ROUND TABLE 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

Pavilion 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

Pavilion 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

Pavilion 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

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. Svrajla, 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
Pavilion Ballroom Foyer
BREAK

2:30 - 4:00pm
CONCURRENT SESSIONS

Pavilion 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

Pavillon 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

Pavillon 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
Pavillon Ballroom Foyer
BREAK

4:15 - 5:15pm
CONCURRENT SYMPOSIA

Pavillon Ballroom A-B
SYMPOSIUM 1004
THEREIS 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. Babayak, Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC

INDIVIDUAL ABSTRACT 1045
I DONIT 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
COPIING 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
Pavilion 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 Jadhabaie, 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. Brenner, 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 Jadhabaie, Cardiovascular Medicine, Hal Blumenfeld, Neurology, Rachel Lampert, Cardiovascular Medicine, Brendon Graeber, Medicine, Robert Soufer, Cardiovascular Medicine, Yale University School of Medicine, New Haven, CT

Pavilion 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 Cables, FL, J.B. Fernandez, Andrew Baum, Psychology, University of Miami, Coral Gables, FL, Neil Schneiderman, Psychology, University of Miami, Coral Cables, FL

INDIVIDUAL ABSTRACT 1615
WHATIS 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 1

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 CAREGIVEMENTAL 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

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
Guðrún Arnadóttir, Psychology, University of Iceland, Reykjavík, Iceland, Heiddis B. Valdimarsdóttir, Oncological Sciences, Mount Sinai School of Medicine, NYC, NY, Fridrik Jonsson, Psychology, University of Iceland, Reykjavík, 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

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, Violette 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 Stefansson, 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 Guedeney, 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

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

Thursday, March 3, 2005

20
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-Golubicic, 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, Hospital du Sacre-Coeur; McGill University, Montreal, QC, Canada, A. Cartier; M. Labrecque, Chest Medicine, Hospital du Sacre-Coeur, Montreal, QC, Canada, B. Ditto, Chest Medicine; Psychology, Hospital 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, Hospital du Sacre-Coeur; McGill University, Montreal, QC, Canada, A. Cartier; M. Labrecque, G Lacoste, Chest Medicine, Hospital 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 Anesthesiology, Department and Technologic University of Colombia, Tu, Ivan Gomez, School of Medicine and School of Law, Rosario University of Colombia, Bogota, Columbia, Ruby Castilla-Puentes, Psychiatry and Epidemiology, UNC School of Medicine and GSK, WW Epidemiology

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 Gröwe, 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 Gröwe, 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 ORAL MEDICATION TREATMENT
Michael A., 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
Marijka 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 PSYCHIATRICALLY 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
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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, Rita 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 Arsenault, 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 Kozara, 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*
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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

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
Annemies 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

*Practice-Relevant Abstracts
73) ABSTRACT 1521
QUALITY OF LIFE AND ANGINA PECTORIS SYMPTOMS BEFORE AND AFTER TRANSMYOCARDIAL LASER REVASCULARISATION (TMLR)
Kurt Fritzschke, 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 Fritzschke, 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. Brenner, 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. Nemero, 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. Sydeman, 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
CYCLICAL HOSTILITY AND CAROTID ATHEROSCLEROSIS IN A BIRACIAL SAMPLE OF MID-LIFE WOMEN
Susan A. Everson-Rose, Kelly Karavolas, Tene T. Lewis, Lynda H. Powell, Preventive Medicine, Rush University Medical Center, Chicago, IL, Kim Sattin-Tyrell, 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, Melbourne, Victoria, Australia, Stephen Kent, Psychological Science, La Trobe University, Melbourne, Victoria, 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, Melbourne, Victoria, Australia, Stephen Kent, Psychological Science, La Trobe University, Melbourne, Victoria, 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
Mirella Di Benedetto, Helen Lindner, 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 Pieksme, 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. Babay, 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 SYMPTOME: 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 ò A NEW 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, Womenís Mental Health and Addictions Research, Centre for Addiction and Mental Health, Toronto, ON, CANADA, Martin G. Myers, Division of Cardiology, Sunnybrook & Womenís 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 DEФФИBRILLATOR PATIENTS WITH CORONARY DISEASE AND HEALTH CONTROLS
Angélique 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. Gottidiener, Cardiology, U of Maryland, Baltimore, MD, Mark OíCallahan, 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. Daubennier, 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 GomEr, 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

*Practice-Relevant Abstract
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. Shanholzer, 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, Kanee 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, G. nter 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 - [15O] H2O 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 SIMULATION WITH A RUSSIAN/SOVIET CULTURAL BACKGROUND IN GERMANY, A PILOT STUDY
Darja Ditte, Benedikt Schmid, Institute for Psychology, Technical University, Brunswick, Brunswick, Germany, Gerhard Schmidt-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. Sambioni, 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 Seemangam, Karlamangla, Sharon Merkin, Geriatrics, UCLA, Irvine, 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
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. Brenner, 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 SAMPLING 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 Kwajitaal, Medical Microbiology, Rob van Diest, Psychiatry, Ad Appels, Medical Psychology, Maastricht University, Maastricht, Limburg, The Netherlands

10:15 - 11:15am
CONCURRENT SESSIONS

Pavilion Ballroom A-B
PAPER SESSION: SUBSTANCE ABUSE: EPIDEMIOLOGY AND INTERVENTION
Chair: Dr. Jeanne McCaffery

† 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

Pavilion 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

Pavilion 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 Demollet, Medical Psychology, Tilburg University, Tilburg, The Netherlands

11:30am - 12:30pm
CONCURRENT SESSIONS

Pavilion 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

Pavilion Ballroom C
SYMPOSIUM 1654
SES, MOOD, AND HEALTH: NEW FINDINGS ON COMPLEX RELATIONSHIPS
Chair: Dr. Elizabeth Bronndlo
Discussant: Dr. Thomas Pickering

INDIVIDUAL ABSTRACT 1703
DIMENSIONS OF SOCIO-ECONOMIC STATUS ARE RELATED TO NEGATIVE MOOD AND HOSTILITY IN A COMMUNITY SAMPLE
Elizabeth Bronndlo, Karina Bienfait, Jenni Atencio, Department of Psychology, St. Johnh 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

*Practice-Relevant Abstracts
ABSTRACT

**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 Doormen, 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 Finsen, 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 LUNCHES 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.

**Parksville Room**

**ROUNDTABLE 7**

**Biopsychosocial Rheumatic Diseases Roundtable**

Chairs: Drs. Deborah N. Ader and Francis Keefe

At last yearís APS Rheumatic Diseases Roundtable successfully launched a idata 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 scholarsí 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 departmentís 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

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, ndel, Institut und Poliklinik fjr Psychosomatische Medizin, TU M, nchen, M, nchen, 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 Iidaka, 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) CORTEXES
S. Berman, B.D. Nabiboff, 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

Pavillon 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
Maarat Gockel, Appraisal and Rehabilitation Department, Tapiola Pension, Espoo, Finland, M. Tuomisto, Psychology, University of Tampere, Tampere, Finland, H. Lindholm, Clinical Physiology, K. A. Kohonen, 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

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,
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 EXPRESSION 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
Heidids B. Valdimarsdottir, Oncological Sciences, Mount Sinai School of Medicine, New York City, NY, Sandra Zakowski, Psychology, Finch University, Chicago, IL, Karen Brown, Human Genetics, Mount Sinai School of Medicine, New York City, NY, Dana H. Bovbjerg, Oncological Sciences, Mount Sinai School of Medicine, New York City, NY

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
Lucia Dettenborn, Oncological Sciences, Mount Sinai School of Medicine, New York, NY, Gary D. James, Decker School of Nursing, Binghamton University, Binghamton, NY, Heidids B. Valdimarsdottir, Guy H. Montgomery, Dana H. Bovbjerg, Oncological Sciences, Mount Sinai School of Medicine, New York, NY

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, Yoshifumi 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 Eunpyung Hospital, Seoul, Republic of Korea, 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 IN A CONTROLLED FMRI STUDY
Harald Gndel, Psychosomatic Medicine, Michael Valet, Neurology, Christian Sorg, Psychiatry and Psychotherapy, Till Sprenger, Neurology, Dorothea Huber, Psychosomatic Medicine, Technical University, Munich, Germany, Thomas T’Ile, Neurology, Technical University, Munich, 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. Tenen, Community Medicine, University of Connecticut Health Center, Farmington, CT

133) ABSTRACT 1321
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134) ABSTRACT 1184
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135) ABSTRACT 1264
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137) ABSTRACT 1051
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139) ABSTRACT 1158
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140) ABSTRACT 1119
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141) ABSTRACT 1621
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**150) ABSTRACT 1548**
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**152) ABSTRACT 1279**
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159) ABSTRACT 1362
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160) ABSTRACT 1245
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162) ABSTRACT 1417
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164) ABSTRACT 1376
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167) ABSTRACT 1244
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168) ABSTRACT 1678
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169) ABSTRACT 1664
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170) ABSTRACT 1081
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171) ABSTRACT 1556
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172) ABSTRACT 1555
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174) ABSTRACT 1091
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175) ABSTRACT 1454
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176) ABSTRACT 1471
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177) ABSTRACT 1465
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178) ABSTRACT 1372
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179) ABSTRACT 1189
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180) ABSTRACT 1160
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181) ABSTRACT 1122
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182) ABSTRACT 1219
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183) ABSTRACT 1365
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184) ABSTRACT 1374
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186) ABSTRACT 1679
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187) ABSTRACT 1659
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188) ABSTRACT 1643
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189) ABSTRACT 1633
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190) ABSTRACT 1491
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191) ABSTRACT 1490
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192) ABSTRACT 1430
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193) ABSTRACT 1426
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194) ABSTRACT 1441
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197) ABSTRACT 1224
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198) ABSTRACT 1168
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199) ABSTRACT 1167
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200) ABSTRACT 1354
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201) ABSTRACT 1010
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202) ABSTRACT 1319
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203) ABSTRACT 1304
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204) ABSTRACT 1288
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205) ABSTRACT 1286
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206) ABSTRACT 1276
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207) ABSTRACT 1273
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208) ABSTRACT 1410
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209) ABSTRACT 1637
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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 Helfrich, Dirk Hanebuth, Pia-Maria Wippert, Institute for Behavioural Sciences (IFV), Swiss Federal Institute of Technology Z, rich, Z, rich, 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 Z, rich, Z, rich, Switzerland

211) ABSTRACT 1298
REDUCED HABITATION 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 K‰nel, 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 Z, rich, Z, rich, 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 Dyrksing, 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
00 PROGRAM COMMITTEE BREAKFAST MEETING

8:30 - 9:00am
Pavilion Ballroom Foyer
CONTINENTAL BREAKFAST

9:00 - 9:50am
Pavilion Ballroom
PRESIDENT’S ADDRESS
Dr. Nancy Frasure-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. Frasure-Smith will be Dr. Richard Lane, APS President-Elect

10:00 - 10:50am
Pavilion 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
Pavilion 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 distress 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 responsivity. 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

Pavilion 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, Duesseldorff, 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, Duesseldorff, 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 PATIENTSAwaiting 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, 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

*Practice-Relevant Abstracts
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
Sonja 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 De Geest, 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 Luberoff, 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 NEUROPSYCHOLOGICAL 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 Labre, 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 Ravnsbøk, 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
Pavilion Ballroom Foyer
BREAK

3:30 - 5:00pm
CONCURRENT SESSIONS

Pavilion 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 Magavero, 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 Stueze, Psychology, Univ. of Miami, Coral Gables, FL, Mary Ann Fletcher, Medicine, Univ. of Miami, Miami, FL, Jean-Philippe Laurenceau, Conall O’Cleirigh, Neil Schneiderman, Psychology, Univ. of Miami, Coral Gables, FL

*Practice-Relevant Abstract

43  Saturday, March 5, 2005
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

Pavilion 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 1251
LIFE STRESS AND STRESS REACTIVITY ARE LINKED TO MARKERS OF CELL AGING

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
220) ABSTRACT 1544
STRESS REACTIVITY AND SALUT-Sensitivity in female
Risk Factors for Essential Hypertension?
Hans C. Deter, Miriam Wagner, Maria Klein, Antje Rauer, Cora S. Weber, Psychosomatic Medicine and Psychotherapy, Charité University-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. Meineker, 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 BloodPressure 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, Tetsuhiro 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, Greggory 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
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246) ABSTRACT 1480
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247) ABSTRACT 1666
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248) ABSTRACT 1701
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249) ABSTRACT 1506
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250) ABSTRACT 1518
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251) ABSTRACT 1421
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252) ABSTRACT 1674
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253) ABSTRACT 1624
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254) ABSTRACT 1699
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255) ABSTRACT 1695
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256) ABSTRACT 1692
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257) ABSTRACT 1690
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258) ABSTRACT 1583
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259) ABSTRACT 1687
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260) ABSTRACT 1670
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Paula G. Williams, Heather E. Gunn, Psychology, University of Utah, Salt Lake City, UT†

261) ABSTRACT 1660
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262) ABSTRACT 1589
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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
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264) ABSTRACT 1565
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265) ABSTRACT 1348
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266) ABSTRACT 1447
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267) ABSTRACT 1344
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Andres Gomez-Caminero, Global Epidemiology and Outcomes Research, BMS, William Blumentals, Epidemiology, Procter & Gamble, Regina Brown, WW Epidemiology, R&D, GlaxoSmithKline, Ruby Castilla-Puentes, Psychiatry and Epidemiology, UNC School of Medicine and GSK, WW Epidemiology, Leo Russo, Benefit-Risk Management (BRM), Johnson & Johnson R&D LLC†

268) ABSTRACT 1355
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Estefania De Agus, Psychiatry, Santa Clara University Hospital, Bogota, Columbia, Ruby Castilla-Puentes, Psychiatry and Epidemiology, UNC School of Medicine and GSK, WW Epidemiology†

269) ABSTRACT 1407
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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
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271) ABSTRACT 1642
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272) ABSTRACT 1477
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273) ABSTRACT 1511
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Jens J. Baumert, Institute of Epidemiology, GSF - National Resarch Center, Neuhberg, Germany, Karl-Heinz Ladwig, Natalia S. Erazo, Psychosomatic Medicine Department, Technical University of Munich, Muenchen, Germany†

274) ABSTRACT 1537
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275) ABSTRACT 1645
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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
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277) ABSTRACT 1479
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Do-Un Jeong, Seog-Ju Kim, Jihyun Kim, Young Hoon Sung, Jaeuk Hwang, In Kyoon Lyoo, Psychiatry, Seoul National University Hospital, Seoul, Republic of Korea†

278) ABSTRACT 1677
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James M. Scanlan, Soo Borson, Psychiatry, University of Washington, Seattle, WA, Nancy J. Binkin, Federica Micheletto, Epidemiology and Biostatistics, Instituto Superiore di Sanita, Rome, Italy†
279) ABSTRACT 1620
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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
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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
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282) ABSTRACT 1638
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283) ABSTRACT 1280
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284) ABSTRACT 1144
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Sonja van Well, Annemarie M. Kolk, Nicole Oei, Psychology, University of Amsterdam, Amsterdam, The Netherlands†

285) ABSTRACT 1282
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286) ABSTRACT 1461
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287) ABSTRACT 1641
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288) ABSTRACT 1568
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289) ABSTRACT 1451
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Theodore F. Robles, Psychology, The Ohio State University, Columbus, OH†

290) ABSTRACT 1636
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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
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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
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Roland von Kanel, General Internal Medicine, University Hospital, Berne, Switzerland, Brigitte M. Kudielka, Daniel Preckel, Katharina Mischler, Lilian Zgraggen, Joachim E. Fischer; Behavioral Sciences, Federal Institute of Technology, Zurich, Switzerland†

294) ABSTRACT 1223
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295) ABSTRACT 1111
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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*
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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
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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
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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
DRETIMENTAL 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
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Ute Schulz, Gerdi Weidner, Melanie Elliott-Eller, Jennifer Daubenmier; Preventive Medicine Research Institute, Sausalito, CA, Larry Schervitz, California Pacific Medical Center; Institute for Health and Healing, San Francisco, CA, Dean Ornish, Preventive Medicine Research Institute, Sausalito, CA†

*Practice-Relevant Abstract
304) ABSTRACT 1157
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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 Muller, Erica Bruce, Psychiatry, Emory University, Atlanta, GA†

305) ABSTRACT 1464
PREVALENCE OF DEPRESSION IN OUTPATIENTS WITH HEART FAILURE: PRIMARY VS TERTIARY CARE SAMPLES
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306) ABSTRACT 1349
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Mark D. Sullivan, Paul S. Ciechanowski, Psychiatry, James H. Caldwell, Laurie Soine, Nuclear Medicine, Joan E. Russo, Psychology, 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
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Robert P. Nolan, Toronto, ON, Canada, Philip Jongsong, 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
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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, Annmarie Kaan, Heart Centre, St. Paulis 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
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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. Kamarek, 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
Paul S. Wachowiak, Biing-Jiu Shen, Miriam Gut, Psychology, University of Miami, Coral Gables, FL; Marc Gellman, Psychology, University of Miami, Coral Gables, FL, United States; Neil Schneiderman, Psychology, University of Miami, Coral Gables, FL.

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
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John F. Todaro, Brown Medical School, Providence, RI; Biing-Jiu 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 Scherer, 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
Redford B. Williams, Medicine and Psychiatry, Duke University Medical Center, Durham, NC; Charles R. Jonassaint, Psychology, Duke University, Durham, NC; Michael J. Helms, John C. Barefoot, Ilene C. Siegler, Psychiatry, Duke University Medical Center, Durham, NC.

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
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Katie Rowan, Tonya Johnson, James Hamilton, Psychology, University of Alabama, Tuscaloosa, AL.

324) ABSTRACT 1202
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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.

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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 Research, National Institute of Public Health, Copenhagen, Denmark.

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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

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Grand Ballroom A-B
DINNER AND ENTERTAINMENT

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*BIOPSYCHOSOCIAL RHEUMATIC DISEASES ROUNDTABLE*

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*HERITABILITY OF HEART RATE VARIABILITY IN YOUNG WOMEN*

Mike Antoni, PhD, Professor of Psychology, Department of Psychology, University of Miami, Coral Gables, FL, USA  
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*TRAUMA, DEPRESSION, COILING AND BEHAVIORAL TREATMENT AFFECT HIV DISEASE COURSE EFFECTS OF STRESS MANAGEMENT IN HIV/AIDS*

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*TELEPHONE-BASED STRESS MANAGEMENT FOR PATIENTS AWAITING LUNG TRANSPLANTATION: THE INSPIRE STUDY RECENT ADVANCES IN STATISTICAL METHODOLOGY: AN OVERVIEW*

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*MARRITAL COHESION MODERATES THE ELEVATION OF AMBULATORY BLOOD PRESSURE DUE TO JOB STRAIN*

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*NEUROPHYSIOLOGY AND PSYCHOPHYSICS OF SHORTNESS OF BREATH*

Vernon Barnes, PhD, research scientist, Georgia Prevention Institute, Pediatrics, Medical College of Georgia, Augusta, GA, USA  
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*IMPACT OF TRANSCENDENTAL MEDITATION ON VASCULAR FUNCTION IN AFRICAN AMERICAN ADOLESCENTS*

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*THE EFFECT OF STRESS AND ENDOGENOUS CORTISOL ON DISTINCT MEMORY PROCESSES*

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*DEVELOPMENT OF DEPRESSIVE SYMPTOMS IN RESPONSE TO EXERCISE WITHDRAWAL*

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*TRAIT NEGATIVE AFFECT PREDICTS VARIATION IN CARDIAC AUTONOMIC FUNCTION*

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*THE ENRICHED TRIAL: FACT OR FICTION?*

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*MechaNISMS OF FATIGUE DURING RADIATION THERAPY FOR BREAST AND PROSTATE CANCER*

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*A CONTROLLED CLINICAL TRIAL OF THE EFFECTS OF YOGA ON HEALTH STATUS IN FIBROMYALGIA PATIENTS*

Elizabeth Brondolo, PhD, Prof, Psych, St. Johnís Univ, Jamaica, NY, USA  
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*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*

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*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  
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*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  
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*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  
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*DEPRESSIVE SYMPTOMS ARE ASSOCIATED WITH BLUNTED CORTISOL STRESS RESPONSES IN VERY LOW-INCOME WOMEN*
Oral Presenters, continued

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

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A NEW LOOK AT THE ROLE OF STRESS AND THE CENTRAL NERVOUS SYSTEM IN ASTHMA

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EXPLORATORY TENDENCY DURING INFANCY AND SURVIVAL IN FEMALE RATS WITH SPONTANEOUS TUMORS

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

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SOCIOECONOMIC STATUS, STRESS, AND CHILDHOOD HEALTH AND BIOLOGY

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STRESS AND BIOLOGY DURING CHILDHOOD

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IMMUNE INSIGHTS INTO FIBROMYALGIA

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A RANDOMIZED TRIAL OF A TIBETAN YOGA INTERVENTION FOR BREAST CANCER PATIENTS

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INFLAMMATION & IMMUNITY WORKSHOP

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

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CUTTING EDGE PRIORITIES FOR NIH

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ELECTRONIC EVENT MONITORING OF ADHERENCE TO ASPIRIN IN REMITTING VS. PERSISTENTLY DYSPHORIC 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
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HEART RATE AND FACIAL EMG RESPONSES TO AFFECTIVE STIMULUS IN WOMEN WITH FIBROMYALGIA AND OSTEOARTHRITIS

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FOCUS OF BEHAVIORAL INTERVENTION IN CORONARY HEART DISEASE: WHAT LIES BEYOND DEPRESSION?

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STRESS AND THE IMMUNE RESPONSE: THE SUPPRESSION PARADIGM REVISED FROM LAB BENCH TO REAL LIFE

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BI-DIRECTIONAL EFFECTS OF STRESS AND STRESS HORMONES ON CELL-MEDIATED IMMUNITY

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

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EXERCISE AND DEPRESSION: MEETING STANDARDS TO ESTABLISH TREATMENT EFFICACY

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

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LIFE STRESS AND STRESS REACTIVITY ARE LINKED TO MARKERS OF CELL AGING
Oral Presenters, continued

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MEASURING SELF-REGULATORY COMPETENCE IN ADOLESCENTS: NEW INSIGHTS INTO BEHAVIORAL MECHANISMS OF CARDIOVASCULAR HEALTH
AGNOSTIC STRESS, TRANSCENDENCE STRIVING, AND SOCIAL-EMOTIONAL COMPETENCE

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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

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ACUTE MENTAL STRESS, ADVERSE WORKING CONDITIONS AND VITAL EXHAUSTION AFFECT CYTOTOXIC T-CELL SUBPOPULATIONS AFTER CONTROLLING FOR DEMOGRAPHIC AND BIOMEDICAL VARIABLES

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INCREASED SERUM LEVELS OF 8-OHdG IN CLINICAL DEPRESSION

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THE PERPLEXING PUZZLE OF DEPRESSION IN CORONARY ARTERY DISEASE

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THEREIS MADNESS IN OUR METHODS: THE STATISTICAL REVOLUTION IN PSYCHOSOMATIC MEDICINE

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

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ROLE OF HISTAMINE IN BRAIN PROCESSING OF INTEROCEPTION

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CUTTING EDGE SYMPOSIUM CAREER DEVELOPMENT WORKSHOP

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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

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EFFECT OF APPLIED RELAXATION ON SOMATIC SYMPTOMS AND PSYCHOPHYSIOLOGICAL DETERMINANTS OF STRESS

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DOES HISTORY OF DEPRESSION AFFECT YOUR WAISTLINE?

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

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

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CAREER DEVELOPMENT WORKSHOP SLEEP, HEALTH AND DISEASE

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

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

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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
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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
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SLEEP DEPRIVATION POTENTIATES ACTIVATION OF CARDIOVASCULAR AND CATECHOLAMINE RESPONSES IN ABSENTENT ALCOHOL DEPENDENT MEN
COCaine INFUSION INDUCES A SUSTAINED SUPPRESSION OF MONOCYTE PROINFLAMMATORY CYTOKINE EXPRESSION EFFECTS OF A BEHAVIORAL INTERVENTION, TAI CHI CHIHI, ON ELEVATED PLASMA LEVELS OF INTERLEUKIN-6 IN OLDER ADULTS

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PERCEIVED STRESS PREDICTS INCREASED INFLAMMATION AND COAGULABILITY

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

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THE COCHRANE COLLABORATION

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BIOPSYCHOSOCIAL RHEUMATIC DISEASES ROUNDTABLE

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BIOPSYCHOSOCIAL IMPACT OF TERRORISM, OUTBREAKS AND DISASTERS: ARE WE REALLY READY?
MARRIAGE, STRESS, IMMUNITY AND WOUND HEALING

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SALIVARY CORTISOL: HISTORY, TECHNIQUES, PARAMETERS, PROBLEMS
THE INS AND OUTS OF CORTISOL RESEARCH IN PSYCHOSOMATIC MEDICINE

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PSYCHOSOCIAL INFLUENCES ON THE DEVELOPMENT AND PERSISTENCE OF PEDIATRIC ASTHMA

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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
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WHAT IS 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
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WORKSHOP ON THE MACARTHUR MODEL FOR TESTING MEDIATORS AND MODERATORS
THE IMPORTANCE OF CLEAR LANGUAGE: CORRELATES, RISK FACTORS, CASUAL FACTORS, MODERATORS, AND MEDIATORS

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DETERMINANTS OF THE CORTISOL AWAKENING RESPONSE (CAR)

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IMPACT OF A BEHAVIORAL INTERVENTION ON INFLAMMATION IN CORONARY PATIENTS

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

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

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STRESS AND CORONARY HEART DISEASE: THE NEUROCARDIAC INTERACTION
THE CLINICAL IMPORTANCE OF LEVELS OF EMOTIONAL AWARENESS THEORY AND MEASUREMENT OF LEVELS OF EMOTIONAL AWARENESS

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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 HRDFI 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

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THE ROLE OF TRAUMA, STRESS AND COPING IN ADHERENCE TO HIV MEDICATIONS

TRAUMA, DEPRESSION, COPING AND BEHAVIORAL TREATMENT AFFECT HIV DISEASE COURSE

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IS THERE LIFE AFTER ENRICHID?
A PILOT STUDY OF OMEGA-3 SUPPLEMENTS FOR DEPRESSION ALTERNATIVE TREATMENTS FOR TARGETING DEPRESSION, STRESS AND CARDIOVASCULAR RISK FACTORS

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GASTROINTESTINAL DISORDERS

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

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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 ENRICHID?

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

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TASK FORCE ON BIOPSYCHOSOCIAL CONSEQUENCES OF DISASTER AND TERRORISM

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

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INFLAMMATION & IMMUNITY

SOCIAL SUPPORT, DISTRESS AND NATURAL KILLER CELL ACTIVITY IN THE OVARIAN CANCER MICROENVIRONMENT

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IMMUNE-TO-BRAIN COMMUNICATION: IMPLICATIONS FOR UNDERSTANDING COGNITION AND PAIN

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IMPACT OF PSYCHOLOGICAL STRESS ON ASTHMA: FROM BENCH TO BEDSIDE

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Trait Positive Affect and Antibody Response to Hepatitis B Vaccination

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

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DEPRESSIVE SYMPTOMS ARE ASSOCIATED WITH INCREASED SYSTEMIC VASCULAR RESISTANCE TO STRESS

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Disclosure: none

VISCERAL DISCOMFORT IN IBS PATIENTS IS ASSOCIATED WITH ABNORMAL FUNCTIONAL CONNECTIVITY OF PERIAQUEDUCTAL GREY (PAG) WITH ANTERIOR CINGULATE (ACC) AND Prefrontal (PFC) CORTEXES

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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

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CAN TEAM SCIENCE CATALYZE INNOVATIVE ADVANCES IN MIND-BODY RESEARCH?

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THE EFFECT OF PRE-TRANSPLANT DISTRESS ON IMMUNE RECONSTITUTION AMONG ADULT HEMATOPOIETIC CELL TRANSPLANTATION PATIENTS
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I DON'T KNOW GREEK, IS THAT AN EXCUSE? HOW TO IMPROVE ON THE STATISTICAL METHODS WE USE IN PSYCHOSOMATIC RESEARCH

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HYPERTENSION AND REDUCED AUTONOMIC RESPONSE TO AFFECTIVE STIMULI AMONG AFRICAN-AMERICAN ADULTS ENDOTHELIAL NITRIC OXIDE SYNTHASE AND ANGIOTENSION 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

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GENDER SPECIFIC EFFECTS OF A TELEPHONE COUNSELING INTERVENTION FOLLOWING CARDIAC REHABILITATION

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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

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

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SELF-REGULATION OF VAGAL EFFERENT CONTROL OF HEART RATE AND THE POTENTIAL FOR BEHAVIORAL NEUROCARDIAC INTERVENTIONS TO AUGMENT THE ANTI-INFLAMMATORY REFLEX

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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

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NARRATIVE INDICATORS OF DIMINISHED AGENCY RELATE TO CRAVING AND NEGATIVE AFFECT DURING SMOKING CESSION

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FUNCTIONAL NEUROANATOMICAL CORRELATES OF EMOTIONAL AROUSAL DURING GRIEF STRESS AND NEUROIMAGING ROUNDTABLE

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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. Paulis 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
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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
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Cardiovascular Reactivity During Negative and Positive Couple Interactions

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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?
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  
Disclosure: none
RISK FACTORS FOR NEUROPSYCHOLOGIC DEFICITS FOLLOWING HIGH DOSE CHEMOTHERAPY AND CRANIAL IRRADIATION

Julian Thayer, PhD, Senior Investigator and Chief, EQP Section, Gerontology Research Center, LPC, National Institute on Aging, Baltimore, MD, USA  
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 GLYCOXYLATED HEMOGLOBIN AND FASTING GLUCOSE IN APARENTLY HEALTHY ADULTS

John Todaro, PhD, Assistant Professor, Centers for Behavioral and Preventive Medicine, Brown Medical School and The Miriam Hospital, Providence, RI, USA  
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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, 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

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Disclosure: none
DELAYED RESPONSE AND LACK OF HABITUATION IN PLASMA INTERLEUKIN-6 TO ACUTE MENTAL STRESS IN MEN

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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  
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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

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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

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THE COCHRANE COLLABORATION  
CENTRAL NERVOUS SYSTEM (CNS) SEROTONIN FUNCTION AND GLUCOSE METABOLISM

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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, MDsc, Professor, Department of Oncology, Aarhus University Hospital, Aarhus, Denmark  
Disclosure: none
ALEXITHMIA IN 3486 WOMEN TREATED FOR BREAST CANCER - ASSOCIATIONS WITH DISTRESS
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