

- 8:00-8:25 Check-in: Human Development Center, 1st floor. Coffee available.
8:25-8:30 Welcome Remarks: Nicholas W. Gilpin, Ph.D., ADACE Associate Director

Morning Scientific Session

- Moderator: Marcus Weera, Ph.D., T32 Postdoctoral Fellow, Physiology, LSUHSC
- 8:30-9:30 *Neuronal Diversity and Co-transmission*
Marisela Morales, M.S., Ph.D., Director, Core Facilities; Branch Chief, Integrative Neuroscience Branch; Section Chief; Neuronal Networks Section, NIH/NIDA
- 9:30-9:45 Coffee Break
- 9:45-10:10 *Cardiovascular Features of Chronic Nicotine Inhalation in Mice*
Eric Lazartigues, Ph.D., Professor of Pharmacology, LSUHSC
- 10:10-10:35 *Pain Modulation Neural Circuits in Chronic Morphine or Alcohol Exposed Rats*
Jason Middleton, Ph.D., Assistant Professor of Cell Biology & Anatomy, LSUHSC
- 10:35-11:00 *Neuronal Mechanisms Controlling Fear Scalability*
Jonathan Fadok, Ph.D., Assistant Professor of Psychology, Tulane University

Working Lunch (provided for registered participants) - Chancellor's Reception Room (335)

- 11:00-12:00 *NIH Funding, Initiatives, and Resources*
Changhai Cui, Ph.D., Program Director, Division of Neuroscience and Behavior, NIH/NIAAA

Afternoon Scientific Session

- Moderator: Jessica Cucinello, Ph.D. candidate, Physiology, LSUHSC
- 12:15-1:15 *Alcohol and Lipid Traffic Don't Mix*
Carol Casey, Ph.D., Professor of Medicine and Biochemistry, University of Nebraska Medical Center; Research Career Scientist, Omaha VAMC

ADACE Pilot Progress Report

- 1:15-1:45 *Opioid and Cannabinoid Interactions on the Repeated Acquisition and Performance of Response Sequences*
Peter Winsauer, Ph.D., Professor of Pharmacology, LSUHSC
- 1:45-2:00 Coffee Break

Trainee Talks

- 2:00-2:15 *Adolescent Alcohol Exposure in Female Mice Disrupts Group 1 mGluR-LTD in the BNST*
Chelsea Kasten, Ph.D., Postdoctoral Fellow, Cell Biology and Anatomy, LSUHSC
- 2:15-2:30 *Low Abuse Liability Endomorphin Analog Expedites Recovery from Chronic Pain*
Amy Feehan, Ph.D. candidate, Neuroscience, Tulane University School of Medicine
- 2:30-2:45 *Alcohol Associated Intestinal Microbial Products Activate Peripheral Blood Mononuclear Cell Immune Activation and Decrease Intestinal Transepithelial Electrical Resistance*
Derrick Samuelson, Ph.D., Postdoctoral Researcher, Pulmonary/Critical Care, LSUHSC
- 2:45-3:00 *Fecal Biomarkers of Gut Leak for Use in Human Subjects with Alcohol Use Disorder*
Vincent Maffei, M.D./Ph.D. candidate, Microbiology, Immunology, and Parasitology, LSUHSC
- 3:00-3:15 *In Utero Alcohol Exposure Alters the Collagen Profile in Neonatal Hearts and Leads to Cardiac Dysfunction*
Van Ninh, Ph.D. candidate, Physiology, LSUHSC

Business Meeting

- 3:15-3:30 Concluding Remarks: Patricia Molina, M.D., Ph.D., ADACE Director