

## Thursday, August 3<sup>rd</sup>

### **Interdisciplinary Overview on the Increasing Clinical and Scientific Relevance of Kratom** (11:00am–12:50pm; Room 145B)

- Christopher R. McCurdy, PhD, University of Florida: *Kratom: Variations in Chemistry, Pharmacology, and Formulations*
- Oliver Grundmann, PhD, University of Florida: *Kratom Use Patterns and Associated Co-Use of Other Substances*
- Kirsten E. Smith, PhD, National Institute of Drug Abuse IRP: *Measuring Kratom Effects using Ecological Momentary Assessment and Lab-Based Study*
- Stephanie T. Weiss, PhD, National Institute of Drug Abuse IRP: *A Survey of Kratom Toxicology*

### **Behavioral Pharmacology of Non-THC Cannabis Constituents: Effects of Minor Cannabinoids and Terpenes** (3:00–4:50pm Room 145A)

- Tory Spindle, PhD, Johns Hopkins University: *Comparative Effects of Delta-8-THC and Delta-9-THC: Results From a Human Laboratory Study*
- Austin Zamarripa, PhD, Johns Hopkins University: *Interactive Effects of THC and Two Cannabis Terpenes (Alpha-Pinene and d-Limonene) in Humans*
- Cecilia Bergeria, PhD, Johns Hopkins University: *Behavioral Pharmacology of Cannabigerol (CBG): Results from a Double-Blind, Placebo-Controlled Study of Healthy Adults*
- Stephanie Lake, PhD, University of California, Los Angeles: *A Controlled Drug Administration Study Examining the Analgesic and Subjective Effects of the Terpene Caryophyllene Alone and in Combination with D9-THC*
- Dustin Stairs, PhD, Creighton University: *Conditioned Place Preference Following Vapor Exposure of Delta-8 THC, CBD, and a Mixture in Male Rats*

Friday Aug 4<sup>th</sup>

**Outstanding Dissertation Award, Young Psychopharmacologist Award,  
and New Fellow Symposium** (8:00–8:50am; Room 102A)

- Austin Zamarripa, PhD, Johns Hopkins University: *Comparison of the Reinforcing and Antinociceptive Effects of G-protein Based Mu-Opioid Receptor Agonists in Sprague-Dawley Rats*
- Tory Spindle, PhD, Johns Hopkins University: *Using Human Laboratory Studies to Advance Cannabis Regulatory Science*
- Laura Stroud, PhD, Brown University: *Substance Use in Pregnancy: Biological Pathways and Intergenerational Transmission*

**MED Associates Brady/Schuster Award** (9:00–9:50am; Room 147B)

- Adam Leventhal, PhD, University of Southern California: *Addiction Science: More Substance than You Might Think*

**How Does Stress Influence Substance Use Severity and Treatment Outcomes?**

(10:00–10:50am Room 203)

- Lynn M. Oswald, PhD, University of Maryland: *Links Between Early Life Trauma and Opioid Misuse*
- Martin Hochheimer, PhD, Johns Hopkins University: *Stress and Cravings among those in Treatment for Opioid, Methamphetamine or Polysubstance Use Disorder*
- Greer McKendrick, PhD, Johns Hopkins University: *Associations Between Suvorexant and Biological and Self-Reported Stress in a Randomized Trial in Persons with Opioid Use Disorder*
- Justin Strickland, PhD, Johns Hopkins University: *Reward Deficit and Stress Surfeit Symptoms Experienced During Long-Term Opioid Use Recovery*

Friday Aug 4<sup>th</sup>

**Sleep as a Treatment Target for Substance Use Disorders** (11:00am–12:50pm; Room 143C)

- Justin J. Verlinden, MS, University of Kentucky: *An Online Insomnia Treatment for Heavy Drinkers: Preliminary Evidence and Future Directions*
- Andrew Huhn, PhD, Johns Hopkins University: *Orexin-Receptor Antagonist Effects on Sleep and Stress During Opioid Withdrawal*
- Mary Miller, PhD, University of Missouri: *Short-term Efficacy of CBT for Insomnia Across the Spectrum of Alcohol Use Disorder*
- Subhajit Chakravorty, MD, University of Pennsylvania: *Sub-phenotypes of Insomnia Comorbid with Alcohol Consumption*

**Executive Committee Meeting** (1:00–1:50pm; *Marriott Marquis*, Level 3, Judiciary Square Room)

**Division 28 Poster Session** (4:00-4:50pm; Level 2, Halls D and E)

**NIDA/NIAAA Early Career Investigator Travel Award Poster Session and Social** (5:00 – 6:50pm, *Marriott Marquis*; Level 2, Marquis Salon 7 and 8)

## Saturday Aug 5<sup>th</sup>

### **Innovative Interventions for Adults with Opioid Use Disorder** (8:00-9:50am; Room 140B)

- Sydney Bachelder, PhD, University of Vermont: *Technology-Assisted Low-Barrier Buprenorphine Treatment for Individuals with Opioid Use Disorder in Rural and Non-Rural Areas*
- Cecilia Bergeria, PhD, Johns Hopkins University: *A Pilot Study Evaluating reSET-O, a Digital Therapeutic Application, as an Adjunctive Treatment to Buprenorphine Initiated in Acute Care Settings*
- Kelly Peck, PhD, University of Vermont: *Prolonged Exposure Therapy for Adults with Concurrent Posttraumatic Stress Disorder and Opioid Use Disorder: Results from Two Randomized Trials*

### **Approaching Significance: How to Navigate the Wild World of Statistics** (11:00-11:50am; Room 102A)

- Mia Radevski, MS, University of Kentucky
- Lauren Moran, Georgia Institute of Technology
- Lauren Girouard, MS, University of Louisville
- Alison Winiarski, MS, Bell State University

### **Division 28 Presidential Address** (1:00-1:50pm; Room 145A)

- Thomas J. Gould, PhD, Pennsylvania State University: *Nicotine Addiction and Smoking: What a Historical and Psychopharmacology Perspective Tells Us About Addiction*

### **Division 28 Business Meeting** (2:00-2:50pm; Room 152B)

Saturday Aug 5<sup>th</sup>

**Novel Brain, Behavior, and Methodological Approaches to Understanding Substance Use Recovery across the Lifespan** (3:00-4:50pm; Room 152B)

- Sarah W. Feldstein Ewing, PhD, University of Rhode Island: *Time for a Paradigm Shift: The Adolescent Brain in Addiction Treatment*
- Jill A. Rabinowitz, PhD, Johns Hopkins University: *Patterns of Demoralization and Anhedonia During Early Substance Use Disorder Recovery and Associations with Treatment Attrition*
- Jonathan L. Wells, MS, Virginia Commonwealth University: *Predictors of Treatment Attrition at Substance Use Disorder Treatment Facilities: A Random Forest Machine Learning Approach*
- Sarah D. Lichenstein, PhD, Yale University: *Connectomics of Addiction Recovery: Findings from Cannabis, Cocaine and Opioids*