

The Impact of Chronic Pain on Brain and Body

Organizing Committee: Scott Edwards, PhD, Lisa Wilson, PhD

Taylor Fitzpatrick-Schmidt, Kourtney Weaver

Morning Scientific Session HDC Room 130

- 9:00-9:05 *Welcome Remarks*
Scott Edwards PhD, Associate Professor of Physiology, LSUHSC-NO
- Moderator: **Lisa Wilson, PhD**, Postdoctoral Fellow, Department of Cell Biology & Anatomy, LSUHSC-NO
- 9:05-10:05 *Keynote Address*
Gregory Corder, PhD, Assistant Professor, Department of Psychiatry, University of Pennsylvania
Mimicking Opioid Analgesia in Pain Neural Circuits
- 10:05-10:20 *Coffee Break*
- 10:20-10:50 **Amanda Pahng, PhD**, Research Health Scientist, Southeast Louisiana Veterans Health Care System
Investigating the Effects of Chronic Inflammatory Pain on Fentanyl-Related Behaviors
- 10:50-11:20 **Vinod Dasa, MD**, Vice Chair, Orthopedic Surgery, LSUHSC-NO
Jason Mussell, PhD, Professor, Department of Cell Biology and Anatomy, LSUHSC-NO
A Novel Curriculum to Reduce Opioid Use

Lunch Featuring: Trainee Presentations 11:30-12:45 HDC Room 335

- Moderator: **Kourtney Weaver**, MD/PhD Candidate, Department of Physiology, LSUHSC-NO
- 11:30-11:45 **Andrea Jones, PhD**, Postdoctoral Fellow, Department of Physiology, LSUHSC-NO
Sex and Age Effects on Development and Resolution of Chronic Inflammatory Pain
- 11:45-12:00 **I. Pamela Alonso, PhD**, Postdoctoral Fellow, Department of Physiology, LSUHSC-NO
Binge-Like Ethanol Drinking and Withdrawal Effects on Hyperalgesia and Ventrolateral Periaqueductal Gray (vIPAG) Neuronal Properties in Mice
- 12:15-12:30 **Sumin (Stephanie) Lee**, MD/PhD Student, Department of Physiology, LSUHSC-NO
Proteomic Analysis of Central Amygdala Systems Regulated by Mifepristone in the Context of Alcohol Dependence
- 12:30-12:45 **Keishla Rodriguez-Graciani, PhD**, Postdoctoral Fellow, Department of Physiology, LSUHSC-NO
Alcohol Increases Oxidative Stress and Mitochondrial Content in Myoblasts from SIV-Infected Female Macaques

Afternoon Scientific Session HDC Room 130

- Moderator: **Taylor Fitzpatrick-Schmidt**, MD/PhD Candidate, Department of Physiology, LSUHSC-NO
- 1:00-1:25 **Elyse Stevens, MD, MPH**, Assistant Professor, Community Population Medicine, LSUHSC-NO
Chronic Pain and Opioid Use Disorder: Chicken, Egg or Dinosaur?
- 1:25-1:50 **Tiffany Wills, PhD**, Associate Professor, Cell Biology & Anatomy, LSUHSC-NO
Sex Differences in Alcohol-Induced Hyperalgesia
- 2:00-2:05 *Coffee Break*
- 2:05-3:05 *Keynote Address*
Katie Witkiewitz, PhD, Professor, Department of Psychology, CASAA Director, The University of New Mexico
Alcohol and Pain: Insights from Human Clinical Trials
- 3:05 *Closing Remarks*
Nicholas Gilpin, PhD, Professor of Physiology, ADACE Co-Director, LSUHSC-NO