

RAPID-FIRE POSTER SESSIONS

Thursday, November 7, 2024 (1:00pm-2:30pm CT)

POSTER ROOM 1

Moderated by Peter Monti, PhD, Brown University

- 1. Developmental and Biological Sex Alters the Efficacy of 2,5-dimethoxy-4-iodoamphetamine (DOI) in a Sucrose Reinforcement Task.** Johansen, Lisa M. and Garcia, Erik J. Department of Psychology, Neuroscience and Behavior, University of Nebraska Omaha.
- 2. Prevalence of Screening of Patients for Alcohol Use in West Virginia, BRFSS 2022, A Cross-Sectional Observational Study.** R. Constance Wiener, West Virginia University; Bayan Abuhalmeh, West Virginia University; Christopher Waters, West Virginia University; Ruchi Bhandari, West Virginia University.
- 3. Do Coping Motives Moderate the Associations between Acculturative Stress and Alcohol Use/Problems among Hispanic and Asian American College Students?** Nyanhial Pal, University of Nebraska-Lincoln; Harley Boutard, University of Nebraska-Lincoln; Patrick R. Duryea, University of Nebraska-Lincoln; Wenyue Wang, University of Nebraska-Lincoln; Dennis E. McChargue, University of Nebraska-Lincoln; Byron L. Zamboanga, University of Arkansas.
- 4. Impact of trait impulsivity and self-reported alcohol use on exit point from a date rape vignette.** Riah Engel, University of Nebraska-Lincoln; Jaimie Elowsky, University of Nebraska-Lincoln; Kailey Richner, PhD, University of Nebraska-Lincoln; Alexa Barret, MA, University of Nebraska-Lincoln; Ellie Reznicek, University of Nebraska-Lincoln; Nyanhial Pal, University of Nebraska-Lincoln; Earl, A., Creighton University; Mamauag, B. V. L., University of the Philippines-Visayas; Tuliao, A., Texas Tech University; Dennis McChargue, PhD, University of Nebraska-Lincoln.
- 5. Historical Trauma and Alcohol Use among First Nations Peoples.** Jewelia J. Ferguson, University of Rhode Island; Nichea S. Spillane, University of Rhode Island; Diana Ho, University of Rhode Island; Noam G. Newberger, University of Rhode Island; Emmanuel D. Thomas, University of Rhode Island; Nicole H. Weiss, University of Rhode Island.
- 6. Chemogenetic melanin-concentrating hormone activation decreases fructose-sweetened alcohol cocktail drinking by increasing behavioral measures of brain-mediated satiety.** Kuebler, I.R.K., University of Nebraska-Lincoln; Ng., S.Q., University of Nebraska-Lincoln; Wakabayashi, K.T., University of Nebraska-Lincoln
- 7. Aromatherapy intervention using Citrus bergamia (Bergamot) essential oil in adults in treatment for substance use disorder: A randomized control trial.** Marian Elaine Reven, West Virginia University; Roger Carpenter, West Virginia University, Mary Jane Smith, West Virginia University, Kesheng Wang, West Virginia University, Amanda Newhouse, West Virginia University.
- 8. Effect of Experiences with Drug Use on Perceived Community Stigma Against People Who Use Drugs.** Kaitlyn Tam, Arizona State University; Patrick Habecker, University of Nebraska-Lincoln; Aaron Grinberg, Reed College.

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POSTER ROOM 2

Moderated by Brianna Sheppard, PhD, West Virginia University

- 1. Comprehensive Strategies for Addressing the Opioid Epidemic: A Review of Overdose Education, Naloxone Distribution, and Suboxone Interventions.** Fowers, R., UNTHSC; Judd, D., UNTHSC; Stucki, B., UNTHSC; Oglesby M., UNTHSC.
- 2. The Opioid Epidemic: A Review of the Contributing Factors, Negative Consequences, and Best Practices.** Judd D, UNTHSC; King CR, BYU; Galke C, UNTHSC.
- 3. 5-HT_{2A} receptor activation during oxycodone economic demand after short and long continuous access self-administration in male and female rats.** Kaufenberg, Emili C., Richardson, Carter J., Stevens, Thomas M., and Garcia, Erik J. Department of Psychology, Neuroscience and Behavior, University of Nebraska at Omaha.
- 4. Increasing Recognition of Neonatal Opioid Withdrawal Syndrome (NOWS) in Rural Nebraska Through Provider Education.** Ann Anderson Berry, MD PhD, UNMC/NPQIC; Sydnie Carraher, DNP, APRN-NP, NNP-BC, NPQIC; Robin Humrich, MD, UNMC; Kenneth Zoucha, MD, FAAP, FASAM, UNMC; Chelsey Kennedy, DNP, APRN-NP, WHNP-BC, PMHNP-BC, NPQIC; Sarah Newman, DNP, APRN, NNP-BC, Nebraska Medicine; Kara Foster, MPH, NPQIC; Lindsey Steele, MPH, NPQIC.
- 5. Impact of environmental enrichment on acute fentanyl analgesic efficacy in rats.** Ella G Kirkpatrick; Erik J. Garcia, Department of Psychology, Neuroscience and Behavior, University of Nebraska Omaha, Omaha.
- 6. Reducing Opioid Prescriptions During Pregnancy: An Educational Intervention in Rural Nebraska.** Robin Humrich, MD, UNMC; Ann Anderson Berry, MD PhD, UNMC/NPQIC; Sydnie Carraher, DNP, APRN-NP, NNP-BC, NPQIC; Kenneth Zoucha, MD, FAAP, FASAM, UNMC; Chelsey Kennedy, DNP, APRN-NP, WHNP-BC, PMHNP-BC, NPQIC; Sarah Newman, DNP, APRN, NNP-BC, Nebraska Medicine; Kara Foster, MPH, NPQIC; Lindsey Steele, MPH, NPQIC.
- 7. PLGA-Naloxone: A Novel Pharmacological Intervention for Enhancing Opioid Toxicity Treatment.** Akash Manes, Faculty of Medicine, University of British Columbia; Horacio Bach, Department of Medicine, Division of Infectious Diseases, University of British Columbia.
- 8. Improved Efficacy and Cost Efficiency of Naloxone-Nanoparticle Formulations in Re-Narcotization Prevention.** Akash Manes, Faculty of Medicine, University of British Columbia. Horacio Bach, Department of Medicine, Division of Infectious Diseases, University of British Columbia.

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POSTER ROOM 3

Moderated by Ju Park, PhD, Brown University

- 1. Associations Between Posttraumatic Stress Disorder Symptoms and Substance Use Among People Who Inject Drugs.** Noam Newberger, University of Rhode Island; Emmanuel Thomas, University of Rhode Island; Diana Ho, University of Rhode Island; Silvi Goldstein, Brown University; Nicole Weiss, University of Rhode Island.
- 2. Schedule-induced polydipsia: Establishing a rat model to study obsessive-compulsive behavior and its comorbidities.** MacKenzie L. Knabel, University of Nebraska-Lincoln; Killian Dwinell, University of Nebraska-Lincoln; Natalie Policky, University of Nebraska-Lincoln; Sophia Smyth, Boston College; Melisa Kulak, University of Nebraska-Lincoln; Drake Reinke, Institute of Human Neuroscience; Jackson Sears, University of Nebraska-Lincoln; Kyla Michalak, University of Nebraska-Lincoln; Scott T. Barrett, University of Nebraska-Lincoln; and Rick A. Bevins, University of Nebraska-Lincoln.
- 3. Legal Yet Lethal: Uncovering the Hidden Dangers of Kratom.** Sharon Cherian, DO, Department of Behavioral Medicine & Psychiatry, Charleston Area Medical Center; Adina Bowe, MD, Department of Behavioral Medicine & Psychiatry, Charleston Area Medical Center.
- 4. The Impact of Cues and Medications on Risky Choice in Parkinson's Disease Patients.** Katherine Muksuris, West Virginia University; Mariya V. Cherkasova, West Virginia University.
- 5. Patterns of cannabis consumption among Spanish youth adults.** A. Sanz-Pérez, Department of Pharmacology, Pharmacognosy and Botany, Faculty of Pharmacy, Complutense University of Madrid, Madrid, Spain; T. Pérez, Department of Statistics and Data Science, Complutense University of Madrid, Madrid, Spain; A.I. Fraguas-Sánchez, Pharmaceutics and Food Technology Department, Faculty of Pharmacy, Complutense University of Madrid, Madrid, Spain; D.R. Serrano, Pharmaceutics and Food Technology Department, Faculty of Pharmacy, Complutense University of Madrid, Madrid, Spain; J.M. Ruiz Sánchez de León, Department of Experimental Psychology, Complutense University of Madrid, Madrid, Spain; F.J. Estupiñá, Department of Personality, Assessment and Clinical Psychology, Faculty of Psychology, Complutense University of Madrid, Madrid, Spain; M.C. Pardo, Department of Statistics and Operational Research, Complutense University of Madrid, Madrid, Spain; Instituto de Matemática Interdisciplinar (IMI), Complutense University of Madrid, Madrid, Spain; E. González-Burgos, Department of Pharmacology, Pharmacognosy and Botany, Faculty of Pharmacy, Complutense University of Madrid, Madrid, Spain.
- 6. Mode and Sensitivity Effects on Illegal Substance Use Reporting over Surveys.** Aaron Grinberg, Reed College; Patrick Habecker, University of Nebraska-Lincoln; Kaitlyn Tam, Arizona State University.
- 7. Nicotine and Cigarette Smoke Extract During Adolescence and Adulthood Differentially Effects Compulsive and Anxiety-Like Behaviours in Female Rats.** Donna R. Wood, University of Guelph; Laura H. Kostwinder, University of Guelph; Sabrina B. Dewan, University of Guelph; Davin R. Peart, University of Guelph; Olivia S. O'Neill, University of Guelph; Ethan Huff, University of Guelph; Erin M. Rock, University of Guelph; Ashley A. Geremia, University of Guelph; Boyer D. Winters, University of Guelph; Craig D.C. Bailey, University of Guelph; Jennifer E. Murray, University of Guelph.
- 8. Amplification of the conditioned reinforcing value of the nicotine stimulus is sensitive to the temporal contiguity between the nicotine CS and sucrose US.** Steck KA, University of Nebraska- Lincoln; McNealy KR, University of Nebraska- Lincoln; Ramirez H, University of Pittsburg; Flynn A, University of Nebraska- Lincoln; Knabel ML, University of Nebraska- Lincoln; Smyth S, Boston College; Barrett ST, University of Nebraska- Lincoln; and Bevins RA, University of Nebraska- Lincoln.

Thursday, November 7, 2024 (1:00pm-2:30pm CT)

POSTER ROOM 4

Moderated by Daniel Morgan, PhD, Marshall University

- 1. A highly selective 5-HT_{2A} receptor agonist mitigates fentanyl relapse in male and female Sprague-Dawley rats.** Wallroff, Brandon M., Kerzman, Chayse L. and Garcia, Erik J. Department of Psychology, Neuroscience and Behavior, University of Nebraska at Omaha.
- 2. Methamphetamine effects on whole hippocampal volumes.** Pedroza Sotelo, K., University of Nebraska-Lincoln; Schwarb, H., University of Nebraska-Lincoln; Hubbard, NA., University of Nebraska-Lincoln.
- 3. Hypothyroidism as potential risk factor for stimulant use disorder: A case report.** Vincent K Melemai, School of Medicine, West Virginia University; Ryan A Lacinski, School of Medicine, West Virginia University; Lynsey J Soule, Department of Psychiatry, West Virginia University; Dorothy van Oppen, Department of Psychiatry, West Virginia University.
- 4. Examining the dose generality of racemic ketamine and substitution by Esketamine and PCP in a Pavlovian occasion setting procedure.** Melisa Kulak, University of Nebraska-Lincoln; Rachel Burrichter, University of Nebraska-Lincoln; Sophia Smyth; University of Nebraska-Lincoln; Natalie Policky, University of Nebraska-Lincoln; Scott Barret, University of Nebraska-Lincoln; Rick Bevins, University of Nebraska-Lincoln.
- 5. Addressing Wound Care Needs for People Who use Drugs in East Baltimore.** Atri Surapaneni, Johns Hopkins University, Floriane Yataco-Chatain, Johns Hopkins University, Eleni Alvarez, Johns Hopkins University, Dr. Karin Tobin Johns Hopkins Bloomberg School of Public Health.
- 6. Ketamine, MDMA, and Psychedelics: Attitudes, Effectiveness, and Research Priorities in SUD and CUD Treatment.** Rachel Ramaglia, University of Georgia; Celine Villalba, University of Georgia; Dr. Lydia Aletraris, University of Georgia.
- 7. Abstinence Duration Modulates Resting State Functional Connectivity in Individuals with Co-occurring Opioid and Methamphetamine Use Disorder.** Rebekah Thurn, West Virginia University; Jennifer Marton, West Virginia University; Daisy Thompson-Lake, West Virginia University; Victor Finomore, West Virginia University; Ali Rezai, West Virginia University; James J Mahoney III, West Virginia University.
- 8. Activation of melanin-concentrating hormone neurons in the lateral hypothalamus alter the expression of methamphetamine intravenous self-administration in a sex-dependent manner.** Mauricio Suarez, University of Nebraska-Lincoln; Isabel R. K. Kuebler, University of Nebraska-Lincoln; Hannah Schneider, University of Nebraska-Lincoln; Jessica D. Vollan, University of Nebraska-Lincoln; Ken T. Wakabayashi; University of Nebraska-Lincoln.