

ASPIRE Symposium 2023 Program



Keynote (5:30pm)

Dr. Seth Frey

Imagining the fourth dimension and much, much higher

Oral Presentations (6:00-6:30pm)

Jake Blumwald

Title: Abstract Spaces in the Brain: Identifying a Grid-Code for Value-Based Decision-Making

Co-authors: Erie Boorman & Mark Orloff

Shyam Agarwal

Title:

Co-authors:

Poster Session (6:30-7:30pm)

1. Abrar Sadiqueen

Title: Relationship between tract-specific white matter hyperintensities and functional connectivity in aging subjects
Co-authors: Dr. Audrey Fan, Jessica Korte (grad student), Quimby Lee (grad student)

2. Amanda Li

Title: A Computational Analysis of Public Opinion Following a Celebrity Publicity Stunt
Co-authors: Seth Frey

3. Annabel Marshall

Title:
Co-authors:

4. Arshi Tanwar

Title: Temporal Binding in relation to Trace Fear Conditioning and Aging
Co-authors: Brian Wiltgen

5. Brian Li

Title: Investigating Energy Efficiency in Biological Neurons and Artificial Neural Networks
Co-authors: Rishi Chaudhuri

6. Chelsea Nnajofofor

Title: Investigating the role of expertise in the categorical cuing search effect
Co-authors: Brett Bahle

7. Hannah Hanif

Title: 3D Kinetic Pinch Block: Novel Instrumentation to Investigate Bimanual Motor Control and Fatigue
Co-authors: Dr. Carolynn Patten & Theresa E. McGuirk

8. Jenna Dohner

Title: Gaining Greater Insight Into the Amygdala Through Cell Types
Co-authors: Andrew Fox

9. Julissa Diaz Garcia

Title: Directive Language in Monolingual and Bilingual Caregivers
Co-authors: Kathrine Graf-Estes

10. Karen Ly

Title: Pre-activation of Semantic Features During Language Comprehension
Co-authors: Tamara Swaab

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11. Katie Schwenker

Title: Making Math Fun: Developing Cognitive Strategies and Math-Positivity Through Gameplay
Co-authors: Yuko Munakata & Allison Zengilwoski

12. Kriti Iyer

Title: Understanding Neural Correlates of Joint Attention in Infants
Co-authors: Lindsay Bowman

13. Maitri Khanna

Title:
Co-authors:

14. Nicole James

Title: Social Media Effects on Adolescent Self-Esteem
Co-authors: Drew Cingel

15. Niki Hosseinzadeh Khaligh

Title: Hidden strengths in childhood: An asset-based perspective on measures of inhibitory control
Co-authors: Yuko Munakata, Allison Zengilowski & Diego Placido

16. Noshin Akhtar

Title: Developing a Biomarker Signature to Predict Long-term Motor Outcome Following Stroke
Co-authors: Carolyn Patten

17. Renee Rosiles

Title: Contextual cues modulate the development of opiate tolerance

Co-authors: Brian Wiltgen

18. Sai Katta

Title: Neuronal Mechanisms of Feature-Based Attention A Pupillometric Study (Tentative)
Co-authors: Sreenivasan Meyyappan

19. Sophia Chen

Title: Can Single Channel Event-Related Potential Measures Reliably Detect Alzheimer's Disease? (Tentative)
Co-authors: John Olichney

20. Valerie Klein

Title: Collaborative Tasks & Intersubject Correlation: A Naturalistic Hyperscanning Paradigm Using AR Tangram & Muse EEG
Co-authors: Richard Huskey

21. Wenlan Pan

Title: The Association Between Openness and Compassion in Consensually Non-monogamous Romantic Relationships
Co-authors: Rose Bern & Paul Eastwick

22. Yasmine Lewis

Title: The Effects of Pair-Bonding on Territorial Aggression in Female California Mice
Co-authors: Jace Kuske & Brian Trainor

23. Yilin Sun

Title: Infant Looking Behaviors Towards Familiar and Unfamiliar Animal Types
Co-authors: Shannon Koltz & Lisa Oakes