

SHORT RESEARCH PRESENTATIONS

SESSION 1 – Thursday November 9, 2023 (11:30am-12:30pm CT)

Zoom Room 1: Animal Modeling/Basic Science/Pre-Clinical

Moderated by [Richard Egleton, PhD, Marshall University]

1. Sex Differences in Oral Morphine Consumption: Differential Effects of Contingent and Non-Contingent Footshock
Rita El Azali, University of Nebraska–Lincoln, Jennifer Murray, University of Guelph, Ava Noon, University of Guelph, Adia Stone, University of Guelph, S. Latremouille, Alex McGinn, University of Guelph, Erin Rock, University of Guelph, Scott Barrett, University of Nebraska–Lincoln
2. Sex and reinforcer-specific modulation of 5-HT_{2A} efficacy in food self-administration in Sprague-Dawley rats
Brandon Wallroff, University of Nebraska–Omaha, Erik J. Garcia, University of Nebraska–Omaha
3. Involvement of miR-339/NLRP6 axis in alcohol-mediated astrocyte reactivation and neuroinflammation
Seema Singh, University of Nebraska Medical Center, Shilpa Buch, University of Nebraska Medical Center, Palsamy Periyasamy, University of Nebraska Medical Center

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Zoom Room 2: Data-Driven Studies/Methodologies

Moderated by [Wes Kimble, MPA, WVCTSI]

1. Machine learning of substance use and youth experiences in the home, school, and community with depression in U.S. adolescents
Kesheng Wang, West Virginia University, Donald Adjero, West Virginia University, Suzy Mascaro Walter, West Virginia University, Erin Winstanley, West Virginia University Ubolrat Piamjariyakul, West Virginia University
2. Evaluating the Effectiveness of Machine-Learning Models for Predicting Short-term Substance Use Behaviors
Nate Thach, University of Nebraska–Lincoln, Kimberly Tyler, University of Nebraska–Lincoln, Bilal Khan, Lehigh University, Hau Chan, University of Nebraska–Lincoln
3. Community Survey Responses to Overdose Detection Technologies: Preliminary Formative Research Findings
Jessica Tardif, Rhode Island Hospital, Erin Thompson, Rhode Island Hospital Christina Vasquez, Brown University, Ryan Koch, Rhode Island Hospital, Joseph G. Rosen, John Hopkins University, Ju Nyeong Park, Brown University

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Zoom Room 3: Harm Reduction/Overdose Prevention/Education Training

Moderated by [Michelle McKenzie, MPH, RI COBRE]

1. Preliminary Findings from the Rhode Island Overdose Detection Technologies Study
Ju Nyeong Park, Rhode Island Hospital, Erin Thompson, Rhode Island Hospital, Jessica Tardif, Rhode Island Hospital, Susan Ramsey, Rhode Island Hospital, Josiah Rich, Rhode Island Hospital
2. Design of a Multi-Site Study Implementing a Pharmacist-Integrated Collaborative Model of Medication Treatment for OUD
Felicity Homsted, FQHC 340B Compliance, Trip Garnder, Penobscot Community Health Center, David Fiellin, Yale School of Medicine, Lisa A. Marsch, Geisel School of Medicine at Dartmouth
3. A Possible Solution to Improved Addiction Education of Family Medicine Residents
Kenneth Zoucha, University of Nebraska Medical Center, Neil Kalsi, **University of Nebraska Medical Center**

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Zoom Room 4: Underrepresented Populations/Social Determinants of Health

Moderated by [Peter Monti, PhD, Brown University]

1. Physical Therapy Roles in Substance Misuse and Addiction Recovery—Preparing Students to Educate Communities
Anne Swisher, West Virginia University, Ralph Utzman, West Virginia University, Kimeran Evans, West Virginia University
2. Nicotine Dependence Predicts Lower Smoking Cessation Treatment Adherence for Participants with Low income but not High Income
Sarah Barter, Butler Hospital, Zainab Shah, Sarah Dreyer-Oren, Brown University, Julie Desaulniers, Butler Hospital, Ana Abrantes, Butler Hospital
3. Socio-demographic indicators of unintended pregnancy among substance-using women: Pregnancy Risk Assessment Monitoring System 20
Saima Shafique, West Virginia University, Amna Umer, West Virginia University, Kim E. Innes, West Virginia University, Toni Marie Rudisill, West Virginia University, Wei Fang, West Virginia University, Lesley Cottrell, West Virginia University