



59TH SPR ANNUAL MEETING

Washington, DC

Hyatt Regency Washington on Capitol Hill

September 25 - 29, 2019

[www.sprweb.org](http://www.sprweb.org)



## Program Addendum

### Wireless Internet

There is complimentary wireless internet available in the meeting space at the Hyatt Regency Hotel on Capitol Hill for all attendees.

Network Name: HYATT-MEETING

Password: SPR2019

### Mobile App

Have you downloaded the mobile app? Search for the "Attendify" app in the iTunes Store or Google Play and download it. Click into it and search for the SPR 2019 mobile app.

### Committee Meetings

The 2019 and 2020 Program Committees will be meeting together on Friday, September 27 between 11:30 a.m.-1:00 p.m. Please meet in the lobby of the Hyatt Hotel at 11:30 a.m. to walk to the restaurant.

### Speaker Change

Wednesday, September 25, 2019

5:30 p.m.-6:30 p.m.

Congressional B, Lobby Level

MAXIMIZING THE IMPACT OF YOUR PUBLISHED WORK

Monica Fabiani, Editor-in-Chief, *Psychophysiology* and Jenny Peng, Senior Editor at Wiley

Jenny Peng will be replaced by Jennifer Davison, Executive Director, Wiley.

### Workshop Cancellation

The following workshop was cancelled. All registrants were notified by email.

Wednesday, September 25, 2019

9:00 a.m.-4:30 p.m.

Pre-Conference Workshop 1: Ambulatory Psychophysiology

Organizer: Greg Siegle, University of Pittsburgh

### Poster Location Change

The following poster has been switched from Poster Session I to the following poster session:

Thursday, September 26, 2019

POSTER 2-119

CHANGES IN THE STIMULUS PRECEDING NEGATIVITY DURING MOTOR LEARNING

Sabrina Bhangal<sup>1</sup>, Shreya Sharma<sup>1</sup>, Xi Ren<sup>1</sup>, Fernando Valle-Inclan<sup>2</sup> & Steven Hackley<sup>1</sup>

<sup>1</sup>University of Missouri, Columbia, <sup>2</sup>University of La Coruna

### Poster Abstract Change

Please make note of the following abstract and author changes:

POSTER 2-108

CARDIAC VAGAL ACTIVITY AND RESPIRATORY SINUS ARRHYTHMIA (RSA) IN RELATION TO RESILIENCE AND NOTIONS OF LOVE AND AFFECTION IN MOTHER-DAUGHTER DYADS

Sabrina Legaspi, Rachel Mehlman, Deirdre Katz, Allison Keil, Valerie Truong, Brienne Pfeifer & Sarina Saturn  
University of Portland

Our study focused on the relationship between vagal activity and prosocial behaviors and traits in mother-daughter dyads (N=52). Affectionate Exchange Theory proposes that affectionate communication for behaviors expressing and receiving love, play a large role in the mediation of personal affect and physiological responses by buffering stress susceptibility (Floyd, 2014). Participants show different respiratory sinus arrhythmia (RSA) patterns of responding to moral elevation: 30% went up, N=15; 26% went down, N=13; and 44% had no change, N=22. Following Porges' Polyvagal Theory, participants were categorized as coactivators (those whose Heart Rate and RSA both increased post-elevation induction) or coinhibitors (those whose HR & RSA both declined post induction). T-tests comparisons reveal that coactivators (N=17) had significantly higher traits of giving affection than coinhibitors (N=5) [ $t(20)=-2.718$ ;  $p=0.013$ ]. Coinhibitors show significantly higher levels of perceived stress than coactivators [ $t(20)=2.679$ ;  $p=0.014$ ]. ANOVA analyses reveal that participants' self-reported resilience was significantly different between groups with different vagal activity ( $F(2,47)=3.7$ ,  $p=.03$ ). Those whose RSA values increased were associated with lower resilience of social resources compared to those who did not change ( $p=.01$ ). Results from this study help us understand the mechanisms involved in how compassion and resilience in family relationships may be associated with both psychological and physiological wellbeing.

### Poster Withdrawals

The following poster presentation has been withdrawn.

POSTER 2-035

AFFECTIVE PROCESSING AND SELF/OTHER IN FUTURE THINKING: AN HEP STUDY

Yuichi Ito<sup>1,2</sup>, Yuto Tanaka<sup>1</sup>, Koki Tsuji<sup>1,2</sup>, Kazushi Shinagawa<sup>1</sup>, Midori Shibata<sup>1</sup>, Yuri Terasawa<sup>1</sup> & Satoshi Umeda<sup>1</sup>

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

POSTER 3-054

THE NEUROBIOLOGY OF ANTICIPATING UNCERTAIN AND CERTAIN THREAT

Juyoen Hur<sup>1</sup>, Jason Smith<sup>1</sup>, Kathryn DeYoung<sup>1</sup>, Jinyi Kuang<sup>2</sup>, Allegra Anderson<sup>3</sup>, Rachael Tillman<sup>1</sup>, Hyung Cho Kim<sup>1</sup> & Alexander Shackman<sup>1</sup>

<sup>1</sup>University of Maryland, College Park, <sup>2</sup>University of Pennsylvania, <sup>3</sup>Vanderbilt University