Wednesday, October 20, 2004

12:00 noon-5:30 p.m............... Stiha Room, LaFonda Hotel
SPR Board of Directors Meeting

4:00 p.m.-8:00 p.m........... Santa Fe Room, LaFonda Hotel
Registration

5:30 p.m.-8:00 p.m......... LaTerraza Room, LaFonda Hotel
Opening Reception

Thursday, October 21, 2004

7:30 a.m.-4:00 p.m. .......... Santa Fe Room, LaFonda Hotel
Registration

8:00 a.m.-3:00 p.m. ......... Mezzanine Level, LaFonda Hotel
Exhibits Open

8:30 a.m.-9:30 a.m. ......... Lumpkins Ballroom, LaFonda Hotel
Invited Address
From Molecules to Mind: Stress, the Individual and the Social Environment
Bruce S. McEwen, Rockefeller University

9:30 a.m.-10:00 a.m. ......... Exhibit Area, Mezzanine Level,
Refreshment Break LaFonda Hotel

10:00 a.m.-11:30 a.m. ...... Lumpkins Ballroom, LaFonda Hotel
Symposium #1
Emotional Modulation of the Post-Auricular Reflex
Chairs: Christopher J. Patrick and Stephen D. Benning, University of Minnesota-Twin Cities

Differential Effects of Emotional Modulation on Post-Auricular and Orbicularis Indices of the Acoustic Startle Response
William P. Hetrick, Kathleen M. Ames, Nicole Prause, and Paul D. Kieffer, Indiana University

The Effects of Chronic Sertraline Administration on the Responsivity of the Post-Auricular Reflex During Affective Picture Stimuli in Healthy Subjects
Julian G. Simmons, Nicholas B. Allen, and Gregor Berger, University of Melbourne

Emotional Post-Auricular Reflex Modulation in Community and Incarcerated Males
Edward M. Bernat, Christopher J. Patrick, Jason R. Hall, Benjamin V. Steffen, Noah C. Venables, and Stephen D. Benning, University of Minnesota-Twin Cities

Post-Auricular Reflex Potentiation During Relief Stimuli in Differential Aversive Conditioning: A Construct Validation Study

Discussant: Steven A. Hackley, University of Missouri-Columbia

10:00 a.m.-11:30 a.m. ...... New Mexico Room, LaFonda Hotel
Symposium #2
Cortical Oscillatory Activity and Memory
Chair: Jochen Kaiser, University of Tübingen

A Theoretical Perspective on Memory Encoding and Retrieval
Marc Howard, Syracuse University

Hippocampal and Cortical Oscillations During Encoding Predict Subsequent Memory
Per B. Sederberg, Brandeis University; Andreas Schulze-Bonhage, Neurozentrum, University of Freiburg; Joseph R. Madsen, Harvard Medical School; Edward B. Bromfield, Brigham and Women’s Hospital; Armin Brandt, Neurozentrum, University of Freiburg; and Michael J. Kahana, Brandeis University

Large-Scale Induced Gamma Oscillations are Linked to Various Memory Phenomena in the Human EEG
Thomas Gruber, University of Leipzig

The Role of Gamma Oscillations in Working Memory
Ole Jensen, Donders Centre for Cognitive Neuroimaging

Gamma-Band Activity in Magnetoencephalogram and the Dynamics of Auditory Memory
Jochen Kaiser, University of Tübingen

10:00 a.m.-11:30 a.m. ...... LaTerazza Room, LaFonda Hotel
Symposium #3
Neural Mechanisms for the Regulation of Behavior
Chairs: Tiffany A. Ito, University of Colorado and Bruce D. Bartholow, University of North Carolina at Chapel Hill

Control of Attention in Racial Stereotyping: A Response Conflict Account of Priming Effects
Bruce D. Bartholow and Cheryl L. Dickter, University of North Carolina at Chapel Hill

Racial Stereotypes and Behavior: Using ERPS to Understand the Police Officer’s Dilemma
Tiffany A. Ito, Joshua Correll, and Geoffrey R. Urland, University of Colorado
Left Frontal Cortical Activity, Decisional Commitment, and Attitude Change  
*Eddie Harmon-Jones, University of Wisconsin-Madison*

The Role of Conflict-Detection in the Regulation of Race-Biased Behavior  
*David M. Amodio, University of California, Los Angeles*

11:30 a.m.-1:00 p.m.  
**Lunch Break** (on your own)

1:00 p.m.-2:30 p.m.  
**Lumpkins Ballroom, LaFonda Hotel**  
**Symposium #4**  
**Affect, Attention, and the Stimulus-Preceding Negativity**  
*Chair: Steven A. Hackley, University of Missouri, Columbia*

The Stimulus-Preceding Negativity and its Subcomponents  
*C.H.M. Brunia and Geert J.M. van Boxtel, Tilburg University*

Stimulus-Preceding Negativies as Manifestations of Affect and Attention  
*Koen B.E. Bocker, Johanna M.P. Baas, Utrecht University; Geert J.M. van Boxtel, Tilburg University; and J. Leon Kenemans, Utrecht University*

The Effect of Reward and Punishment on the Stimulus-Preceding Negativity (SPN): FMRI And ERP Studies  
*Yasunori Kotani, Yoshimi Ohgami, Tokyo Institute of Technology; Tetsuji Tsukamoto, Tokyo Metropolitan University; Kazufumi Omura, Yusuke Inoue, The University of Tokyo; Minoru Nakayama, Tokyo Institute of Technology; and Yasutsugu Aihara, Tokyo Metropolitan University*

Anticipation of Rewards and Penalties is Impaired in Parkinson’s Disease  
*Steven A. Hackley, Sam Mattox, University of Missouri, Columbia; and Fernando Valle-Inclan, University of La Coruna*

**Discussant: C.H.M. Brunia, Tilburg University**

1:00 p.m.-2:30 p.m.  
**New Mexico Room, LaFonda Hotel**  
**Symposium #5**  
**Cardiovascular Correlates of Posttraumatic Stress Disorder: Mechanisms, Treatment, and Beyond**  
*Chair: Deane E. Aikins, Veterans Affairs West Haven HCS and National Center for PTSD*

Baseline Heart Rate in Posttraumatic Stress Disorder: What is it Telling Us?  
*Steven H. Woodward, Veterans Affairs Palo Alto HCS and National Center for PTSD and Danny G. Kaloupek, Veterans Affairs New England HCS and National Center for PTSD*

Phasic Heart Period Reactions to Cued Affective Stimuli in Combat-Related Posttraumatic Stress Disorder  
*Deane E. Aikins, Veterans Affairs West Haven HCS and National Center for PTSD; Jessica L. Borelli, Yale University; and Aaron Baker, Fairfield University*

Auditory Startle Modification Following Treatment for Posttraumatic Stress Disorder  
*Michael G. Griffin, University of Missouri-St. Louis and Center for Trauma Recovery and Patricia A. Resick, Veterans Affairs New England HCS and National Center for PTSD*

Prospective Investigations Assessing Stress Hardiness and Stress Vulnerability: Heartrate Variability in Special Operations Personnel Exposed to Highly Intense Stress  
*C.A. Morgan III, Veterans Affairs West Haven HCS and National Center for PTSD; Gary Hazlett, 1st SWTG, JFK SWC, Fort Bragg; Anthony Doran, Fleet Special Operations Training Group Atlantic, Brunswick Naval Air Station; William Gambino, USA Special Operations Command; Deane E. Aikins, Veterans Affairs West Haven HCS and National Center for PTSD; and George Steffian, Fleet Special Operations Training Group Atlantic, Brunswick Naval Air Station*

**Discussant: Bruce N. Cuthbert, National Institute of Mental Health**

1:00 p.m.-2:30 p.m.  
**LaTerazza Room, LaFonda Hotel**  
**Symposium #6**  
**Pupil Dilation, Psychopathology and Development**  
*Chair: Stuart R. Steinhauser, VA Pittsburgh Healthcare System*

Pupillary Indices of Cognitive Function in Youth-Onset Schizophrenia-Spectrum Disorders and ADHD  
*Canan Karatekin and Tonya White, University of Minnesota*

Pupillary Responses to Both Task Relevant and Irrelevant Information Reflect General Cognitive Ability  
*Steven P. Verney, University of New Mexico; Eric Granholm, VA San Diego Healthcare System; Dimitri Perivoliotis, San Diego State University/UCSD; and Tamie Muira, University of California, San Diego*

Working Hard When Feeling Bad: Pupil Dilation Indexes Resource Allocation During Effortful Regulation of Negative Affect  
*Heather L. Urry, Carien M. van Reekum, Lawrence L. Greischar, Marchell E. Thurow, and Richard J. Davidson, University of Wisconsin-Madison*

Pupillary Responses on the Span of Apprehension Task in Older Patients With Schizophrenia: A Replication and Extension  
*Dimitri Perivoliotis, San Diego State University/UCSD; Eric Granholm, VA San Diego Healthcare System; and Tamie Muira, University of California, San Diego*

Sustained Pupil Dilation to Emotional Information in Depression: Developmental and Mechanistic Considerations  
*Greg J. Siegle, Jennifer Silk, Erica Forbes, University of Pittsburgh; Stuart R. Steinhauser, VA Pittsburgh Healthcare System; Ronald Dahl, University of Pittsburgh; Cameron S. Carter, University of California, Davis; and Michael E. Thase, University of Pittsburgh*
2:00 p.m.-8:00 p.m. . . . Main Floor, Sweeney Convention Center
Poster Presentation Viewing
Poster presentations in Poster Session I will now be available for
viewing on the Main Floor at the Sweeney Convention Center. Authors
will be present to discuss their posters from 8:00 p.m.-
10:00 p.m.

2:30 p.m.-3:00 p.m.... . . . . . Exhibit Area, Mezzanine Level,
Refreshment Break LaFonda Hotel

3:00 p.m.-4:30 p.m. . . . . . Lumpkins Ballroom, LaFonda Hotel
Symposium #7
Program Chair’s Symposium
Developmental Psychophysiology: Temperamental and
Parental Contributions to the Development of Emotion
Regulation and Internalizing and Externalizing
Psychopathology
Chair: Mark W. Miller, Boston University & Boston VA
Medical Center, National Center for PTSD
Models of Attachment and Mother-Infant ANS Arousal:
Implications for the Developing Self-Regulation Capacities
Jennifer C. Ablow, University of Oregon; Amy K. Marks,
Brown University; S. Shirley Feldman and Lynne C.
Huffman, Stanford University
Maternal Depression, Child Frontal EEG Asymmetry, and
Mother-Child Affective Behavior as Factors in Child
Behavior Problems
Erika E. Forbes, Daniel S. Shaw, Nathan A. Fox, Jeffrey F.
Cohn, and Jennifer S. Silk, University of Pittsburgh
BAS Motivation, Affect Regulation, and Externalizing
Psychopathology: Three Studies Spanning Preschool to
Adolescence
Theodore P. Beauchaine, University of Washington
ERP Indices of Emotion Regulation in Antisocial Children
Jim Stieben, Marc D. Lewis, University of Toronto; Isabela
Granic, Hospital for Sick Children; Connie Lamm,
University of Toronto; and Philip D. Zelazo, University of
Toronto
Age Effects on Associations Between Child Temperament
and Cortical Indices of Emotion Regulation
Marc D. Lewis, Connie Lamm, Jim Stieben, and Philip D.
Zelazo, University of Toronto

3:00 p.m.-4:30 p.m. ....... New Mexico Room, LaFonda Hotel
Symposium #8
Electrophysiological Studies of Lateralized Semantic
Processing
Chair: Joseph Dien, University of Kansas, Lawrence
Laterality, Meaning, and Emotion: Effects of Anxious
Arousal in Automatic Semantic Priming
Gwen A. Frishkoff and Don M. Tucker, University of
Oregon, Eugene
Hemispheric Differences in the Timecourse of Verbal
Memory
Kara D. Federmeier and Karen M. Evans, University of
Illinois, Urbana-Champaign

When Cowboys Have Sore Calves: Hemispheric Asymmetry
and Pun Comprehension
Seana Coulson, University of California, San Diego
Combined ERP and FMRI Examination of Lateralized
Processing of Semantic Expectancy and Meaningfulness
Joseph Dien, University of Kansas, Lawrence; Michael S.
Franklin, University of Michigan; Charles A. Michelson,
University of Texas; Lisa C. Lemen, Louisiana State
University Medical Center; Christy L. Adams and Lauren
D. Waterson, University of Kansas
Discussant: Don M. Tucker, University of Oregon, Eugene

3:00 p.m.-4:30 p.m. ....... LaTerazza Room, LaFonda Hotel
Symposium #9
Social Psychophysiology: The Contribution of
Psychophysiological Measures to the Understanding of
Social Processes
Chair: Ursula Hess, University of Quebec, Montreal and
The Scripps Research Institute
Somatic Cues of Social Bias: Introducing a New
Psychophysiological Model of Prejudice
Eric J. Vanman, Georgia State University
Using Social Psychological Methods to Induce Anger With
Pictures: Implications for EEG Asymmetry and Startle
Eyeblink Research
Eddie Harmon-Jones, University of Wisconsin-Madison
Intra- and Interpersonal Determinants and Consequences of
Facial Activation
Arvid Kappas, International University Bremen
Expressing Emotions in Dyads: Social Context and Gender
Influences
Ursula Hess, University of Quebec, Montreal and The
Scripps Research Institute
P3a and P3b From Affective Stimuli: Gender and Laterality
John Polich, The Scripps Research Institute
Discussant: Craig A. Smith, Vanderbilt University

4:30 p.m.-4:45 p.m.
Break

4:45 p.m.-5:45 p.m. . . . . . Lumpkins Ballroom, LaFonda Hotel
Invited Address
Cortisol-Brain Interactions in Emotions and Cognition
William R. Lovallo, University of Oklahoma Health Sciences
Center & Oklahoma City VA Medical Center

5:45 p.m.-8:00 p.m.
Dinner Break (on your own)

6:00 p.m.-8:00 p.m. ......... LaTerraza Room, LaFonda Hotel
Early Careers Conversation Hour
(Pre-registration will be required for the Early Career
Conversation hour and information will be posted on the SPR
website)

8:00 p.m.-10:00 p.m. . . . Main Floor, Sweeney Convention Center
Poster Session I
Friday, October 22, 2004
8:00 a.m.-3:00 p.m. . . . . . . . Mezzanine Level, LaFonda Hotel
Exhibits Open

8:00 a.m.-4:00 p.m. . . . . . . . Santa Fe Room, LaFonda Hotel
Registration

8:30 a.m.-9:30 a.m. . . . . . . Lumpkins Ballroom, LaFonda Hotel
Invited Address

Neuroimaging and Schizophrenia: What Have We Learned?
Nancy C. Andreasen, University of Iowa

9:30 a.m.-10:00 a.m. . . . . . . . Exhibits Area, Mezzanine Level,
Refreshment Break
LaFonda Hotel

10:00 a.m.-11:30 a.m. . . . . Lumpkins Ballroom, LaFonda Hotel
Symposium #10
Affect-Ing Cognition: Emerging Views of the Influence of Emotion on Core Cognitive Processes
Chair: Marta Kutas, University of California, San Diego and Kara Federmeier, University of Illinois, Urbana-Champaign

Affective Modulation of Perceptual and Cognitive Processes in Picture Viewing
Margaret M. Bradley, Andreas Low, and Peter J. Lang, University of Florida

Attention in Perception of Emotional Information
Howard C. Nusbaum, Catherine J. Norris, and John T. Cacioppo, The University of Chicago

Effects of Emotion on Attention and Executive Function
Aprajita Mohanty, John D. Herrington, Anna S. Engels, Nancy S. Koven, Joscelyn E. Fisher, Jennifer L. Stewart, Rebecca L. Levin, Sarah Sass, Edgar J. Christopher, Moon-ho Ringo Ho, Andrew G. Webb, University of Illinois, Urbana-Champaign; Marie T. Banich, University of Colorado, Boulder; Gregory A. Miller and Wendy Heller, University of Illinois, Urbana-Champaign

Mood and Meaning: Influences of Positive Valence on Semantic Memory
Kara D. Federmeier, University of Illinois, Urbana-Champaign; Eva M. Moreno, Michael Kiang, Kim Sweeney Wolanyk, and Marta Kutas, University of California, San Diego

10:00 a.m.-11:30 a.m. . . . . New Mexico Room, LaFonda Hotel
Panel Discussion 1
Engaging Interests of College and High School Students in Psychophysiology Research Through Investigative Laboratory Experiences
Chair: Howard I. Thorsheim, St. Olaf College

Engaging Students in Psychophysiology: Overview of a National Science Foundation Project
Howard I. Thorsheim, St. Olaf College

Engaging College Students in Psychophysiology: A National Perspective on the Teaching of Psychophysiology
Louis G. Tassinary, Texas A & M

Engaging High School Students in Psychophysiology: A National Perspective
Charles Blair-Broeker, Cedar Falls High School

Engaging High School Students in Psychophysiology: Perspectives From a College-Student Mentor
Michael C. Mensink, Macalester College

11:30 a.m.-1:00 p.m.
Lunch Break (on your own)

1:00 p.m.-2:30 p.m. . . . . Lumpkins Ballroom North, LaFonda Hotel
Symposium #12
Converging Electrophysiological and Hemodynamic Findings in Emotional Stimulus Processing
Chair: Dean Sabatinelli, University of Florida and Markus Junghofer, University of Konstanz

The Role of Awareness in Emotional Stimulus Processing
Stefan Wiens, Stockholm University and Karolinska Institute and Arne Ohman, Karolinska Institute

Affective Orienting and Anterior Brain Responses: Emotional Modulation Across Differing Levels of Attentional Control
Edward M. Bernat, Meredith Cadwallader, Benjamin Steffen, Jason Hall, Noah Venables, and Christopher J. Patrick, University of Minnesota

Functional Correlates of Emotional Imagery
Dean Sabatinelli, University of Florida; Tobias Flaisch, University of Konstanz; Francesco Versace, Margaret M. Bradley, and Peter J. Lang, University of Florida
Rapid Serial Visual Presentation in Studies on Early Motivated Attention: An Overview
Markus Junghofer, Peter Peyk, Johanna Kissler, Cornelia Herbert, Tobias Flaisch, Jessica Stockburger, and Harald Schupp, University of Konstanz

Processing Emotional Words: Insights From EEG and FMRI Studies
Johanna Kissler, Cornelia Herbert, Markus Junghofer, Peter Peyk, University of Konstanz; Dirk Wildgruber, Thomas Ethofer, and Wolfgang Grodd, University of Tübingen

1:00 p.m.-2:30 p.m. . Lumpkins Ballroom South, LaFonda Hotel
Panel Discussion 2
An Introduction to Grant Funding Mechanisms for Junior (and not-So-Junior) Investigators
Chair: Rebecca J. Houston, University of Buffalo
An Overview of NIH Grant Mechanisms
Bruce N. Cuthbert, National Institute of Mental Health
Moving From Excellent (2.0) to Outstanding (1.0)
Judith M. Ford, Yale University School of Medicine
NIH Review of Grant Applications
Michael J. Kozak, National Institute of Mental Health
Tips on Writing Applications for Fellowships and Career Development Awards
Peter J. Gianaros, University of Pittsburgh School of Medicine
Discussants: Alfons O. Hamm, University of Greifswald and Eric R. Muth, Clemson University

1:00 p.m.-2:30 p.m. . . . . . . New Mexico Room, LaFonda Hotel
Symposium #13
Exercise, Aging, and Neurocognitive Function
Chair: Charles H. Hillman, University of Illinois
A Brief Overview of the Effects of Aging on Neurocognitive Function
David Friedman, Columbia University
ERP Indices of Physical Activity Effects on Cognitive Function
Charles H. Hillman, University of Illinois
Cardiovascular Fitness Training and Changes in Brain Volume as Measured by Voxel-Based Morphometry
Stan Colcombe, Arthur F. Kramer, Edward McAuley, Kirk Erickson, and Paige Scaif, University of Illinois
Effects of Cardiopulmonary Fitness on Neurovascular Coupling in Visual Cortex in Younger and Older Adults
Monica Fabiani, University of Illinois and National Institute on Aging; Carrie Brumback, Brian Gordon, Melanie Pearson, Yukie Lee, Arthur F. Kramer, Edward McAuley, and Gabriele Gratton, University of Illinois
Discussant: Molly Wagster, National Institute on Aging

2:00 p.m.-5:00 p.m. . . . Main Floor, Sweeney Convention Center
Poster Presentation Viewing
Poster presentations in Poster Session II will now be available for viewing on the Main Floor at the Sweeney Convention Center. Authors will be present to discuss their posters from 5:00 p.m.-7:00 p.m.

2:30 p.m.-3:00 p.m. . . . . . . Exhibit Area, Mezzanine Level, Refreshment Break
LaFonda Hotel

3:00 p.m.-4:30 p.m. . Lumpkins Ballroom North, LaFonda Hotel
Symposium #14
From Motivated Attention to Action: Affective Modulation of Perception/Action Interactions
Chair: Andreas Keil, University of Konstanz
Preparedness to Act on Fear-Related Stimuli
Anders Flykt, Mid Sweden University
The Same and Yet Different: When is a Spider a Spider?
Valence and Arousal Ratings, Reaction Times and ERPs in Response to Ambiguous Visual Stimuli in Spider Phobics
Frauke Musial, Iris T. Kolassa, Arlette Buchmann, Ralf H. Trippe, and Wolfgang H.R. Milmer, University of Jena
Affective Modulation of Task Related Processing Resources
Jörg Meinhard, Olga Pollatos, and Reinhard Pekrun, University of Munich
Affective Modulation of the Attentional Blink: Identification Facilitation Versus Task Interference
Andreas Keil, Margarita Stolarova, Niklas Ihssen, and Stephan Moratti, University of Konstanz

3:00 p.m.-4:30 p.m. . Lumpkins Ballroom South, LaFonda Hotel
Symposium #15
Advances in Autonomic and Neuroendocrine Sexual Psychophysiology
Chair: Stuart Brody, University of Tübingen
Blood Pressure Stress Reactivity is Less After Penile-Vaginal Intercourse Than After Other or No Sexual Activity
Stuart Brody, University of Tübingen
Vaginal Photoplethysmography and Female Sexual Arousal Disorder
Lori A. Brotto, University of Washington
Psychophysiology of Rapid Ejaculation
David L. Rowland, Valparaiso University
Prolactin, Dopamine and Neuronal Circuits in Sexual Drive and Function: Peripheral and Central Mechanisms
Tillman H.C. Krüger and Uwe Hartmann, Medical School of Hannover; and Manfred Schedlowski, Swiss Federal Institute of Technology
Discussant: Niels Birbaumer, University of Tübingen
3:00 p.m.-4:30 p.m. . . . . . . New Mexico Room, LaFonda Hotel

Symposium #16
Baseline Startle Reflex Magnitude: Mechanisms, Individual Differences, and Association with Psychopathology

Chair: Nicholas B. Allen, University of Melbourne

Circadian Effects on the Human Startle Reflex
Mark W. Miller, Boston University & Boston VA Medical Center, National Center for PTSD and Claude Gronfier, INSERM Centre for Chronobiology

Physiological and Psychological Factors Affecting Baseline Startle Responses
Edward M. Ornitz, University of California, Los Angeles and Allison M. Waters, Griffith University

Personality Correlates of Baseline Startle Habituation
Steven D. LaRowe, Medical University of South Carolina; Christopher J. Patrick, University of Minnesota; John J. Curtin, University of Wisconsin; and John P. Kline, University of South Alabama

Inhibited Baseline Startle is Associated with Severity and Vulnerability to Depression
Laurie O’Brien-Simpson, Patricia DiParsia, and Nicholas B. Allen, University of Melbourne

Discussant: Larry W. Hawk, SUNY-Buffalo

4:30 p.m.-5:00 p.m.
Break
time allocated to walk to the Sweeney Convention Center

5:00 p.m.-7:00 p.m. . . Main Floor, Sweeney Convention Center
Poster Session II

8:00 p.m.-12:00 midnight
Student Social Event

(All students are invited to attend—location to be announced. See the program addendum at the meeting and the announcements board in the SPR Registration Area.)

Saturday, October 23, 2004

8:00 a.m.-11:00 a.m. . . . . . . Mezzanine Level, LaFonda Hotel
Exhibits Open

8:30 a.m.-4:00 p.m. . . . . . . Santa Fe Room, LaFonda Hotel
Registration

8:30 a.m.-10:00 a.m. . . . . New Mexico Room, LaFonda Hotel

Symposium #17
The Psychophysiology of Emotion Regulation: Understanding How, When, and for Whom it Works

Chair: Iris B. Mauss, Stanford University

Neurovisceral Integration and Emotion Regulation: What the Heart is Saying About the Brain and Why We Should Listen
Julian F. Thayer, National Institute on Aging and Elisabeth Ruiz-Padia, University of Jaen

Blow Your Top or Bite Your Tongue: Automatic Emotion Regulation and Anger
Iris B. Mauss and James J. Gross, Stanford University

Expressive Writing and the Regulation of Emotion Over Time
James W. Pennebaker, University of Texas, Austin

Up- and Down-Regulating Negative Emotional Expressions: Behavioral, Affective, and Autonomic Consequences
Heath A. Demaree, Brandon J. Schmeichel, Jennifer L. Robinson, Jie Pu, Case Western Reserve University; and D. Erik Everhart, East Carolina University

Discussant: Robert W. Levenson, University of California, Berkeley

8:30 a.m.-10:00 a.m. . . . . . . . . LaTerraza Room, LaFonda Hotel

Symposium #18
Not All are Equal in the Eyes of Affective Startle Modulation

Chair: Bruce N. Cuthbert, National Institute of Mental Health

Psychopathy, Trait Fearlessness, and Startle Potentiation
Christopher J. Patrick, Stephen D. Benning, University of Minnesota; and Margaret M. Bradley, University of Florida

Sensation Seeking and the Aversive Motivational System
Shmuel Lissek, National Institute of Mental Health; Johanna M.P. Baas, Utrecht University; Daniel S. Pine, Kaebah S. Orme, Sharone R. Dvir, Emily Rosenberger, and Christian Grillon, National Institute of Mental Health

Affective Startle Modulation and the Anxiety Disorders
Lis McTeague, Marie-Claude Laplante, Greg Perlman, Cyd Strauss, and Peter J. Lang, University of Florida

Affective Modulation of the Startle Response in Depression: Influence of the Severity of Depression, Anhedonia and Anxiety
Veena Kumari, Institute of Psychiatry; Hossein Kaviani, Institute of Psychiatry and Tehran University of Medical Sciences; Jeffrey Gray, Stuart Checkley, Institute of Psychiatry; Peter W. Raven, University College London; and Glenn Wilson, Institute of Psychiatry

Discussant: Bruce N. Cuthbert, National Institute of Mental Health

10:00 a.m.-10:30 a.m. . . . . . . Exhibit Area, Mezzanine Level, LaFonda Hotel
Refreshment Break

10:30 a.m.-11:00 a.m. . . . . Lumpkins Ballroom, LaFonda Hotel
Award for Distinguished Early Career Contribution to Psychophysiology

Concordance and Discordance in the Three-Systems Model of Emotion: Theoretical Considerations and Clinical Implications
Frank Wilhelm, University of Basel

11:00 a.m.-12:00 noon . . . . Lumpkins Ballroom, LaFonda Hotel
Presidential Address
Brain Motivational Systems: Toward ‘Standard Models’ for Co-occurring Anxiety and Mood Disorders
Bruce N. Cuthbert, National Institute of Mental Health
12:15 p.m.-2:15 p.m. . . . . Lumpkins Ballroom, LaFonda Hotel
**Luncheon and General Business Meeting**  
*Chair: Bruce N. Cuthbert, SPR President*

(luncheon tickets will be collected at each table)

**Tursky Award for Outstanding Student Poster Presentation**  
*Chair: Margaret M. Bradley, University of Florida*

2:15 p.m.-7:00 p.m.  
**Free time for attendees**

2:15 p.m.-7:00 p.m. . . Main Floor, Sweeney Convention Center
**Poster Presentation Viewing**

Poster presentations in Poster Session III will now be available for viewing on the Main Floor at the Sweeney Convention Center. Authors will be present to discuss their posters from 7:00 p.m.-9:00 p.m.

7:00 p.m.-9:00 p.m. . . Main Floor, Sweeney Convention Center
**Poster Session III**

9:00 p.m.-12:00 midnight
**Saturday Night Social**  
*(All registrants are invited to attend — location to be announced)*

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**Sunday, October 24, 2004**

8:00 a.m.-10:00 a.m. . . . . LaTerazza Room, LaFonda Hotel
**Farewell Breakfast**

8:00 a.m.-12:00 noon . . . . . . . . . . . . Stiha Room, LaFonda Hotel
**SPR Board of Directors Meeting**