

8:30-8:55 Check-in: Lions Bldg., 6<sup>th</sup> Floor. Coffee available.

8:55-9:00 Welcome Remarks: Patricia Molina, M.D., Ph.D., ADACE Director

Moderator: Rod Paulsen, Graduate Student, LSUHSC

**Scientific keynote address #1:**

9:00-10:00 *From optogenetics to a novel treatment against cocaine abuse*  
Antonello Bonci, M.D., NIDA Scientific Director

10:00-10:15 Coffee Break/Transition

**New avenues for drug & alcohol abuse research in & around LSUHSC:**

10:15-10:40 *Functional neuroimaging of the brain in obesity*  
Owen Carmichael, Ph.D., Associate Professor, PBRC

10:40-11:05 *A novel chronic intermittent rat exposure model to evaluate vaping effects on oral health*  
Mairi Noverr, Ph.D., Associate Professor, LSUHSC

11:05-12:15 Networking Lunch (Provided for registered participants)

Moderator: Karina Villalba, Ph.D., T32 post-doctoral fellow, LSUHSC

**Scientific keynote address #2:**

12:15-1:15 *The gut-liver-brain axis: seeking to identify novel targets for alcoholism treatment*  
Lorenzo Leggio, M.D., Ph.D., M.Sc., CPN Section Chief, NIAAA/NIDA

1:15-1:25 Coffee Break/Transition

**New data from HIV-Alcohol projects in the LSUHSC Alcohol Center (CARC):**

1:25-1:50 *Synaptic dysfunction in the basal ganglia with HIV and alcohol*  
Jason Middleton, Ph.D., Assistant Professor, LSUHSC

1:50-2:15 *Progress of CARC/ALIVE Translational Data Collection*  
Tekeda Ferguson, M.P.H., M.S.P.H., C.H.E.S., Ph.D., Assistant Professor, LSUHSC

**LSUHSC trainee talks:**

2:15-2:30 *Dysregulation of hippocampal JNK signaling in alcohol dependence*  
Amanda Pahng, Ph.D., T32 post-doctoral fellow, LSUHSC

2:30-2:45 *Alcohol use disorder and the respiratory tract microbiota*  
Vincent Maffei, T32 pre-doctoral fellow, LSUHSC

**Business meeting:**

2:45-2:55 Announcements: Nicholas Gilpin, Ph.D., ADACE Associate Director  
- ADACE Pilot Grant Awardees  
- Next Retreat Date

2:55-3:00 Concluding Remarks: Patricia Molina, M.D., Ph.D.