SOCIETY FOR PSYCHOPHYSIOLOGICAL RESEARCH
September 2025 | Volume 37

STUDENT NEWSLETTER

Join us for the SPR 2025 Annual Meeting in Montréal, Canada!

October 15 - October18, 2025
Le Westin Montréal, Montréal, Canada

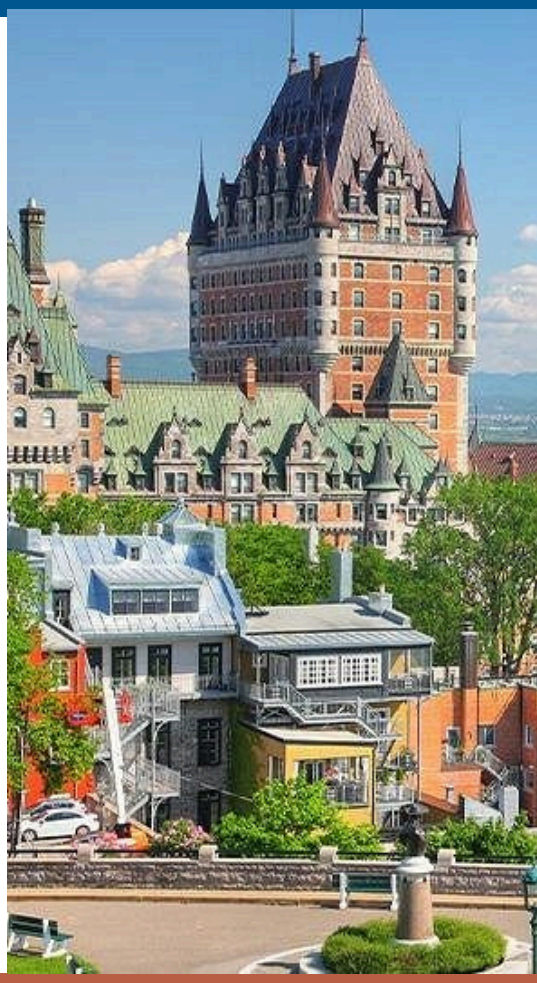
SPR's 65th Annual Meeting will feature symposia, poster sessions, and plenary talks across psychophysiology. Pre-conference workshops will provide hands-on training in key methods and emerging research areas. Stay tuned for updates on registration, housing, and the program schedule. We look forward to welcoming you to Montréal this October!

https://sprweb.org/2025-annual-meeting/

IN THIS ISSUE

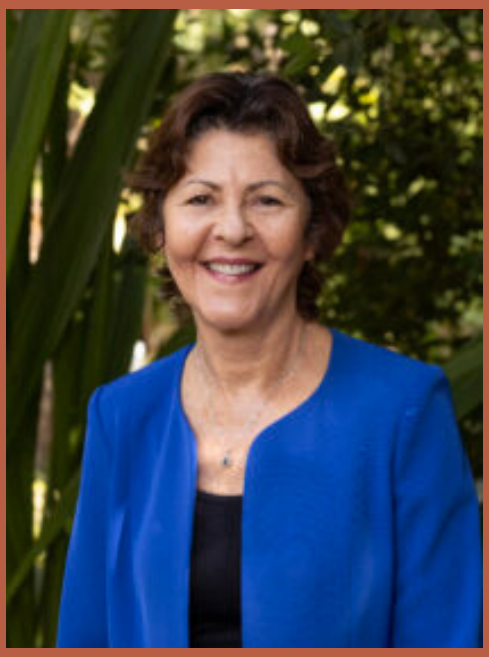
2025 ANNUAL MEETING

SPR's 65th Annual Meeting will bring together scientists to share research and foster collaboration in psychophysiology. Invited speakers include Dani S. Bassett, PhD (University of Pennsylvania), renowned for groundbreaking work on brain networks and cognition; Michelle G. Craske, PhD (UCLA), a leading authority on fear, anxiety, and depression; and Diego A. Pizzagalli, PhD (UC Irvine), recognized for advancing our understanding of depression and biomarker discovery. With symposia, posters, workshops, and panels, SPR 2025 promises a rich, engaging experience for attendees at all career stages.

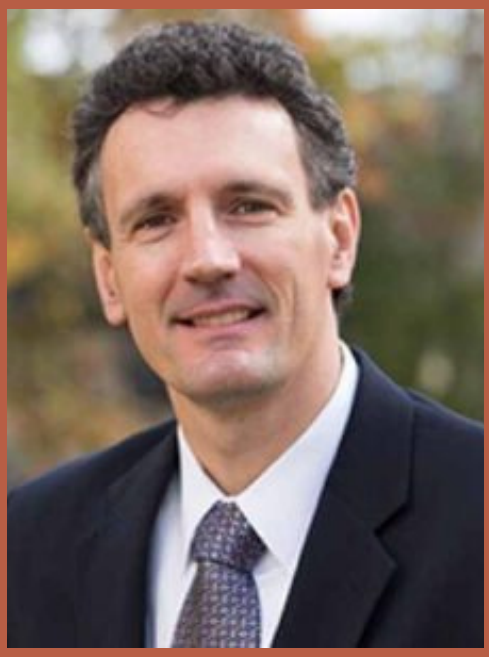


INVITED SPEAKERS

Dani S. Bassett, PhD
University of Pennsylvania, USA



Michelle G. Craske, Ph.D
University of California – Los Angeles, USA



Diego A. Pizzagalli, PhD
UC Irvine, USA

2025 ANNUAL MEETING WORKSHOPS & HIGHLIGHTS

Pre-Conference Workshops

Hands-on training in **EEG synchronization** (Mike Cohen), **HRV best practices** (Mika Tarvainen), and **neuromodulation/rTMS** (Lisa McTeague & Jayce Doose).

Special Sessions

Connect through the **Speed Networking Breakfast,** discover new ideas in the **Faces of the Future Flash Talks**, and celebrate promising work in the **Early Career Award Talks**.

Networking & Luncheons

Join the **WISE Luncheon** on advocating for oneself, take part in **ETC Roundtable** discussions on translational science, explore cross-disciplinary advances at the **Engineering & Psychophysiology Luncheon**, and connect with colleagues at the **Business Meeting & Awards Luncheon**.

Poster Sessions

Three large sessions will showcase cutting-edge research and provide opportunities to exchange ideas with colleagues.

Community & Social Events

Join the **Opening Reception**, attend the **Student Social**, and wrap up at the **Saturday Night Social**, marking 25 years of the SPR Blues Band!

2025 Workshops

Best Practices in HRV Research
Mika P. Tarvainen, PhD
Wednesday, October 15

EEG Synchronization in Time, Frequency, and Space
Mike X. Cohen, PhD
Tuesday, October 14 - Wednesday, October 15

Neuromodulation for Advancing Psychophysiology in the Laboratory and Clinic: rTMS for Probing and Modulating
Lisa M. McTeague, PhD
Jayce Doose, MEng
Wednesday, October 15

2025 ANNUAL MEETING REGISTRATION & SCHEDULE

REGISTRATION

Registration is now open for the SPR 65th Annual Meeting, October 15-18, 2025, in Montréal, Canada. Consider becoming a member of SPR to save on your registration. More information is available **here.**

SCHEDULE AT A GLANCE

Poster Session Schedule

- *Poster Session I — Oct 15, 5:00 p.m.-7:00 p.m.*
- *Poster Session II — Oct 16, 6:30 p.m.-8:30 p.m.*
- *Poster Session III — Oct 17, 6:30 p.m.-8:30 p.m.*

Invited Keynote Addresses

- *Oct 16, 11:00 a.m.-12:00 p.m. — Diego A. Pizzagalli, PhD (UC Irvine)*
- *Oct 17, 10:45 a.m.-11:45 a.m. — Dani S. Bassett, PhD (University of PA)*
- *Oct 18, 10:45 a.m.-11:45 a.m. — Michelle G. Craske, PhD (UCLA)*

Special Sessions

- *Speed Networking Breakfast — Oct 16, 7:30 a.m.-8:30 a.m.*
- *Faces of the Future Flash Talks — Oct 16, 5:10 p.m.-6:30 p.m.*
- *Early Career Award Talks — Oct 17, 3:15 p.m.-4:15 p.m.*

Networking & Luncheons

- WISE Luncheon — Oct 16, 12:00 p.m.-1:30 p.m.
- ETC Roundtable Luncheon — Oct 17, 11:45 a.m.-1:15 p.m.
- Engineering & Psychophysiology Luncheon — Oct 17, 11:45 a.m.-1:15 p.m.
- Business Meeting & Awards Luncheon — Oct 18, 1:00 p.m.-3:00 p.m.

Community & Social Events

- Student Social (offsite) — Oct 16, 9:00 p.m.-11:00 p.m.
- Saturday Night Social with the SPR Blues Band — Oct 18, 9:00 p.m.-11:59 p.m.

2025 EARLY CAREER AWARDEES

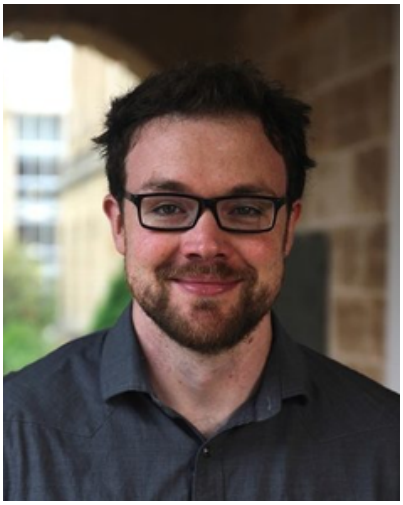
SOCIETY FOR PSYCHOPHYSIOLOGICAL RESEARCH

FRIDAY, OCTOBER 17TH
3:15PM - 4:15PM

SIMONE BATTAGLI, PHD
CENTRE FOR STUDIES AND RESEARCH IN COGNITIVE NEUROSCIENCE, ITALY
DEPARTMENT OF PSYCHOLOGY, UNIVERSITY OF BOLOGNA, ITALY

DEPARTMENT OF PSYCHOLOGY, UNIVERSITY OF TURIN, ITALY

JULIA KLAWOHN, PHD
PROFESSOR OF MEDICAL PSYCHOLOGY & SOCIOLOGY
DEPARTMENT OF HUMAN MEDICINE AT THE MEDICAL SCHOOL BERLIN (MSB)



DANIEL BRADFORD, PHD
ASSISTANT PROFESSOR, DEPARTMENT OF PSYCHOLOGY
UNIVERSITY OF MIAMI

SPR 2025 LUNCHEONS & SPECIAL EVENTS

SPR SOCIETY FOR PSYCHOPHYSIOLOGICAL RESEARCH

SPR's luncheons are more than meals, they're opportunities to connect, learn, and celebrate together!

WISE Luncheon: *Thursday, October 16 | 12:00-1:30 p.m.*
Join an empowering session on Advocating for and Promoting Oneself. Topics include negotiating contracts, navigating unsupportive lab environments, applying for awards, and overcoming imposter syndrome. A chance to learn, share, and connect with peers facing similar challenges.

Education & Training Committee (ETC) Roundtable Luncheon: *Friday, October 17 | 11:45 a.m.-1:15 p.m.*
Discover how to turn raw signals into real-world impact. This roundtable brings together leading scientists and trainees to explore how cutting-edge methods in psychophysiology can drive translational science and innovative collaborations. Come curious, leave inspired.

Engineering & Psychophysiology Luncheon: *Friday, October 17 | 11:45 a.m.-1:15 p.m.*
Step into the future of wearables, biosensing, and human-technology interaction. Hear from cross-disciplinary experts on how engineering and psychophysiology can shape the next generation of devices and data. Perfect for those eager to connect across disciplines and spark new ideas.

Business Meeting & Awards Luncheon: *Saturday, October 18 | 1:00-3:00 p.m.*
Celebrate the SPR community! Hear society updates, honor award recipients, and share lunch with colleagues from around the world. A highlight of the meeting where science and community come together.

STUDENT EVENTS

Student Social

It's a long-standing SPR tradition to celebrate student attendees with a fun and relaxed social event! This year's Student Social will take place on **Thursday, October 16, at 3 Brasseurs (3 Brewers) Saint-Paul, located at 105 Rue Saint-Paul E, Montreal, Quebec H2Y 1G7**. Join us right after Thursday's poster session for an evening of good food, drinks, and casual conversation with fellow students and early-career researchers

Student Coffee Hour

We are also hosting a Coffee Hour for students. Whether you're hoping to discuss ideas, share experiences, or just enjoy a drink with good company, this is a great opportunity to network and make meaningful connections in a smaller setting. The **coffee hour will be held on Friday (October 17)**. Time and location will be specified in the conference program.

Welcome Table

Are you new to SPR? Are you looking to connect with other students or researchers in your field? **Look out for our Welcome Table on your first night at the upcoming SPR 2025 Annual Meeting in Montreal**. We would love to help you get oriented and make sure you get the most out of your conference experience. We also have a few student events lined up for the conference; all undergraduate, post-baccalaureate and graduate students, as well as post-doctoral fellows are welcome.

Student CPSI Meeting

Interested in getting involved with SPR? Come join the SPR Committee to Promote Student Interests (CPSI) at our upcoming 2025 Annual Meeting! We're looking for new student members to help plan events, share ideas, and advocate for student needs within SPR. **The meeting will take place on Friday evening** - all undergraduate, post-baccalaureate and graduate students, as well as post-doctoral fellows are welcome. No prior involvement is necessary. Bring your ideas, your questions, and your appetite!

OTHER HAPPENINGS

2ND ANNUAL "PSYCHOPHYS IS" 90-SECOND VIDEO COMPETITION

Submission Deadline: October 1, 2025

Can you explain psychophysiology in 90 seconds or less? Enter the Psychophys Is competition and show how your work connects with the world beyond the lab. Open to all—members and non-members alike—entries can be individual or team-based.
Cash prizes will be awarded at the Annual Meeting, and videos will be featured on the SPR website and social media.

Check Out the 2025 Contestants HERE!

For further information, please contact Lisa Gatzke-Kopp (lmk18@psu.edu)

SPR LAB EXCHANGE

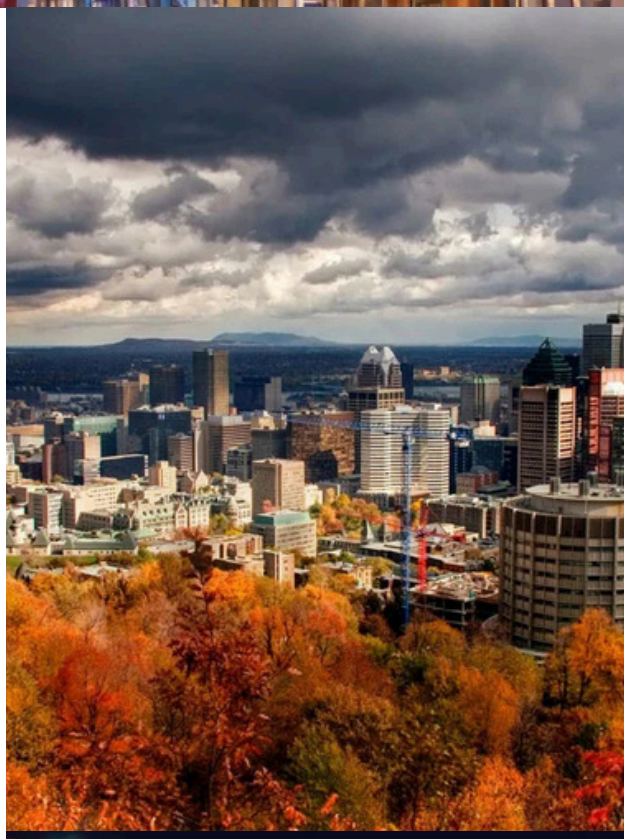
The SPR LAB EXCHANGE is a global platform for students and early career members to find host labs for internships and research stays, explore funding opportunities, and connect with peers abroad. Each lab's page includes details on its research focus, methods and skills you can learn, and local information about the city and university. The forum also supports networking by sharing resources on upcoming meetings, room sharing, and student discussions.

For PIs: If your lab welcomes exchange students or postdocs, we'd love to feature you! Simply email matthias.sperl@staff.uni-marburg.de with your lab details, and we'll create a subpage for you—no funding required. For more information, click here.

COMMITMENT TO INCLUSION

SPR is dedicated to promoting diversity, equity, and inclusion as central values of our community. SPR's Diversity and Outreach Committee works to broaden representation in our membership, expand financial resources for trainees, and reserve dedicated programming at the Annual Meeting to address diversity in science. The Women in Science and Education (WISE) Committee advances gender equity by supporting women and gender minorities in psychophysiology, amplifying their voices, and hosting annual events with invited experts on equity in academia. SPR also provides family care grants, quiet/prayer spaces, and designated breastfeeding areas at meetings to ensure accessibility and comfort for all attendees. Psychophysiology, SPR's official journal, continues to highlight the importance of representation, including a special issue on diversity in research. Members are invited to contribute feedback anonymously, collaborate through committee initiatives, and help sustain SPR's commitment to building a truly inclusive scientific community.

MONTRÉAL! WHERE TO GO AND WHAT TO DO



Old Montréal (Vieux-Montréal)

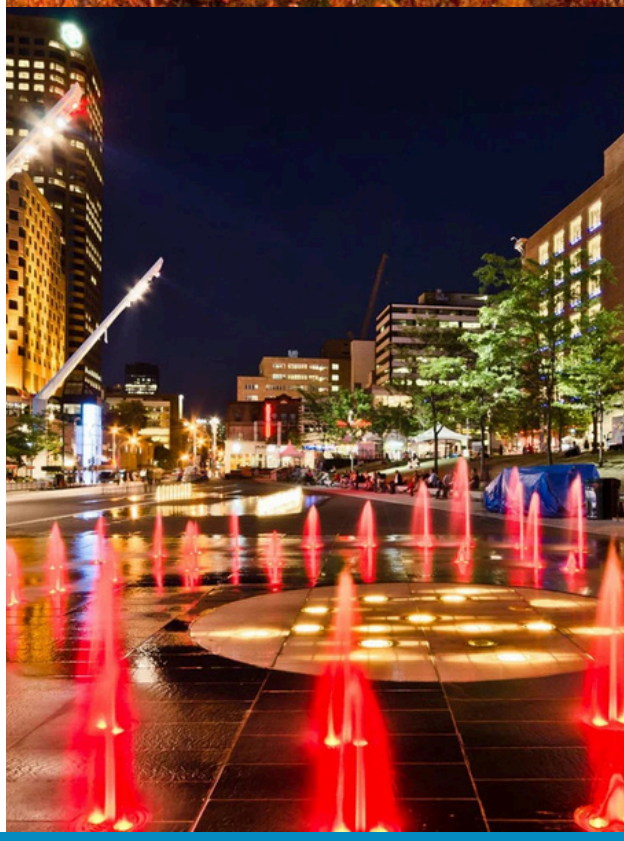
Step back in time as you wander cobblestone streets lined with centuries-old buildings, quaint shops, and lively cafés. Don't miss landmarks like the Notre-Dame Basilica and the bustling Old Port, where history meets modern charm.

Mount Royal

Climb or stroll through Mount Royal Park, the city's namesake green space designed by Frederick Law Olmsted. From the Kondiaronk Belvedere, you'll be treated to sweeping views of downtown Montréal and the St. Lawrence River.

Jean-Talon Market

Experience one of North America's largest open-air markets. Bursting with fresh produce, artisan cheeses, local maple products, and international flavors, this vibrant market captures the spirit of Montréal's food culture.



Quartier des Spectacles

The heart of Montréal's arts and entertainment scene, this district hosts year-round festivals, concerts, and light shows. Whether day or night, you'll find something lively happening here.

Streets to Visit

Explore iconic streets like **Rue Sainte-Catherine**, known for shopping and nightlife, or **Boulevard Saint-Laurent,** famous for its murals and multicultural eats. For a more relaxed vibe, head to **Rue Saint-Denis** or **Mile End**, home to cozy cafés and world-famous bagels.

2024 POSTER AWARD WINNERS

Mallory Cannon, Florida State University

ELEVATED PHYSIOLOGICAL STRESS REACTIVITY AS A BARRIER TO CANNABIS USE CHANGE

Marta Chrustowicz, Institude of Psychology Polish Academy of Sciences

PHYSIOLOGICAL MARKERS AND COGNITIVE REAPPRAISAL: INSIGHTS INTO EMOTIONAL REGULATION STRATEGIES

Megan Fok, Virginia Tech

EMOTION REGULATION CHANGES THE OBJECTIVE AND SUBJECTIVE EXPERIENCE OF NEGATIVE STIMULI IN AUTISTIC AND NON-AUTISTIC ADULTS

Sebastian Franck Love, University of California, Berkeley

EVALUATING INDIVIDUAL DIFFERENCES IN INHIBITORY CONTROL USING DRIFT DIFFUSION MODELING COMPARED TO TRADITIONAL BEHAVIORAL PERFORMANCE METRICS

Valeria Gigli, Sapienza University of Rome

DAILY SOCIAL ISOLATION, NOT HEART RATE VARIABILITY, UNVEILS UNIQUE ANHEDONIA PATTERNS: INSIGHTS FROM AN ECOLOGICAL AND COMPUTATIONAL STUDY

Lisa Masini, University of British Columbia - Okanagan

DISTINCT PATTERNS OF CARDIAC AND ELECTRODERMAL INDICATORS DURING RESTING BASELINE CHARACTERIZE INTRA-INDIVIDUAL VARIATION

Madison Politte-Corn, Penn State University

NEUROPHYSIOLOGICAL PROFILES OF ATTENTION BIAS IN THE PRESENCE OF SOCIAL THREAT AND ASSOCIATIONS WITH SOCIAL ANXIETY AND DEPRESSIVE SYMPTOMS IN ADOLESCENTS

Luke Poole, Rutgers University

SLOW RESONANCE-PACED BREATHING MODULATES INHIBITORY CONTROL IN THE CONTEXT OF SALIENT ALCOHOL CUES

Jourdan Pouliot, University of Florida

NEURAL CORRELATES OF HEART RATE DECELERATION DURING AVERSIVE GENERALIZATION CONDITIONING: A PARAMETRIC MODULATION ANALYSIS

Kaia Sargent, University of California, Los Angeles

BRAIN-BODY DYSCONNECTIVITY: DEFICIENT AUTONOMIC REGULATION OF CORTICAL FUNCTION IN FIRST-EPISODE SCHIZOPHRENIA

HOT OFF THE PRESS: NEW TO SPR

Worry Induction and the Error-Related Negativity

Jadyn Trayvick, Rachel Witt, Rachel A. Ferry, Alexander Grieshaber, Brady D. Nelson

Generalized anxiety disorder and trait worry have been associated with an enhanced error-related negativity (ERN). However, worry has been linked to cognitive avoidance that reduces negative emotional states, and it is unclear whether state worry enhances or attenuates the ERN. The present study examined the impact of state worry inductions on the ERN. The study involved separate samples of 242 participants (M_{age} = 19.89) who completed a task-irrelevant worry induction and 255 participants (M_{age} = 20.07) who completed a task-relevant worry induction. Across both samples, participants completed a flanker task while we recorded electroencephalography to measure the ERN before, during, and after the worry induction. Results indicated that both worry inductions enhanced negative affect and corrugator activity and reduced respiratory sinus arrhythmia. The task-irrelevant worry induction attenuated the ERN relative to pre-worry, but did not differ from post-worry. In contrast, the task-relevant worry induction enhanced the ERN relative to pre- and post-worry, but only in females and not males. The present study indicates that state worry impacts the ERN. Importantly, the task relevance of worry content dictated whether it attenuated or enhanced the ERN. We discuss implications for theoretical models of worry and the ERN.**Click here to read!**

Pupil Fluctuations Signal Intentional Forgetting of Natural Scenes

Huiyu Ding, Jonathon Whitlock, Lili Sahakyan

Studies have revealed that information can be intentionally forgotten when instructed, commonly studied in the laboratory with the directed forgetting (DF) procedure. The current investigation examined pupillometric signals associated with intentional forgetting, as the pupil reflects the activity in the locus coeruleus-norepinephrine (LC-NE) system that is functionally involved in the neural correlates of intentional forgetting. Experiment 1 employed an item-method DF paradigm, where participants were presented with natural scenes, each followed by a memory cue to either remember (R) or forget (F) that scene. At test, participants were asked to judge whether the presented scene was the original studied version (i.e., "Old") or a mirrored variant (i.e., "Lure"). By comparing pupil dilation during test trials between R-cued and F-cued scenes for both hit and miss trials, we found greater pupil dilation for F-cued miss trials compared to R-cued miss trials, but no difference in pupil dilation between the cue conditions for hit trials. This suggests a unique pupillometric pattern linked to successful intentional forgetting. Experiment 2 was aimed at assessing if memory strength differences could provide an explanation for the observed effect. Instead of DF cues, we manipulated memory strength by repeating a subset of scenes, thereby converting all study items into R-cued items with different degrees of familiarity. We observed no difference in pupil dilation between strongly encoded and weakly encoded scenes at test, indicating that encoding strength by itself did not explain the difference in pupil dilation resulting from intentional forgetting. Together, these findings provide novel evidence that pupil fluctuations during retrieval index successful intentional forgetting.**Click here to read!**

This newsletter was created by Jaron Tan, Ha Jeong Park, Kamryn Witkowiak, Claudia Becker, Kayla Wilson, Shannon MacDonald, Anna Finley and Elizabeth Paitel of the SPR Committee to Promote Student Interests. This newsletter is sent to current student and general members. Please forward to your students and any interested colleagues!