



Poster Session I
Wednesday, October 15, 2025
5:00pm-7:00pm

Posters Sorted by Primary Author's First Name

Poster Number	Title	Author
30	The Role of dlPFC and Cognitive Control in Implicit Emotion Regulation	Agnieszka Adamczyk
31	Neural Responses to Social Rewards Are Associated with Adolescents' Daily Affect in Response to Social Events	Alexandra Argiros
62	Involvement of Physiological Reactivity and Interoception in Emotional experience: Study in a traumatic brain injury population	Alice Bodart
86	ERPs to Facial Expressions Are Related to Perceived Valence and Arousal: A Replication and Extension	Amie Durston
71	Mental Health Labels and Emotional Perception: Effects of "Depression" Labels on Face Processing and Memory	Anastasia Erley
55	Two Components of Sensory Processing sensitivity: How Visual Saliency and Emotional Valence Influence Pupil Reactions of Highly Sensitive Persons.	Beata Pacula-Lesniak
64	Neural Indices of Attentional Biases in Types of Anxiety from Oscillatory and Erp Analyses	Benson Bush
52	Alpha Suppression Observed in a Novel Visual Search Task: No Evidence for Modulation by Load, Facial Distractor, or Rejection Sensitivity	Bradley Buchanan
12	Does the N2pc Component Reflect Attentional Demands Similarly at Different Target Eccentricities?	Brandi Lee Drisdelle
106	Self- And Co-Regulation of Physiological Activity in Mother-Child Interactions: The Role of Brooding Rumination	Brianna Lind
67	Measuring Latent Anxiety Sensitivity and Its Association with Ptsd and suicide: A Psychoneurometric Approach	Bryce Clausen
40	Song Familiarity Relies on Evidence Accumulation	Cameron Hassall
36	Investigating the Effects of Magnitude of Social Reward and Social Media Usage on Reward Positivity and Learning	Cecelia Bauer
90	Influence of sex, pain catastrophizing and gender roles on pain inhibition mechanisms.	Celina D'Ávila Felipe

1	The Influence of Age and Cognitive Load on Resting-State and Task-Related Alpha Oscillations	Chandlyr Denaro
65	Neighborhood Social Cohesion May Buffer Neural Burden of Social Anxiety on Working Memory	Charlotte Cannizzo
96	Beyond the limit: Neural Dynamics from Rest to Extreme Physical Exertion	Chiara Avancini
14	Prediction Error Effects in Response to Omitted Feedback in Event-Related Potentials in Humans	Christian Bellebaum
92	Sleepiness but neither Fluid nor Crystallized Intelligence Can Be Predicted from Resting-State EEG – Evidence from the Large Scale CoScience EEG-Personality Project	Christoph Frühlanger
93	Audiotactile Integration in a Drowsy State	Clara Alameda Jiménez
60	A brief positive-affect intervention for worry: prediction of treatment outcome using the LPP	Claudia Becker
19	Developmental Differences in Gamma-Beta Band Oscillatory Activity in Children and Adults Performing the Auditory Novelty Oddball Paradigm	Cole Campbell
63	Effort-Based Reward Processing, Peripheral Systems, and Links with Major Depression	Colin Bowyer
43	Math Anxiety is Associated with a Greater Difference in Skin Conductance between Days of Math Learning.	Cynthia Fioriti
2	Physiological Correlates of Emotion Regulation through Attentional Deployment	Daniel Rojas-Libano
35	Emotional Suppression and the Cardiovascular Conundrum: Psychophysiological Effects of Stigma in LGB Individuals	Daniele Bomarsi
28	HAPPE and MADE EEG Pipeline Comparison for the Healthy Brain and Childhood Development (HBCD) Study	Dylan Gilbreath
73	Influence of Depression and Resting Parasympathetic Activity on Evaluative Responses	Elizabeth Gaillard
103	Bringing Fear of the Dark into the Light through a Multi-Measurement Approach	Ellie Hull
26	Measurement Matters: How Measurement Impacts the Relation between Early Life Experiences and HPA Responding	Emily Dunning
56	Cardiovascular Health and Trauma in Young Women: The CHaT Study	Emily Halvorson
33	The Moderating Effects of Positive Affect on Inhibitory Control and P3 following Acute Exercise	Emmalyn Drollette
23	Resting-state EEG signatures of genetic diagnosis in neurodevelopmental conditions: Preliminary findings from the first 80 Q1K participants	Emmanuelle Coutu-Nadeau
50	The Interaction between Pain and Selective Attention is Influenced by Individual Differences in Pain Catastrophizing and Cognitive Performance	Erfan Ghalibaf
102	Cortisol Clouds the Gut Feeling in Decision-Making under Stress	Félix Duplessis-Marcotte
100	Daily Worry and Physiological Reactivity to Psychosocial Stress: An Experimental and Ecological Assessment on Stress Anticipation	Fiorella Del Popolo Cristaldi
37	The Upside of anxiety: Improved Spatial Navigation in High-Trait Anxious Individuals under Threat	Florian Bublatzky
77	Entitled to an UPDATE: Context Updating is Unrelated to Reward Anticipation at High Trait Entitlement	Gavin Heindorf
17	Synchronization of Beta and Gamma Eeg Rhythms as an Indicator of Decision-Making Effectiveness in Competitive Sports	Gayane Lalayan

59	Error Monitoring and OCD symptoms: The Impact of a Worry Induction on the Association between OCD Symptoms and ERN Amplitude.	Grace Anderson
34	What Do We share? Comparing Approaches to Physiological Synchronicity in Dyadic Interactions	Hedwig Eisenbarth
4	Frontal Beta Power Varies by Apolipoprotein-E ϵ 4 Status in Cognitively Healthy Older Adults	Henry Licht
66	Avoiding Positivity to Get Better at Avoiding Punishment	James Cavanagh
11	Emotional Arousal and Neurocircuit Priming: A Concurrent Tms-Fmri Investigation of State Dependence	Jayce Doose
78	Correlating Trait Disinhibition, Externalizing, and Stimulus-Locked Event-Related Potentials in the Go/no-Go Context	Jeffrey Helms
61	Eeg Correlates of Cognitive Load and Emotional Reactivity in a Novel Trauma Focused Intervention	Jens Bernhardsson
68	Time Course of Emotional Target Detection in High and Low Worriers	Jinu Mathew
39	Trace Conditioning Enhances Resistance to Appetitive extinction: Evidence from Self-Report and Psychophysiology	Johannes Finke
6	The relation of behavior and EEG correlates of feedback, cognitive control and cognitive effort in a preregistered large-scale multi-site ultimatum game study.	Johannes Rodrigues
10	Mechanistic Modeling of Skill Acquisition in Tai Chi Practice via Low-Dimensional, Energy-Based Dynamics of the Functional Connectome	Jonathan Cerna
74	Testing a Disgust Generalization Hypothesis of Misophonia: A Neuroimaging Study	Joshua Gertler
87	Depression Moderates the Relationship between Heart Rate Variability and Heart Rate Differentially among Men but Not Women	Julia Birenbaum
89	The Anterior Late Positive Potential Elicited during Self-Referential Processing Shows Stability over Time in Girls but Not Boys	Jun Chu
76	Left or right? Frontal and parietal alpha asymmetry in social anxiety	Kai Haerpfer
44	Social Cooperation and Competition is Reflected in Evoked and Induced Brain Responses during Dyadic Gaming	Karl-Philipp Flösch
95	Memory Under Stress: The Role of Autonomic Nervous System Reactivity in Recognition and Recall	Katherine Archer
8	Neurophysiological Adaptations to Extreme Physical stress: EEG Evidence from a 50 Km Ultra-Marathon	Katherine Boere
104	Neural Reactivity to Alcohol Cues is Modulated by Alcohol Family History	Katherine Dellett
27	Adolescent Social Media Engagement and Reward-Related Brain Activity	Kelly Gair
47	UPDATE ON THE CULTURALLY ADAPTED REMOTE-EEG PROTOCOL: ACCEPTABILITY, CONCERNS, AND RECOMMENDATIONS FROM HISPANIC/LATINE PARTICIPANTS	Kimberly Galvez-Ortega
24	Resting RSA as a Moderator of the Link between Child Temperament and Task RSA during Parent-Child Interactions	Kivilcim Degirmencioglu
21	Developmental Associations between Frontal Erp Components and Inhibitory Control in Childhood	Krongporn Chinchai
69	The effects of rumination and positive distraction on self-referential processing in subclinical depression: An ERP study	Kurumi Echigo
85	Parameter-Specific Effects of Tawns on Physiological and Neural Markers	Lisa Drost
45	Decoding Motor Control in Gilles de la Tourette Syndrome: A Psychophysiological Exploration of Beta Brain Rhythms	Lyna Hanafi
20	Early Life Motor Developmental Milestone Attainment Predicts Conflict Monitoring during Preadolescence	Madison Card

46	The Impacts of Focus of Attention in Motor performance, Muscle efficiency, fatigue, and Enjoyment on Isometric Tasks	Marcos Daou
105	When Feeling in Control Isn't Enough: Dissociating Outcome Processing and Learning under Varying Motor Fluency	Maren Giersiepen
18	Victim of circumstance: How Locus of Control and Sex Influence Cortisol Levels in Response to a Psychosocial Stressor in Children	Maryse Arcand
22	Self-Reported Childhood Trauma and Heart Rate Variability Across Common Research Sampling Sites: Implications for Meta-Analytic Work	Maxine Choi-Henslee
81	Examining Subcortical Correlates of Prediction Error during a Probabilistic Avoidance Learning Task Using 7-Tesla fMRI	Maya Barton-Zuckerman
72	Trait and State Influences on Measurement of Frontal Alpha Asymmetry in Adhd	McKenzie Figuracion
99	Autonomic Nervous System Modulation of Working Memory under Acute Stress	Ming-Hsin Cheng
9	Time-frequency theta and delta activity during the N2-P3 complex evidence unique relationships to the late positive potential (LPP).	Nadia Mattanah
32	The Cognition of Emotion: How Cognitive Control and Working Memory Underly Emotion Regulation Strategy Differences	Nathan Chabin
42	Neural Correlates of Environmental Reward Processing and It's Relation to Pro-Environmental Behavior	Nina Di Loreto
15	Emotion regulation in moral decision making: the modulatory role of heart rate variability	Ömer Erdoğan
51	Inhibition of Pain-Related Brain Activity by Working Memory and Modulation of Working Memory Processes by Pain Are Influenced by Individual Differences in Cognitive Performance and Pain Catastrophizing.	Parham Hosseinchi
80	Race Bias in the Decision to shoot: Examining the Roles of Stimulus Evaluation and Response Conflict.	Paul Brancaleone
54	Latent-State-Trait Models of Resting Frontal Asymmetry with Short Data Collection intervals: Exploratory Approach	Paulina Dupont-Christ
3	Age-Related Response Precueing Effect in a Crossmodal Speed Response Task	Pi-Chun Huang
75	Boosting Motivation: The Effects of Transcutaneous Auricular Vagus Nerve Stimulation on Reward-Based Behavior	Rachele Grimaldi
13	Social Motives and Electroencephalographic Responses to Alcoholic Images in College-Aged drinkers: The Role of Binge Drinking	Reiko Graham
91	Contextualizing the Vagal Tank Theory: Phasic Measures as Moderated Predictors	Samantha De Leon Sautu
84	Electrophysiological Insights into Sensorimotor Simulation: Facial Expressions Interfere with Somatosensory Processing	Sara Costa
79	Alterations in Aperiodic Neural Activity Associated with Major Depressive Disorder	Sarah Woronko
29	Father-Child Dynamic Individual Rsa and Rsa Coregulation: Associations with Positive Behavioral Coregulation	Savannah Girod
5	Age Moderates the Relationship between Lifetime Discrimination and RMSSD	Scott McKernan
70	Advancing Spatiotemporal Neurophenomenology: Effects of Multiple Psilocybin Treatments on Consciousness and Brain Dynamics in Obsessive-Compulsive Disorder through a Multiverse Dynamic Functional Connectivity Analysis	Sebastian Ehmann
94	The Impact of Bilingual Language Experience on Verbal and Visuospatial Working Memory	Shanna Kousaie

98	Fear-Induced Bradycardia: Transient Parasympathetic Dynamics Reflect Responses to Conditioned Fear	Simone Battaglia
7	Caught in the likes: Social Media Shapes Neural Responses to Emotional Content and Inhibitory Control	Siya Bhola
49	Physiological Arousal and Sense of Agency in the Context of Others' Pain-Related Vocalizations	Sotaro Fujisawa
101	Dynamic Heart Rate Variability Responses to Anger Induction and Recovery: The Role of Social Inhibition	Stefanie Duijndam
97	Testing the Effects of Intermittent Pneumatic Compression Boots on Heart Rate Variability	Thomas Baldwin
58	Dissociable Neural Activity Patterns Reflect Disruption of Distinct Mental Operations during Symbol Digit Modalities Test Performance in Multiple Sclerosis	Thomas Covey
16	Non-Invasive Brain Stimulation of the Ventromedial Prefrontal Cortex Improves Behavioral Inhibition by Enhancing the Processing Depth and Anticipation of Outcomes in a Gambling Task	Thomas Kroker
88	Males, ACEs, and Infant Faces, Oh My: A P300 Event-Related Potential Study	Tiffany Bonnagio
57	Savor the new? a single session of savoring does not enhance LPP to pleasant images beyond passive viewing	Valentina Mologni
82	Investigating Cross-Modal Temporal Dynamics and Semantic Incongruity in Multisensory Integration: An Erp Study	Xiaoxiao Chen
25	Greater neighborhood connectedness and attachment coincides with reduced neural response to social inclusion	Xinyi Deng
41	Failure-Triggered Cardiac Responses: First Evidence for the Combined Effect of Task Identity-Relevance and Individuals' Mindset	Yann S. Bouzidi
83	The Effects of Cardiac Phase and Stimulus Intensity on Facial Emotion Recognition	Yifan Chen
48	Stroke Volume Estimation Comparing the Sramek-Bernstein Method and the Kubicek Method	Yiyang Gao
38	Gradual Reduction of the Intensity of Unconditional Stimulus Attenuates the Reinstatement of Fear: A Multimethod Study of Human Fear Conditioning	Yuhan Cheng
53	Impact of Social Anxiety across Social Contexts and Congruency	Ze Lin Chen