



FETAL ALCOHOL SPECTRUM DISORDERS STUDY GROUP

June 25, 2022

Orlando, FL

Enhancing the Relevance of Research for the Community

Christie Petrenko, Ph.D., *President*; Kristin Hamre, Ph.D., *Vice-President*;
Jonathan Brigman, Ph.D., *Treasurer*; Scott Parnell, Ph.D., *Secretary*

- 7:15-8:00 **Registration and Coffee**
- 8:00-8:05 Welcome, **Christie Petrenko, Ph.D.**, President of FASDSG
- 8:05-8:35 **Nothing About Us Without Us Panel**
Moderator: Christie Petrenko, Ph.D.
Panelists: Myles Himmelreich; Katrina Griffin; Jaqueline Pei, Ph.D; Amanda Manhke, Ph.D.
- 8:35-9:30 **Keynote Presentation 1: Leveraging Implementation Science to Increase Access to Evidence-Based Interventions in Community Settings**
Jill Locke, Ph.D., Associate Professor of Psychiatry & Behavioral Sciences, and Co-Director of the School Mental Health Assessment, Research, & Training (SMART) Center, University of Washington
- 9:30-9:45 **Announcements, Introduction of New Officer**
- 9:45-10:05 **Coffee & Snack Break**
- 10:05-10:30 **FASt Data Presentation Session I** (a series of 5-minute, two-slide presentations on late-breaking results in the field)
Effects of developmental ethanol exposure on cerebellar and cortical microglia in a mouse model of fetal alcohol spectrum disorders. MaKenna Cealie, M.S., University of Rochester School of Medicine and Dentistry. **(Travel Awardee)**
Polysubstance exposure to ethanol and cannabinoids induces synergistic effects on mouse embryonic neural stem cell growth. Rosaline Kumar, Ph.D., Texas A&M College of Medicine. **(Travel Awardee)**
The effects of moderate prenatal alcohol exposure on interactions between non-social anxiety and ethanol intake across age groups. Sarah Winchester, B.A., Binghamton University. **(Travel Awardee)**
Choline supplementation alters neuroimmune markers in the hippocampus in animals exposed to early postnatal alcohol. Jessica Baker, Ph.D., San Diego State University. **(Travel Awardee)**
- 10:30-10:50 **Timothy A. Cudd Award: Carson Kautz-Turnbull, M.A.**, Mt. Hope Family Center, University of Rochester. *The relationship of parent emotion socialization and behavior and emotion regulation in children with FASD.* **(Travel Awardee)**
- 10:50-11:25 **Federal Agency Updates**
 - **William Dunty, Ph.D.**, National Institute on Alcohol Abuse & Alcoholism

- **Tatiana Balachova, Ph.D.**, Interagency Coordinating Committee on FASD
- **Clark Denny, Ph.D.**, Centers for Disease Control and Prevention

11:25-11:40 **Business Meeting**

11:55-1:25 **Lunch (pre-purchased ticket required): Maggiano's Little Italy**, 9101 International Dr., Suite 2400, Orlando, FL 32819

1:35-2:30 **Keynote Presentation 2: *Cross-Species Domain Task Specificity: Relevations from where Pre-Meets Clinical.***

Jared W. Young, Ph.D., Professor of Psychiatry, University of California, San Diego and Co-Director Neuropsychopharmacology Unit, MIRECC Research Service, VA San Diego Healthcare System.

2:30-2:55 **FASt Data Presentation Session II**

Disproportionately smaller frontal lobe, corpus callosum, and cerebellum in middle-aged adults with fetal alcohol spectrum disorders. **Lindsey Aguilar, M.A.**, San Diego State University. (Travel Awardee)

Delayed cortical thinning in children and adolescents with prenatal alcohol exposure. **Blake Gimbel, Ph.D.**, University of Minnesota. (Travel Awardee)

Developmental, sensory, and behavioral outcomes among infants and toddlers with prenatal alcohol exposure. **Misty Pruner, Ph.D.**, Seattle Children's Research Institute. (Travel Awardee)

An assessment of the relationship between childhood traumatic events and child behavioral outcomes for children with FASD. **Madeline Rockhold, B.A.**, Mt. Hope Family Center, University of Rochester. (Travel Awardee)

2:55-3:15 **Coffee & Snack Break**

3:15-3:35 **Timothy A. Cudd Award: Riley Figueroa, Ph.D.**, Texas A&M College of Medicine, *Simultaneous prenatal alcohol and cannabinoid exposure during the second-trimester-equivalent in mice leads to sex-specific behavioral impairments in adult offspring.* (Travel Awardee)

3:35-4:15 *Toward Healthy Outcomes for Individuals with FASD: An Intervention Roadmap.* **Jacqueline Pei, Ph.D.** University of Alberta

4:15-4:40 **FASt Data Presentation Session III**

Sex-specific impact of prenatal alcohol exposure in lines of genetically modified mice. **Karen Boschen, Ph.D.**, University of North Carolina at Chapel Hill.

Gestational alcohol exposure reduces maternal hepatic glucose and amino acid content and prevents maternal adaptation to insulin resistance in a mouse model of FASD. **Nipun Saini, Ph.D.**, University of North Carolina at Chapel Hill.

Impact of prenatal alcohol exposure on developing white matter in the first 6 years from a South African birth cohort. **Kirsten Donald, MBChB, Ph.D.**, Red Cross War Memorial Children's Hospital, University of Cape Town.

Choline metabolism gene polymorphisms predict severity of fetal alcohol-related memory deficits in two South African birth cohorts. **R. Colin Carter, MD, MMSc**, Columbia University College of Physicians and Surgeons.

4:40-4:50 **Closing**

Afterward: **Photo Session for Trainee and Cudd awardees**