

FETAL ALCOHOL SPECTRUM DISORDERS STUDY GROUP
PRELIMINARY PROGRAM
June 28, 2008
Washington DC

Jennifer Thomas, President; Feng Zhou, Vice President; Cynthia Kane, Secretary/Treasurer
Heather Carmichael Olson, Past President

7:30-8:00 Registration and Continental Breakfast.

8:00-8:15 Welcome, Jennifer Thomas, President of FASDSG

Factors that Influence Brain and Behavioral Development: Implications for Prevention and Intervention

8:15-9:10 "Nutrition and the Brain: How Nutritional Factors May Increase Risk or Protect Against Fetal Alcohol Spectrum Disorders"

Carl Keen, Ph.D.

Professor, Dept. of Nutrition

University of California, Davis

9:10-10:00 "Risk, Resilience, and Gene x Environment Interactions in Primates"

Steve Suomi, Ph.D.

Senior Investigator, Laboratory of Comparative Ethology

National Institute of Child Health and Human Development

10:00-10:20 Discussant: Michael Charness, M.D.

10:20-10:40 Announcements: nominations & voting; coffee break

10:40-11:35 FAST Data Session I. *Prevention, Risk and Treatment*

Alexandra Regentova:

"Analysis of women's perception of different ways of informatory material aimed at prophylaxis of FASN by using method of focus groups"

Vivian Kulaga:

"Hair analysis of fatty acid ethyl esters (FAEE) in the detection of excessive drinking in pregnancy and parents: An at-risk cohort for FASD"

Echo Rufer

"A moderate maternal iron inadequacy worsens neurobehavioral outcomes in a rat model of FASD"

Chris Downing

"QTL mapping for ethanol teratogenesis in BXD recombinant inbred mice"

Kristen Wellman

"JR-220, A novel compound, reduces spatial memory deficits in juvenile rat pups following "3rd trimester" ethanol exposure"

Nirelia Idrus

“Administration of memantine during ethanol withdrawal attenuates ethanol-induced Purkinje cell loss in the developing cerebellum”

Jennifer Wagner

“Complex motor learning ameliorates deficits in eyeblink classical conditioning in a rat model of binge alcohol exposure during the third trimester equivalent”

Mary O’Connor

“Hostile attributions, conduct disorder, and the impact of a social skills intervention on social processing in children with prenatal exposure to alcohol”

11:35-12:00 Business Meeting

12:00-1:20 Lunch

1:20-2:00 Agency Updates

Sally M. Anderson, PhD, Interagency Coordinating Committee on FAS

Louise Floyd, Ph.D., Centers for Disease Control and Prevention

Callie Gass, SAMHSA FASD Center for Excellence

Kenneth R. Warren, PhD, National Institute on Alcohol Abuse & Alcoholism

2:00-2:30 FASt Data Session II. *Mechanisms & Consequences Part I*

Sathyam Pratheesh

“Ethanol sensitive MicroRNA, miR-335 controls neural fate specification”

Michael Puglia

“Effects of third trimester EtOH exposure on hippocampal Ca²⁺ permeable AMPA receptor expression”

Amber Eade

“Fetal ethanol-induced olfactory plasticity: The effect of adolescent ethanol re-exposure on the olfactory response to ethanol odor”

Tiffany Polanco

“Alcohol exposure in uterus lead to enhanced vulnerability to mammary tumorigenesis in rat offspring”

2:30-2:50 2008 FASDSG Student Merit Award: Jayanth Ramadoss

“Acid Sensitive Channel Inhibition Prevents Fetal Alcohol Spectrum Disorders Cerebellar Purkinje Cell Loss”

2:50-3:30 FASt Data Session III. *Consequences Part II*

Alanna Mihic

“A comparison of saccadic eye movements between children with Fetal Alcohol Spectrum Disorders and children with Attention Deficit/Hyperactivity Disorder”

ChristieMcGee

“Social information processing skills in children with histories of heavy prenatal alcohol exposure”

Sara Stevens

“Investigating the orbitofrontal cortex and socioemotional functioning in FASD”

Shonagh O’Leary-Moore

“Diffusion tensor imaging reveals fiber tract abnormalities in alcohol-exposed fetal mouse brains”

Jeff Wozniak

“Unpublished diffusion tensor imaging findings in FASD: Replication and new results”

Neil Dodge

“New fMRI and psychometric findings reveal a dissociation in the ability to engage the semantic network for numbers and letters in FASD”

3:30-3:50

Coffee break

3:50-4:35

“From Research to Real Life: One Family's Story”

Kathy Mitchell

Vice President and National Spokesperson for the National Organization on Fetal Alcohol Syndrome (NOFAS)

4:35-4:40

Introduction of 2008 Rosett Award Winner: Dan Savage

4:40-4:55

Rosett Award Winner: Laurie Foudin, Ph.D.

4:55-5:00

Adjourn and thank yous.