

The following posters have been withdrawn:

Poster #13

NEURAL CORRELATES OF AUTOMATIC ATTENTION IN TOUCH: EVENT RELATED POTENTIAL AND BEHAVIOURAL MEASURES

Alexander Jones & Bettina Forster
City University London

Poster #66

DIFFERENTIAL FRONTAL NEURAL ACTIVATION OF MALES AND FEMALES FOR DEDUCTIVE LOGIC USED IN SUDOKU PUZZLES WITH DIFFERENT STIMULI

Ashley L. Strong, Elizabeth L. Grubbs, Lori B. Mullins, & James E. Horton
The University of Virginia's College at Wise

Poster #135

MECHANISMS OF SUPPRESSION OF NEUTRAL AND NEGATIVE PICTURES INVESTIGATED VIA THE THINK/NO-THINK PARADIGM—AN FMRI STUDY

Alica C. Dieler¹, Michael M. Plichta², & Andreas J. Fallgatter³
¹*University Clinic Würzburg*, ²*ZI Mannheim*,
³*University Clinic Tübingen*

Poster #136

EEG STUDY DIRECTED FORGETTING IN YOUNG AND OLDER ADULTS

Brigitta Tóth, Roland Boha, Máté Benyovszky, Zsófia Anna Gaál, & Márk Molnár
Institute of Psychology, Hungarian Academy of Sciences, Budapest

Poster #154

THE LEFT HEMISPHERE KNOWS MORE ABOUT VERBS THAN THE RIGHT HEMISPHERE DOES

Zhenghan Qi¹, Scott R. Jackson², & Susan M. Garnsey¹
¹*University of Illinois at Urbana-Champaign*,
²*University of Maryland*

Poster Session III

Saturday, October 2

The following abstract was not complete in the *Psychophysiology Journal*:

Poster #30

THE PROCESSING OF EMOTIONAL EYES IS INFLUENCED BY SPATIAL ATTENTION: NEURAL AND BEHAVIORAL DATA

Xiyao Xie & Yuejia Luo
National Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University

Previous studies have demonstrated emotional effects could be triggered by eyes at behavioral and physiological level. However, little is known about the effect of spatial attention on the processing of emotional eyes. To investigate whether the processing of emotional eyes is modulated by spatial attention, ERPs were recorded in response to stimulus arrays containing one emotional (angry/happy) or neutral eyes at fixation, which was flanked by a pair of peripheral bilateral lines. Twenty participants were instructed to discriminate the expression of eyes, and to judge the length of line pair in separate blocks. Behavioral analyses revealed that reaction times (RTs) were shorter and error rates were fewer in emotional discrimination task, especially when the eyes were emotional. And the RTs were the longest when eyes were angry in lines task. ERP analyses showed that when attention was focused on the central eyes, an enhanced positivity was elicited by angry as compared to neutral eyes. This effect was highly significant in the 200–600ms post-stimulus interval across frontal, central and parietal part of the brain. When attention was directed away from the eyes towards the line pair, the mentioned emotional expression effects were strongly attenuated, or entirely absent. And eyes could elicit the early-face-sensitive ERP component N170. These results suggest that more cognitive resources may involve in the processing of negative emotion expressed by the eyes, and this processing could be modulated by spatial attention, which implicates emotional eyes might have specific processing mechanism.

The following poster has been withdrawn:

Poster #1

ATTENUATED CARDIOVASCULAR RESPONSES TO STRESS DURING SMOKING WITHDRAWAL

Motohiro Nakajima, Elizabeth Ford, Koji Fujiwara, & Mustafa al'Absi
University of Minnesota Medical School, Duluth

SPR

50th Anniversary

Society for Psychophysiological Research

SPR PROGRAM ADDENDUM

Student Social Location

All students are invited to attend the Student Social scheduled on Friday, October 1 starting at 10:00 p.m. This year's social will be held at the Hotel Fifty (50 SW Morrison, about a ½-mile from the hotel).

Directions:

1. Head North on SW Naito Parkway toward Columbia Street. The Waterfront Park and river will be on your right.
2. Turn left at SW Morrison Street. Hotel Fifty will be on the left side of the street.

Business Meeting and Luncheon

If you registered for the Business Meeting and Luncheon, there will be a separate place card provided in your badge envelope. This place card will act as your ticket to the Business Meeting and Luncheon. Please set your place card on the table at the start of the Business Meeting and Luncheon. If you prefer a vegetarian meal, please alert your waiter or waitress so they can bring you the appropriate meal.

Tickets for the Business Meeting and Luncheon are only available to purchase on site until 12:00 noon on Thursday, September 30. If you are not sure if you already purchased a ticket, please check the back of your badge.

Program Updates

Yulily N. Yoncheva will be presenting *Attentional Focus During Learning Impacts Emerging Reading Expertise* in **Symposium 1.2**. Johanna Kissler is not able to attend.

Greg Siegle will be presenting *Is More Because of Less? Brain Mechanisms of Decreased Pupillary Reactivity in Depression* in **Symposium 2.3**. Marcus A. Gray is not able to attend.

Stuart White will be presenting *Youths with Conduct Disorder and Callous-Unemotional Traits Show Disrupted Ventromedial Frontal Cortex Function During Decisions Regarding Environmental Threats and Rewards* in **Symposium 6.2**. Katherine Fowler is not able to attend.

Lisa Sheeber will serve as the session chair for **Symposium 8.2**. Nicholas B. Allen is not able to attend.

Ellen Kessel is the first author of the symposia *The Late Positive Potential as a Neural Marker for the Positivity Bias in Exuberant Children*. Oliver Dobrich was originally listed as the first author.

Terry Blumenthal and **Christine Larson** will be leading the Eyeblink Startle Reflex roundtable discussion. Larry Hawk is not able to attend.

The following Special Interest Lunches will be taking place:

Faculty from Primarily Undergraduate Institutions
Friday, October 1, 2010 • 11:30 a.m.-1:00 p.m.

Contact:

Rebecca Compton at rcompton@haverford.edu

Deception Detection

Friday, October 1, 2010 • 11:30 a.m.-1:00 p.m.

Contact:

Frank Marchak at fmarchak@vradc.com

Poster Session Updates and Changes

Poster Session I

Thursday, September 30

The following poster has added an author:

Poster #77

CHANGES IN MIDDLE LATENCY AUDITORY EVOKED POTENTIALS DURING FOUR PHASES OF WAKEFULNESS

Manjunath N. Krishnamurthy, Raghavendra R. Bhat, Shirley A. Telles, & Naveen K. Visweswaraiiah
Swami Vivekananda Yoga Research Foundation

The following poster has been withdrawn:

Poster #143

TIME COURSE OF TRUSTWORTHINESS JUDGMENTS OF FACES

Dingcheng Wu¹, Gizelle Anzures², Fengling Ma¹, Fen Xu¹, & Kang Lee²

¹State Key Laboratory of Cognitive Neuroscience and Learning, ²Institute of Child Study

Poster Session II

Friday, October 1

The following poster had a misspelling in an author name:

Poster #7

EMOTIONAL IMPULSIVITY PREDICTS TREATMENT RESPONSE IN WOMEN WHO BINGE EAT:

AN EXPLORATORY STUDY

Eunice Y. Chen, Karla Fettich, Jessica Weissman, Johnny Berona, Matthew Southward, Kara Christensen, Caroline Taromino, **Megan Nelson**, & Haotian Zhou

The University of Chicago

The following posters have added an author:

Poster #16

DIFFERING RESPONSES TO STARTLE PROBE STIMULI ACCOUNT FOR UNIQUE VARIANCE IN PSYCHOPATHY FACTOR 1

Laura E. Drislane, Uma Vaidyanathan, Edward M. Bernat, Christopher J. Patrick, & **Chelsea Morgan**
Florida State University

Poster #45

CAFFEINE DIFFERENTIALLY AFFECTS ERPS RELATED TO INVOLUNTARY (N1) AND VOLUNTARY (P3) ATTENTION

Erika K. Reckert, Perry L. Person, **Sarah Eldridge**, **Kelly A. Coney**, & **Jeffrey J. Sable**
Rhodes College

Poster #46

CAFFEINE, PHYSIOLOGICAL AROUSAL, AND MOOD: THE EFFECTS OF CAFFEINE AND INDUCED MOOD ON BRAIN ACTIVITY, HEART RATE, AND ATTITUDE CHANGE

Kelly A. Coney, Perry L. Person, Erika K. Reckert, Sarah Eldridge, Danielle E. Fincher, Madeline R. Scott, Julia K. Stewart, & **Jeffrey J. Sable**
Rhodes College

Poster #144

ELECTROPHYSIOLOGICAL EVIDENCE FOR INHIBITORY CROSS-EDGE COMPETITION DURING FIGURE-GROUND PERCEPTION

Joseph L. Sanguinetti, Mary A. Peterson, **Kristen M. Ash** & John J.B. Allen
University of Arizona