



FETAL ALCOHOL SPECTRUM DISORDERS STUDY GROUP

June 15 & 16, 2021

2pm – 6pm EDT

Virtual Meeting

Role of Parental Experiences in Offspring Outcomes

Sandra Mooney, Ph.D., *President*; Christie Petrenko, Ph.D., *Vice President*;
Kristin Hamre, Ph.D., *Treasurer*; Jonathan Brigman, Ph.D., *Secretary*

All times are approximate at this time and may change

Day 1 Tuesday June 15

- 2:00 – 2:05 Welcome, **Sandra Mooney, Ph.D.**, President of the FASDSG
- 2:05 – 2:15 *FASD Strong: A Short Film*
- 2:15 – 2:40 **FASt Data Presentation Session I** (a series of 5-minute, two-slide presentations on late-breaking results in the field)
- Talk 1 – Choline Supplementation Alters the Transcriptome of the E17.5 Alcohol-Exposed Fetal Mouse Brain to Reflect Improved Neuro Generation and Maturation. **Olivia Rivera, Ph.D.** Nutrition Research Institute, University of North Carolina at Chapel Hill (Trainee Award)*
- Talk 2 – Reversal of Prenatal Alcohol-Induced Deficits in Long-Term Potentiation by the Histamine H3 Receptor Inverse Agonist SAR153954. **Monica Goncalves-Garcia, B.A.** Department of Psychology, University of New Mexico (Trainee Award)*
- Talk 3 – In a Preclinical Model of Prenatal Alcohol Exposure, Iron Supplementation Increases Brain Weight and Postnatal Growth in Males, but not in Females. **Kaylee Helfrich, B.A.** Nutrition Research Institute, University of North Carolina at Chapel Hill (Trainee Award)*
- Talk 4 – Alcohol Exposure During the Brain Growth Spurt Delays Myelination of the Corpus Callosum in Adolescent Rats: A Multimodal Longitudinal Study. **Katrina Milbocker, M.S.** Department of Psychological & Brain Sciences, University of Delaware (Trainee Award)*
- Talk 5 – Mindset Theory and Adolescents with FASD: An Intervention Study. **Aamena Kapasi, Ph.D.** Department of Educational Psychology, University of Alberta*
- 2:40 – 2:50 **FASt Data 1 Q&A**
- 2:55 – 3:40 **Keynote Presentation 1: What Dads Do Is Important Too: Preconception Paternal Drug Exposure Impacts Neurobehavioral Development: Rat Model Studies. **Edward Levin, Ph.D.**, Professor in Psychiatry and Behavioral Sciences, the Environmental Sciences and Policy Division, and Psychology and Neuroscience, Associate Professor of Pharmacology & Cancer Biology, Duke University**
- 3:40 – 3:55 **Keynote 1 Q&A**
- 4:00 – 4:20 Report from the International Consensus Committee for a Single Research Classification System for FASD **Michael Charness, M.D. and William Dunty, Ph.D.**
- 4:20 – 4:35 **Kenneth Warren Merit Award: Alcohol Exposure During Mouse Pregnancy Downregulates Placental mTOR Signaling in a Fetal Sex-Dependent Manner, **Sze Ting (Cecilia) Kwan, Ph.D., R.D.**, Nutrition Research Institute, University of North Carolina at Chapel Hill**

- 4:35 – 4:45 **Merit Award Q&A**
- 4:45 – 5:00 **Business Meeting**
- 5:00-6:00+ Posters

Day 2 Wednesday June 16

- 2:00 – 2:20 **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
- 2:20 – 2:40 **Timothy A. Cudd Award: A Machine Learning Approach to Identifying the Speech of Children with FASD.**
Zvi Shapiro, Ph.D. Department of Psychiatry, Emory University School of Medicine
- 2:40 – 3:25 **Keynote Presentation 2: Women's Mental Health Matters: For Women, and the Next Generation.**
Catherine Monk, Ph.D., Professor, Departments of Obstetrics & Gynecology and Psychiatry, Columbia University Irving Medical Center
- 3:25 – 3:40 **Keynote 1 Q&A**
- 3:45 – 4:15 **Rosett Award**
- 4:15 – 4:40 **FASt Data Presentation Session II** (a series of 5-minute, two-slide presentations on late-breaking results in the field)
- Talk 6 – Visual Response Impairment as Measured with Magnetoencephalography (MEG) Demonstrates Visual Dysfunction in Young Children with an FASD.* **Zinia Pervin, M.S.** Department of Biomedical Engineering, University of New Mexico (**Trainee Award**)
- Talk 7 – Understanding the Molecular and Circuit Level Effects of PAE on Behavioral Flexibility.* **Jayapriya Chandrasekaran, MBBS.** Department of Neurosciences, University of New Mexico (**Trainee Award**)
- Talk 8 – Moderate Prenatal Alcohol Exposure Alters CRFR1-Regulated GABA Release and Anxiety-Like Behavior in a Sex-Dependent Manner in Adolescent Rats.* **Siara Rouzer, M.Sc.** Department of Psychology/Behavioral Neuroscience, Binghamton University (**Trainee Award**)
- Talk 9 – Moderate Prenatal Alcohol Exposure on Gestational Day 12 Produces Sex-Specific Social Impairments and Alters Physiology of the Prelimbic Cortex.* **Kathryn Przybysz, M.S.** Department of Psychology / Behavioral Neuroscience, Binghamton University (**Trainee Award**)
- Talk 10 – Minor Anomalies of the Face in Fetal Alcohol Spectrum Disorders.* **Lauren Gillespie, B.S.** Creighton University School of Medicine
- 4:40 – 4:50 **FASt Data 2 Q&A**
- 4:50 – 5:10 *Adults with FASD: Heath and Mental Health in Middle Age.* **Claire Coles and Joanne Weinberg**
- 5:10 – 5:30 Adults with FASD Q&A
- 2:00 – 6:00 Posters available for viewing and chat all day