

- 8:10–8:25 Check-in: Human Development Center, 1st floor. Coffee available.
8:25–8:30 Welcome Remarks: Nicholas Gilpin, PhD, ADACE Associate Director

Morning Scientific Session

- Moderators:** Chelsea Kasten, PhD, T32 postdoctoral fellow, Cell Biology & Anatomy, LSUHSC
Jonquil Poret, T32 predoctoral fellow, Physiology, LSUHSC
- 8:30–9:30 **Keynote address:** *Alcohol Actions in the Basal Ganglia*
David Lovinger, PhD, Chief, Laboratory for Integrative Neuroscience, NIH/NIAAA
- 9:30–10:00 ADACE pilot project report: *Cannabinoid-Opioid Interaction Modulates Midbrain Neural Circuits and Morphine Withdrawal-Induced Hyperalgesia*
Jason Middleton, PhD, Assistant Professor of Cell Biology & Anatomy and Neuroscience, LSUHSC
- 10:00–10:10 Coffee Break
- 10:10–11:10 **Keynote address:** *Aldehydes from Smoking and Drinking Alter Anti-Microbial Lung Defense*
Todd Wyatt, PhD, Professor of Environmental, Agricultural & Occupational Health and Internal Medicine, University of Nebraska Medical Center
- 11:10–11:40 *Alcohol and T Cell Senescence*
Robert Siggins II, PhD, Assistant Professor of Physiology, LSUHSC
- 11:50–12:50 **Lunch & Panel Discussion: Alcohol and Drug Abuse Treatment for PLWH: Clinicians' Perspectives – Chancellor's Reception Room (335)**
- Moderators:** Christian Montanari, PhD, postdoctoral fellow, Physiology, LSUHSC
Mariza Francis, undergraduate trainee, Neuroscience, Tulane University
- Panelists:** Phillip Griffin, PhD, Professor and Chief of Psychology, LSUHSC
Mitchell Handrich, FNP, Nurse Practitioner, HIV Outpatient Program Clinic, UMCNO
Lauren Richey, MD, MPH, Infectious Disease Specialist, HIV Outpatient Program Clinic, UMCNO
John Wells, MD, Associate Professor of Clinical Psychiatry, LSUHSC

Afternoon Scientific Session

- Moderators:** Christopher Knowlton, PhD, postdoctoral fellow, Cell Biology & Anatomy, LSUHSC
Taylor Templeton, PhD candidate, Physiology, LSUHSC
- 1:00–2:00 **Keynote address:** *Endocannabinoid Signaling and Cocaine Actions in Rodent Models*
Cecilia Hillard, PhD, Associate Dean for Research; Professor of Pharmacology & Toxicology; and Director, Neuroscience Research Center, Medical College of Wisconsin
- 2:00–2:10 Coffee Break

Trainee Talks

- 2:10–2:25 *Alcohol-Associated Intestinal Microbiota Shifts Mucosa-Associated Invariant T Cell Profile in Mice*
Min Gu, PhD, postdoctoral fellow, Pulmonary/Critical Care Medicine, LSUHSC
- 2:25–2:40 *Adolescent Ethanol Produces Withdrawal-Induced Anxiety and Alters Excitatory Transmission in the BNST*
Eleanor Holmgren, T32 predoctoral fellow, Cell Biology & Anatomy, LSUHSC
- 2:40–2:55 *Sexually Dimorphic Locomotor Responses to Dopaminergic Modulation in Drosophila*
Meghan Hibicke, PhD, Pharmacology & Experimental Therapeutics, LSUHSC
- 2:55–3:10 *Alcohol-Induced Increases in Class IIa Histone Deacetylases Impair Muscle Stem Cell Differentiation*
Katherine Adler, MS, graduate student, Physiology, LSUHSC
- 3:10–3:30 Concluding Remarks: Patricia Molina, MD, PhD, ADACE Director