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**Saturday, October 5**  
**Poster Session III**

1. **Tursky Award Winner**
2. **Tursky Award Winner**
3. **Tursky Award Winner**
4. **Caffeine reduces the affect startle effect**  
Ottmar V. Lipp & Pearl Y. Martin  
*University of Queensland*
5. **Don't look back to anger: Inhibited to return to emotion**  
Naz Derakshan<sup>1</sup>, Moshe Feldman<sup>1</sup>, Tom Campbell<sup>2</sup>, & Ottmar Lipp<sup>3</sup>  
*<sup>1</sup>University of Leeds, <sup>2</sup>Cognitive and Brain Sciences Unit, Finland, <sup>3</sup>University of Queensland*
6. **The effects of music presence and pacing on listener physiological arousal**  
Robert F. Potter, Francesca Carpentier, Jinhee Kim, Jinmyung Choi, & Hong-sik Yu  
*University of Alabama, Tuscaloosa*
7. **Increased memory for structurally complex radio messages: Could arousal be the mechanism?**  
Robert F. Potter, Jinmyung Choi, Hong-sik Yu, Jinhee Kim, & Francesca Carpentier  
*University of Alabama, Tuscaloosa*
8. **The role of self-relevance in arousal elicited by anti-drug PSAs in adolescents and college students**  
Annie Lang, T. Makana Chock, Mija Shin, Yongkuk Chung, Seungwhan Lee, & Samuel D. Bradley  
*Indiana University*

9. **Processing anti-drug public service announcements: Production pacing, arousing content, and adolescence**  
Annie Lang, Yongkuk Chung, Seungwhan Lee, Nancy Schwartz, & Mija Shin  
*Indiana University*
  
10. **Fear factor: The effect of imagery in high fear radio public service announcements**  
Paul D. Bolls & Katie Clark  
*Washington State University*
  
11. **Effects of text and animated graphics in television news stories on viewer attention, arousal and memory**  
Julia R. Fox<sup>1</sup>, Annie Lang<sup>1</sup>, Yongkuk Chung<sup>1</sup>, Seungwhan Lee<sup>1</sup>, Nancy Schwartz<sup>1</sup>, Leah Haverhals<sup>1</sup>, Zheng Wang<sup>1</sup>, Samuel D. Bradley<sup>1</sup>, & Deborah Potter<sup>2</sup>  
*<sup>1</sup>Indiana University, <sup>2</sup>NewsLab*
  
12. **Feeling-of-knowing and feeling-of-not-knowing: An event-related fMRI study on metamemory**  
Jing Luo<sup>1</sup>, Kazuhisa Niki<sup>2</sup>, & Yue-Jia Luo<sup>1</sup>  
*<sup>1</sup>Institute of Psychology, Chinese Academy of Sciences, <sup>2</sup>Neuroscience Research Institute, AIST*
  
13. **Comparison of baroreflex sensitivity estimates from inter-systolic interval and ECG R-spike**  
G.A. Reyes del Paso, J.A. Hernández, & M.I. González  
*Universidad de Jaén*
  
14. **Cardiovascular reactivity in college students with physical symptoms**  
Karen S. Quigley<sup>1</sup> & Melissa D. Olivadoti<sup>2</sup>  
*<sup>1</sup>University of Medicine & Dentistry of New Jersey, <sup>2</sup>Pennsylvania State University*

- 15. Noncontact assessment of cardiovascular activity using laser Doppler vibrometry**  
John W. Rohrbaugh<sup>1</sup>, Robert R. Rice<sup>2</sup>, Erik J. Sirevaag<sup>1</sup>, & Andrew H. Ryan<sup>3</sup>  
*<sup>1</sup>Washington University School of Medicine, <sup>2</sup>The Boeing Company, <sup>3</sup>Department of Defense Polygraph Institute*
- 16. Parsing effects of affective stimulus content on startle reflex modulation in men**  
Edward Bernat, Christopher J. Patrick, Stephen Benning, Daniel Blonigen, & Brian Hicks  
*University of Minnesota*
- 17. Effects of affective content and intensity on startle blink and ERP in women**  
Edward Bernat, Christopher Patrick, Benjamin Steffen, & Sarah Sass  
*University of Minnesota*
- 18. Effects of negative affective priming and physiological reactivity on laboratory aggression**  
Edelyn Verona & Michele Pole  
*Kent State University*
- 19. Reduced P300 and externalizing: Evidence for genetic mediation**  
Christopher Patrick, Stephen M. Malone, Edward Bernat, Brian Hicks, Robert Krueger, & William G. Iacono  
*University of Minnesota*
- 20. Linear and nonlinear effects of smoking/nicotine on human EEG assessed using dense-array technology**  
Estate M. Sokhadze<sup>1</sup>, Michael E. Houlihan<sup>2</sup>, Walter S. Pritchard<sup>3,1</sup>, Thomas D. Guy<sup>3</sup>, & John H. Robinson<sup>3,1</sup>  
*<sup>1</sup>Wake Forest University-School of Medicine, <sup>2</sup>Arcadia University, <sup>3</sup>R. J. Reynolds Tobacco Co.*

**21. Effects of smoking/nicotine and response complexity on ERPs**

Estate M. Sokhadze<sup>1</sup>, Michael E. Houlihan<sup>2</sup>,  
Walter S. Pritchard<sup>3,1</sup>, Thomas D. Guy<sup>3</sup>, &  
John H. Robinson<sup>3,1</sup>

<sup>1</sup>Wake Forest University-School of Medicine,

<sup>2</sup>Arcadia University, <sup>3</sup>R. J. Reynolds Tobacco Co.

**22. Countermeasures(CMs) to P300-based detection of deception**

J. Peter Rosenfeld, Matthew Soskins, Joanna  
Blackburn, & Ann Mary Robertson

*Northwestern University*

**23. Response-specific scalp distributions in deception detection and ERP correlates of psychopathy**

Antoinette Reinhart Miller<sup>1</sup> & J. Peter  
Rosenfeld<sup>2</sup>

<sup>1</sup>Clayton College & State University,

<sup>2</sup>Northwestern University

**24. Alcohol & the Stroop task: Examining the role of cognitive control**

John J. Curtin & Brad A. Fairchild

*University of Wisconsin-Madison*

**25. Alcohol and error related negativity: A test of the response conflict resolution theory**

John J. Curtin, Brad A. Fairchild, & Daniel  
A. Green

*University of Wisconsin-Madison*

**26. Cortical source analysis of ERP of individual participants in psychophysiological experiments**

John E. Richards

*University of South Carolina*

**27. Effects of medial temporal lobe excisions on novelty P3 amplitude and scalp distribution**

David Friedman<sup>1</sup>, Doreen Nessler<sup>1</sup>, &  
Marla Hamberger<sup>2</sup>

<sup>1</sup>New York Psychiatric Institute, <sup>2</sup>Epilepsy Center,  
*Neurological Institute*

- 28. The effect of cross-modal repetition on the novelty P3**  
Yael M. Cycowicz, David Friedman, & Isabel Dziobek  
*New York Psychiatric Institute*
- 29. ERPs reflecting problem difficulty in an arithmetic task**  
M. Isabel Nuñez & M. Luisa Honrubia  
*University of Barcelona*
- 30. Evaluation of the dependencies between emotional and bioelectrical immaturity in military pilot candidates**  
Janina Maciejczyk, Stanislaw Dec, & Jan Miszczak  
*Polish Air Force Institute of Aviation Medicine*
- 31. Memory encoding failure in Alzheimer's disease: Neurobiological evidence**  
Judith M. Ford, Jessica Lee, Jennifer Keller, & Nusha Askari  
*Stanford University*
- 32. Sex differences in ERP measures of attentional resources**  
Frances Martin & Kristy Draper  
*University of Tasmania*
- 33. Selective improvements in multiple task performance: Event-related brain potentials dissociate practice from time pressure effects**  
Joerg Sangals, Werner Sommer, & Maria Wilwer  
*Humboldt University-Berlin*
- 34. On the reasons of response slowing in Parkinson's disease**  
Michael Falkenstein<sup>1</sup>, Joerg Hoormann<sup>1</sup>, Joachim Hohsbein<sup>1</sup>, & Horst Hielscher<sup>2</sup>  
*<sup>1</sup>Leibniz Research Center for the Working Environment & Human Factors, <sup>2</sup>City Hospital, Gelsenkirchen*

**35. Distraction by irrelevant visual information in Parkinson's disease: Behavioral and ERP evidence**

Joachim Hohnsbein<sup>1</sup>, Joerg Hoormann<sup>1</sup>,  
Horst Hielscher<sup>2</sup>, & Michael Falkenstein<sup>1</sup>

<sup>1</sup>*Leibniz Research Center for the Working  
Environment & Human Factors*, <sup>2</sup>*City Hospital,  
Gelsenkirchen*

**36. Using ERPs to investigate how hunger selectively influences food evaluations**

Stephen L. Crites, Jr.<sup>1</sup>, Dora Isable Lozano<sup>2</sup>,  
& Shelley N. Aikman-Eckenrode<sup>1</sup>

<sup>1</sup>*University of Texas at El Paso*, <sup>2</sup>*University of  
Southern California*

**37. Effects of alcohol intoxication on social information processing**

Bruce D. Bartholow<sup>1</sup>, Melanie Pearson<sup>2</sup>,  
Gabriele Gratton<sup>3</sup>, & Monica Fabiani<sup>3</sup>

<sup>1</sup>*University of North Carolina at Chapel Hill*,  
<sup>2</sup>*University of Missouri-Columbia*, <sup>3</sup>*University of  
Illinois at Urbana-Champaign*

**38. The functional localization of the lateralized readiness potential**

Hiroaki Masaki<sup>1</sup>, Nele Wild-Wall<sup>2</sup>, Joerg  
Sangals<sup>2</sup>, & Werner Sommer<sup>2</sup>

<sup>1</sup>*Japan Society for the Promotion of Science*,  
<sup>2</sup>*Humboldt University*

**39. P300 source localization using lead-field modeling and focused inversion**

Kevin M. Spencer<sup>1</sup>, David Weinstein<sup>2</sup>,  
Margaret A. Niznikiewicz<sup>1</sup>, & Robert W.  
McCarley<sup>1</sup>

<sup>1</sup>*Harvard Medical School/VA Boston Healthcare  
System*, <sup>2</sup>*University of Utah*

**40. Effects of repetition priming on induced gamma band responses in the human EEG**

T. Gruber & M.M. Müller  
*University of Liverpool*

- 41. Lower alpha activity differences between successful and unsuccessful performance in a motor task**  
J. Gualberto Cremades & Robert Castillo  
*Barry University*
- 42. Omega-3 fatty acids reduce DBP at rest and during stress: Diet as a source of individual differences in stress reactivity**  
Sheila G. West & Penny M. Kris-Etherton  
*Pennsylvania State University*
- 43. Effects of nicotine deprivation on event-related brain potentials in a Go/No-Go task**  
Andrey Anokhin & Angela Ralano  
*Washington University School of Medicine*
- 44. 6-9 Hz EEG synchronization during cognitive processing at 8 months and 4 years**  
Martha Ann Bell & Christy Wolfe Collie  
*Virginia Polytechnic Institute & State University*
- 45. Left or right button press versus silent count in tonal and phonetic oddball tasks: Current Source Density (CSD) ERPs and Principal Components Analysis (PCA)**  
Jürgen Kayser, Craig E. Tenke, Carlye B. Griggs, Stewart Shankman, & Gerard E. Bruder  
*New York State Psychiatric Institute*
- 46. Anger dysregulation in married couples**  
Sybil Carrere<sup>1</sup>, Dan Yoshimoto<sup>1</sup>, John Schwab<sup>2</sup>, Angela Mittmann<sup>3</sup>, Erica Woodin<sup>4</sup>, Amber Tabares<sup>1</sup>, Kim Ryan<sup>5</sup>, Melissa Hawkins<sup>6</sup>, Stacey Prince<sup>1</sup>, & John Gottman<sup>1</sup>  
<sup>1</sup>*University of Washington*, <sup>2</sup>*Talaris Institute*,  
<sup>3</sup>*University of California, Los Angeles*, <sup>4</sup>*SUNY-Stony Brook*, <sup>5</sup>*New College of Florida*,  
<sup>6</sup>*University of Utah*

- 47. On the automatic capture of attention by emotion: An event-related potential analysis**  
Harald T. Schupp<sup>1</sup>, Jessica Stockburger<sup>1</sup>, Markus Junghöfer<sup>2</sup>, Almut I. Weike<sup>1</sup>, & Alfons O. Hamm<sup>1</sup>  
*<sup>1</sup>University of Greifswald, <sup>2</sup>University of Konstanz*
- 48. Repressors display cognitive avoidance and sympathetic inhibition during positive emotional events that threaten self-concept**  
Marilyn Mendolia, Gary A. Baker, & Mark C. Clayton  
*The University of Mississippi*
- 49. Voluntarily performing certain facial muscular actions generates different patterns of facial EMG activities**  
Senqi Hu & Jennifer J. Conn  
*Humboldt State University*
- 50. Frontal EEG asymmetry during sleep and its relation to affective style**  
Louis A. Schmidt<sup>1</sup>, Kimberly A. Cote<sup>2</sup>, Diane L. Santesso<sup>1</sup>, & Catherine E. Milner<sup>2</sup>  
*<sup>1</sup>McMaster University, <sup>2</sup>Brock University*
- 51. Emotional reactivity during anticipation and perception of affective pictures**  
M. Carmen Pastor, Rosario Poy, Susana Montañés, M. Pilar Tormo, Pilar Segarra, Jaime Vila, & Javier Moltó  
*Jaume I University*
- 52. Affective processing in patients with neurally mediated syncope**  
Daniela Palomba<sup>1</sup>, Maurizio Codispoti<sup>1</sup>, Pietro Cortelli<sup>2</sup>, Giorgio Barletta<sup>3</sup>, Giulia Pierangeli<sup>3</sup>, & Giulia Buodo<sup>1</sup>  
*<sup>1</sup>University of Padova, <sup>2</sup>University of Modena, <sup>3</sup>University of Bologna*

**53. Individual physiological and psychological reactivity to environmental sounds**

Michael Vickroy<sup>1</sup>, Michael T. Bergen<sup>1</sup>,  
Harry L. Moore, Jr.<sup>2</sup>, & Richard J.  
Servatius<sup>1,3</sup>

<sup>1</sup>*Department of Veterans Affairs*, <sup>2</sup>*TACOM-ARDEC*, <sup>3</sup>*New Jersey School of Medicine*

**54. Event-related brain potentials within an extended affective/evaluative oddball paradigm**

Isabel B. da Fonseca<sup>1</sup>, Armando M. de  
Oliveira<sup>2</sup>, & Francisco R. Cardoso<sup>2</sup>

<sup>1</sup>*University of Lisbon*, <sup>2</sup>*University of Coimbra*

**55. Content and context: Additional sources of variability in affective picture processing ERPs?**

F. Joseph McClernon

*Duke University & VA Medical Centers*

**56. Who's on last: Pupil dilation and fMRI assessment of inhibition between cognitive and emotional processing in depressed and healthy individuals**

Greg J. Siegle, Stuart R. Steinhauer, Roma  
O. Konecky, Michael E. Thase, & Cameron  
S. Carter

*University of Pittsburgh*

**57. Noise characteristics and optimum filtering for EROS measurements**

Edward L. Maclin, Gabriele Gratton, &  
Monica Fabiani

*University of Illinois at Urbana-Champaign*

**58. A single relaxation session improves incidental visual memory**

Hartmut Schaechinger, Esmeralda Nava, &  
Daniela Landau

*University Hospital Basel*

**59. Language perception under concurrent task load**

Annette Neumann, Joerg Sangals, &  
Werner Sommer  
*Humboldt University-Berlin*

**60. Differential activation of the thalamus during prepulse inhibition: A mixed-trial fMRI study**

Erin A. Hazlett, Monte S. Buchsbaum, &  
Cheuk Tang  
*The Mount Sinai School of Medicine*

**61. Phantom hands and intermanual interference in nonamputated individuals: A fMRI-study**

Gebhard Sammer, Carlo Blecker, Peter  
Kirsch, & Dieter Vaitl  
*University of Giessen*

**62. Effects of affective context information on auditory-visual integration as revealed by fMRI**

Gebhard Sammer, Susanne V. Frowein,  
Peter Kirsch, & Dieter Vaitl  
*University of Giessen*

**63. Activation of the prefrontal cortex in adults with ADHD: An fMRI study**

Peter Kirsch, Sigrid Scholz, Gebhard  
Sammer, & Dieter Vaitl  
*University of Giessen*

**64. A procedure for recording heart rate variability during functional magnetic resonance imaging**

Deane Aikins<sup>1,2</sup>  
<sup>1</sup>*Yale University*, <sup>2</sup>*National Center for PTSD*

**65. The contribution of reduced heart rate variability in panic disorder with and without nocturnal panic attacks**

Deane Aikins<sup>1,2</sup> & Michelle Craske<sup>3</sup>  
<sup>1</sup>*Yale University*, <sup>2</sup>*National Center for PTSD*,  
<sup>3</sup>*University of California, Los Angeles*

- 66. Increased heart rate variability in nocturnal panic following cognitive behavioral therapy: Contributions from the mind and the body**  
Deane Aikins<sup>1,2</sup> & Michelle Craske<sup>3</sup>  
<sup>1</sup>*Yale University*, <sup>2</sup>*National Center for PTSD*,  
<sup>3</sup>*University of California, Los Angeles*
- 67. The psychophysiological detection of concealed information: A comparison of written versus pictorial stimulus presentation on skin conductance response and phasic heart rate**  
Hans-Georg Rill<sup>1</sup>, Heinz Werner Gödert<sup>1</sup>,  
Gerhard Vossel<sup>1</sup>, Anthony Busuttil<sup>2</sup>, &  
Keith R. Ashcroft<sup>2</sup>  
<sup>1</sup>*University of Mainz*, <sup>2</sup>*University of Edinburgh*
- 68. Phasic heart rate as an index in the Guilty Actions Test for the psychophysiological detection of concealed information**  
Heinz Werner Gödert<sup>1</sup>, Hans-Georg Rill<sup>1</sup>,  
Gerhard Vossel<sup>1</sup>, Keith R. Ashcroft<sup>2</sup>, &  
Anthony Busuttil<sup>2</sup>  
<sup>1</sup>*University of Mainz*, <sup>2</sup>*University of Edinburgh*
- 69. An examination of various psychophysiological parameters for detecting concealed information**  
Keith R. Ashcroft<sup>1</sup>, Matthias Gamer<sup>2</sup>,  
Hans-Georg Rill<sup>2</sup>, Heinz Werner Gödert<sup>2</sup>,  
Gerhard Vossel<sup>2</sup>, & Anthony Busuttil<sup>1</sup>  
<sup>1</sup>*University of Edinburgh*, <sup>2</sup>*University of Mainz*
- 70. Different hypnotic suggestions of analgesia modulate the sensory-discriminative and the motivational-affective component of pain processing selectively**  
Thomas Weiss, Wolfgang H.R. Miltner, Ralf  
Trippel, Holger Hecht, Marc Friederich, &  
Tanja Scheler  
*Friedrich Schiller University, Jena*

**71. Central nervous activation to nociceptive stimulation in high susceptible subjects during hypnotic analgesia**

Thomas Weiss<sup>1</sup>, Wolfgang H.R. Miltner<sup>1</sup>, Carlo Blecker<sup>2</sup>, Daniela Simon<sup>1</sup>, Rudolf Stark<sup>2</sup>, Holger Hecht<sup>1</sup>, Ralf Trippe<sup>1</sup>, & Dieter Vaitl<sup>2</sup>

<sup>1</sup>*Friedrich Schiller University, Jena*, <sup>2</sup>*University of Giessen*

**72. Attention bias in phobics: Cortical and behavioral correlates**

Wolfgang H.R. Miltner, Silke Krieschel, Holger Hecht, Ralf Trippe, & Thomas Weiss

*Friedrich Schiller University, Jena*

**73. Effects of ambient odor administration on sleep quality, sleep duration, and post-sleep cognitive functioning and alertness**

Bryan Raudenbush, Jerrod Koon, Jeffrey Smith, & Phillip Zoladz

*Wheeling Jesuit University*

**74. Effects of odor administration on pain threshold, pain tolerance, physiological stress measurements, mood, workload, and anxiety**

Bryan Raudenbush<sup>1</sup>, Jerrod Koon<sup>1</sup>, Brian Meyer<sup>2</sup>, & Nick Flower<sup>3</sup>

<sup>1</sup>*Wheeling Jesuit University*, <sup>2</sup>*Appalachian State University*, <sup>3</sup>*Northwood Health Systems*

**75. Examination of normalized pulse volume - blood volume relationship: Toward a more valid estimation of the finger vascular tone**

Gohichi Tanaka, Yukihiko Sawada, & Kenta Matsumura

*Sapporo Medical University*

**76. Phase-dependent heart rate change as an index for predictive timing of RT signals: A simulation study**

Riek J.M. Somsen<sup>1</sup>, J. Richard Jennings<sup>2</sup>, Maurits W. Van der Molen<sup>1</sup>

<sup>1</sup>*University of Amsterdam*, <sup>2</sup>*University of Pittsburgh*

- 77. Reduced parasympathetic activity and decreased sympathovagal flexibility among healthy high-hostiles during emotional processing**  
Heath A. Demaree<sup>1</sup>, Jennifer L. Robinson<sup>1</sup>, & D. Erik Everhart<sup>2</sup>  
*<sup>1</sup>Case Western Reserve University, <sup>2</sup>East Carolina University*
- 78. Low alpha power (7.5-9.5Hz) changes during positive and negative emotion processing**  
D. Erik Everhart<sup>1</sup>, Jennifer L. Robinson<sup>2</sup>, & Heath A. Demaree<sup>2</sup>  
*<sup>1</sup>East Carolina University, <sup>2</sup>Case Western Reserve University*
- 79. Attention hypoarousal in nonsmokers with a family smoking history**  
Steven L. Schandler, Nashla Feres, Ngoc Mai Wells, & Giovanna C. Nichola  
*Chapman University*
- 80. Increased response time enhances orienting and information processing in adult children of alcoholics**  
Steven L. Schandler, Michael J. Cohen, Lindsey Velez, & Kathleen Turnbaugh  
*Long Beach Veterans Affairs Health Care System*
- 81. It's not how much you do, but what you do: Physical activity and executive control in older adults**  
Charles H. Hillman, Erin M. Snook, Artem Belopolsky, Arthur F. Kramer, & Edward McAuley  
*University of Illinois at Urbana-Champaign*
- 82. Emotion and motivated behavior: Postural adjustments to affective picture viewing**  
Charles H. Hillman, Karl S. Rosengren, Darin P. Smith, & Jon P. Hudson  
*University of Illinois at Urbana-Champaign*

- 83. Physiological correlates of emotional processing through written disclosure**  
Denise M. Sloan, Brian P. Marx, & Jose Soler-Baillo  
*Temple University*
- 84. Hypomanic tendencies predict lower startle magnitudes during pleasant pictures**  
Steven K. Sutton & Sheri L. Johnson  
*University of Miami*
- 85. Evoked EEG coherence, event-related potentials and startle response reflect altered emotional information processing in MVA survivors with posttraumatic stress disorder (PTSD)**  
Anke Karl<sup>1</sup>, Katja Lämmerhirt<sup>1</sup>, Denise Dörfel<sup>1</sup>, Antje Erlebach<sup>1</sup>, Ulrich Buhss<sup>1</sup>, Hans Jürgen Volke<sup>1</sup>, & Andreas Maercker<sup>2</sup>  
<sup>1</sup>*University of Technology Dresden*, <sup>2</sup>*University of Zürich*
- 86. ANS activity in schizophrenics and normal controls during verbal working memory load**  
Carsten Diener & Robert Olbrich  
*Central Institute of Mental Health*
- 87. Habituation and sensitization of psychophysiological reactivity to stress in men and women**  
Robert M. Kelsey<sup>1</sup>, Kathleen Soderlund<sup>2</sup>, Carlotta M. Arthur<sup>3</sup>, & Sidney R. Ornduff<sup>1</sup>  
<sup>1</sup>*University of Tennessee*, <sup>2</sup>*University of North Texas*, <sup>3</sup>*Harvard School of Public Health*
- 88. The relationship between facial skin surface temperature reactivity and traditional polygraph measures**  
Dean A. Pollina<sup>1</sup>, Ioannis Pavlidis<sup>2</sup>, & Andrew H. Ryan<sup>1</sup>  
<sup>1</sup>*Department of Defense Polygraph Institute*, <sup>2</sup>*Honeywell Corporation*

- 89. Individual differences in the sleep onset process: ERP, EEG, and personality**  
Kiwamu Yasuda, Kimberly A. Cote, & Laura Ray  
*Brock University*
- 90. Cardiac and cortisol reactivity of temperamentally exuberant children**  
Kristin A. Buss  
*University of Missouri-Columbia*
- 91. Consideration of temperament and gender in the interpretation of physiologic data**  
Nancy Snidman<sup>1</sup>, Jerome Kagan<sup>1</sup>, Sue Woodward<sup>1</sup>, & Mark McManis<sup>2</sup>  
<sup>1</sup>*Harvard University* <sup>2</sup>*University of Texas at Houston*
- 92. Relationships among 24-hour activity diary recordings, Holter monitor heart rate, and Actigraph activity monitoring**  
Stephen M. Patterson<sup>1</sup>, Jeffrey B. Vancouver<sup>1</sup>, & David S. Krantz<sup>2</sup>  
<sup>1</sup>*Ohio University*, <sup>2</sup>*Uniformed Services University of the Health Sciences*
- 93. Phase relationship between respiration and respiratory sinus arrhythmia varies as a function of respiration rate**  
Nicholas D. Giardino, Leighton Chan, & Soo Borson  
*University of Washington*
- 94. The long and the short of it: Influence of inter-stimulus interval on auditory P300 abnormalities in schizophrenia**  
Daniel H. Mathalon<sup>1</sup> & Judith M. Ford<sup>2</sup>  
<sup>1</sup>*Yale University & VA Connecticut Health Care System*, <sup>2</sup>*Stanford University & VA Palo Alto Health Care System*

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- 95. One-year longitudinal stability of the P50 event-related potential in schizophrenia patients and normal comparison subjects**  
Cindy M. Yee, Sarah E. Morris, & Keith H. Nuechterlein  
*University of California, Los Angeles*
- 96. Reduction of MMN in the first few years of schizophrenia**  
Dean Salisbury, Martha E. Shenton, & Robert W. McCarley  
*Harvard Medical School, McLean Hospital*
- 97. Is startle exaggerated in posttraumatic stress disorder?**  
Mark W. Miller & Jennifer L. Greif  
*Boston University/Boston VAMC*
- 98. Flexibility of breathing regulation in high and low anxious persons**  
Omer Van den Bergh, Ilse Van Diest, Karel P. Van de Woestijne, & Bruno Vandeputte  
*University of Leuven*