



FETAL ALCOHOL SPECTRUM DISORDERS STUDY GROUP

June 21, 2025
New Orleans, LA

***Poly-Substance Exposure: Identifying and Characterizing
Effects Relevant to FASD***

Scott E. Parnell, Ph.D., *President*; R. Colin Carter, M.D., *Vice-President*;
Johann K. Eberhart, Ph.D., *Treasurer*; Julia Stephen Ph.D., *Secretary*

- 7:15-8:00 **Registration and Coffee**
- 8:00-8:10 **Welcome, Scott Parnell, Ph.D.**, President of FASDSG
- 8:10-9:10 **Keynote Presentation 1: *How do we measure prenatal exposure to alcohol, and why does it matter?*** Christina Chambers, Ph.D., M.P.H., Distinguished Professor, Department of Pediatrics, UC San Diego
- 9:10-9:50 **FASt Data Presentation Session I** (a series of 5-minute, two-slide presentations on late-breaking results in the field)
- Elevated ROS Underlies Differential Sensitivity in nnt Mutants.* **Rayna Mazumdar, B.S.**, University of Texas (**Travel Awardee**)
- Bridging the Gap: Advancing Community-Based Participatory Research in the Fetal Alcohol Spectrum Disorders Field.* **Emily Speybroeck, B.A.**, University of Rochester (**Travel Awardee**)
- Prenatal Alcohol Exposure Interaction with Morphine Prolongs Allodynia, Potentially Driven by Dysregulation of Spinal circRIMS1 and miR-433-3p, Modulating the TLR4-NLRP3 Signaling Pathway.* **Andrea Pasmay, B.S.**, University of New Mexico (**Travel Awardee**)
- Brain Structural Differences (DTI) and Their Relationship to Functional Activity (MEG) in Children with and Without Fetal Alcohol Spectrum Disorder (FASD).* **Zinia Pervin, M.S.**, University of New Mexico
- Transcriptomic Comparison of Two Mouse Strains Differentially Susceptible to Alcohol Exhibit Significant Differences in Cilia and Planar Cell Polarity Genes.* **Ruby Lapham**, University of North Carolina (**Travel Awardee**)
- 9:50-10:10 **Timothy A. Cudd Award: Madeline Rockhold, M.A.**, University of Rochester. *Profiles of Polysubstance Exposure in Youth with Fetal Alcohol Spectrum Disorders and the Association with Cognitive and Emotional Functioning.*
- 10:10-10:25 **Coffee Break**
- 10:25-10:50 **Kenneth R. Warren Merit Award: Siara Rouzer, Ph.D.**, Texas A&M University. *Prenatal Alcohol and Cannabinoid Co-Exposures Disrupt Corticostriatal Transcriptomic Signatures of Alcohol Use in Adult Offspring.*

- 10:50-11:50 Special Update: *Dose and Pattern of Prenatal Alcohol Exposure Associated with Adverse Effects on Cognitive Function*: **Joseph Jacobson, Ph.D.**, Wayne State University
- 11:50-12:00 **Business Meeting and New Officer Announcement**
- 12:00-1:30 **Lunch & Poster Session (Exhibit Hall)** (pre-purchased ticket required)
- 1:30-1:50 **Federal and Community Agency Updates**
- **Bill Dunty, Ph.D.**, National Institute on Alcohol Abuse & Alcoholism
 - **Tatiana Balachova, Ph.D.**, Interagency Coordinating Committee on FASD
 - **Tom Donaldson**, FASD United
- 1:50:2:50 **Keynote Presentation 2: *Molecular mixology: A mechanism-based approach to identifying FASD co-factors***. **Robert Lipinski, Ph.D.**, Professor, Department of Comparative Medicine, University of Wisconsin-Madison
- 2:50-3:05 **Coffee Break**
- 3:05-3:35 **FASt Data Presentation Session II**
- Prenatal CBD Disrupts Fetal Development: Implications for Fetal Alcohol Spectrum Disorders*. **Ilse Fleischer, M.A.**, San Diego State University (**Travel Awardee**)
- Impact of Prenatal Alcohol Exposure on the Gut Microbiome: Insights from Animal Models and Human Studies*. **Garrett Ainsworth-Cruickshank, M.S.**, University of Calgary (**Travel Awardee**)
- Early Alcohol Exposure Alters Mitochondrial Respiratory Chain Activity in Developing Cerebral Arteries*. **Shiwani Thapa, B.S.**, University of Tennessee (**Travel Awardee**)
- The Impact of PAE and Environmental Deprivation on Auditory Processing in Early Childhood*. **Maryam Alsameen, Ph.D.**, University of Maryland (**Travel Awardee**)
- Ethanol RA Interaction Worsens Branchial Motor Neuron Defects*. **Zoe Norton, B.S.**, University of Texas
- 3:35-3:45 **Introduction of Henry L. Rosett Award Winner**
- 3:45-4:30 **Henry L. Rosett Award Talk**
- 4:30 **Closing**

We ask that all Awardees please stay after the closing for pictures with the officers.