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.