

Exploring the Influences of Sex/Gender Differences in Addiction & Recovery

Morning Scientific Session

- 9:30-9:35 *Welcome Remarks*
Robert Siggins, PhD (they/them/he/him), Assistant Professor of Physiology, LSUHSC-NO
- Moderator: Sydney Vita, PhD (she/her), Postdoctoral Fellow, Department of Physiology, LSUHSC-NO
- 9:35-10:35 **Keynote Address: Jill Becker, PhD** (she/her), Patricia Y. Gurin Collegiate Professor of Psychology, Research Professor, Michigan Neuroscience Institute
Sex Differences in Addiction: Lessons from Animal Models
- 10:40-11:00 **Tiffany Wills, PhD** (she/her), Assistant Professor of Cell Biology & Anatomy, LSUHSC-NO
Sex Differences in the Development of Hyperalgesia from Adolescent Alcohol Exposure

Roundtable Lunch Discussion

- Moderator: **Tiffany Wills, PhD** (she/her), Assistant Professor of Cell Biology & Anatomy, LSUHSC-NO
- 11:10-12:10 **Jill Becker, PhD** (she/her), Patricia Y. Gurin Collegiate Professor of Psychology, Research Professor, Michigan Neuroscience Institute
Rebecca Shansky, PhD (she/her), Associate Professor of Psychology, Northeastern University

Afternoon Scientific Session

- Moderator: Chelsea Duplantis (she/her), MS Candidate, Department of Physiology, LSUHSC-NO
- 1:00-2:00 **Keynote Address: Rebecca Shansky, PhD** (she/her), Associate Professor of Psychology, Northeastern University
A Neural Basis for Sex-Dependent Fear Responding

Talks by LSUHSC-NO Trainees

- Moderator: Robert Siggins, PhD (they/them/he/him), Assistant Professor of Physiology, LSUHSC-NO
- 2:10-2:25 **Jessi Cucinello-Ragland, BA** (they/them/theirs), PhD Candidate, Department of Physiology, LSUHSC-NO
Sex-Specific Effects of Alcohol on Inflammatory Pain and Corticolimbic Endocannabinoid Signaling
- 2:25-2:40 **Taylor Templeton, BS** (she/they), PhD Candidate, Department of Physiology, LSUHSC-NO
Predator Odor Stress Effects on Cocaine Self-Administration in Adult Male and Female Wistar Rats
- 2:40-2:55 **Eleanor B. Holmgren, BS** (she/her), PhD Candidate, Department of Cell Biology and Anatomy, LSUHSC-NO
Investigation of Adolescent Alcohol Exposure Interactions with Stress on BNST CRF Signaling Across Sex
- 2:55-3:10 **Joshua Schwartzenburg, BS** (he/him), MD/PhD Candidate, Department of Biochemistry and Molecular Biology, LSUHSC-NO
TBI and Alcohol Promotes ISG15-Mediated TDP-43 Proteinopathy in Rat and Human Spinal Cords
- 3:10-3:20 *Closing Remarks and Pilot Award Announcement*
Nicholas Gilpin, PhD (he/him), Professor of Physiology, Associate Director of ADACE, LSUHSC-NO