



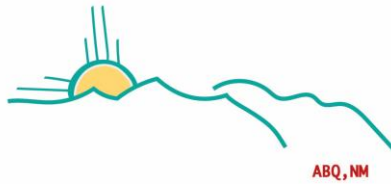
## **Reaching new frontiers in addiction science: Bridging the gap to treatment**

March 23-25, 2023  
Hotel Albuquerque  
Albuquerque, New Mexico, USA



#CPA2023 | @APADivision50

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# **COLLABORATIVE PERSPECTIVES ON ADDICTION 2023**

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## **ABOUT CPA**

Addiction is a significant public health problem that impacts many individuals and families in the United States and globally. The Collaborative Perspectives on Addiction (CPA) conference was launched 10 years ago to bring together scientists and practitioners from the Society of Addiction Psychology (SoAP) and peer divisions in the American Psychological Association to highlight cutting-edge research on the psychology of addiction. The goal of CPA is to use science to enhance the prevention and treatment of addiction and foster collaborative relationships.

# WELCOME STATEMENT

Welcome to CPA2023! We are thrilled to have you join us for the 11th anniversary of the Collaborative Perspectives on Addiction conference. The Program Committee has worked hard to plan and execute this year's conference. We thank the Executive Committee of the Society of Addiction Psychology for the support throughout this process.

We are proud to be hosting a variety of symposia, panels, workshops, and poster presentations. In reflecting on the past decade of CPA and envisioning the next decades of addiction psychology, we hope to push the boundaries for innovation and inclusivity. With this in mind, we continued the new presentation format named the Program Chairs' Choice Papers. The paper presentations are organized around the conference thematic areas including: (1) Computational and data science approaches in addiction research; (2) Novel and underused data collection approaches and methods in addiction treatment; and (3) Utilization of technology (e.g., wearables, app based, treatment devices) in addiction treatment services. We continue our diversity enhancement efforts through systematic integration of diversity considerations in the abstract review process, the Inclusion Travel Award for Underrepresented Scholars program, and the introduction of a poster award competition that highlight exceptional research with historically underrepresented minority or underserved populations.

We also have numerous social activities planned. On Thursday night during the first poster session, come join us for a social hour followed by a student "speed-networking" event. We especially encourage first-time student attendees to come out and meet your colleagues. On Friday morning, we will have a run/walk event, hosted by the student committee. Per tradition, we will have our mentor-mentee lunch (requiring prior RSVP). In the evening following the poster session on Friday, there is another social hour sponsored by the 'Promoting Underrepresented Minorities in Psychology' (PUMP) program. Please consider stopping by and finding out more about this new program lead by APA Division 50's Diversity, Equity, and Inclusion Committee created to help us support, recruit, and retain scholars from underrepresented backgrounds.

We thank all the volunteers who made this conference possible. We hope you enjoy all CPA2023 has to offer this year!

Erin Deneke, Ph.D. and Jordan Davis, Ph.D.  
Program Co-Chairs

THANK YOU TO OUR SPONSORS & FRIENDS OF CPA!



USC Institute for  
Addiction Science



CAMBRIDGE  
UNIVERSITY PRESS & ASSESSMENT



RECOVERY  
RESEARCH  
INSTITUTE



RECOVERYANSWERS.ORG



ASAM American Society of  
Addiction Medicine



TEXAS TECH UNIVERSITY  
Addictive Disorders  
& Recovery Studies™

KU

Cofrin Logan Center for Addiction  
Research and Treatment



### **Friends of CPA**

*Adrian Bravo  
Scott King  
Jordan Davis  
Patrick Quinn*

*Tessa Frohe  
James Murphy  
Eric Pedersen  
Katie Witkiewitz*

Sponsorships and donations from friends of CPA make it possible for us to offer Travel and Registration Awards to trainees and early career professionals to present their work at the annual conference. We appreciate your support for the future of addiction psychology!

# SCHEDULE AT A GLANCE

THURSDAY, March 23, 2023

8:00am	REGISTRATION & CONTINENTAL BREAKFAST	
9:30am	<b>OPENING CEREMONY/AWARDS</b> <b>KEY NOTE ADDRESS</b>	
11:00am	<b>SYMPOSIUM:</b> NOVEL INTERVENTIONS FOR ADOLESCENT SUBSTANCE USE	<b>SYMPOSIUM:</b> NOVEL MEASUREMENT AND ASSESSMENTS FOR UNDERSTANDING ADDICTION ACROSS DIVERSE POPULATIONS
12:30pm	REGISTRATION & LUNCH ON YOUR OWN	
1:45pm	<b>SYMPOSIUM:</b> INNOVATIVE METHODOLOGIES TO UNDERSTAND AND ADDRESS LINKS BETWEEN PAIN AND OPIOID USE.	<b>SYMPOSIUM:</b> ENGAGING UNDERREPRESENTED POPULATIONS IN SUBSTANCE USE INTERVENTION AND TREATMENT
3:00pm	BREAK	
3:15pm	<b>PROGRAM CHAIRS' CHOICE PAPER SESSION 1:</b> Houck, Courtney, Benson, Saba  Moderator: Jordan Davis	<b>SYMPOSIUM:</b> ACROSS THE SPECTRUM OF SUBSTANCE USE: MULTI-MODAL ASSESSMENT AND INTERVENTION OF PAIN AND SUBSTANCES
4:30pm	<b>POSTER SESSION 1</b> <b>CPA SOCIAL/HAPPY HOUR</b>	
5:30pm	STUDENT SPEED-NETWORKING EVENT	

## FRIDAY, March 24, 2023

8:00am	REGISTRATION & CONTINENTAL BREAKFAST	MEDITATION/MINDFULNESS SESSION (Sponsored by Division 50 Student Committee)	
9:45am	<b>PROGRAM CHAIRS' CHOICE PAPER SESSION 2:</b> Tipping, L'Insalata, Campbell  Moderator: Erin Deneke	<b>SYMPOSIUM:</b> PEERS AND PARENTS MATTER: THE ROLE OF SOCIAL CONTEXTS IN ADOLESCENT SUBSTANCE USE AND RECOVERY	<b>SYMPOSIUM:</b> FROM THE LAB TO THE CLINIC: BASIC & APPLIED FINDINGS ON CO-OCCURRING PTSD & SUDS
11:00am	BREAK		
11:15am	<b>SYMPOSIUM:</b> INNOVATIONS IN THE COLLABORATIVE CARE MODEL TO INCREASE ACCESS TO OPIOID USE DISORDER TREATMENT	<b>SYMPOSIUM:</b> SOCIOCULTURAL AND PSYCHOSOCIAL INFLUENCES ON SUBSTANCE USE IN HISPANIC/LATINX POPULATIONS	<b>SYMPOSIUM:</b> NOVEL TECHNOLOGY APPROACHES APPLICABLE TO SPECIAL POPULATIONS AFFECTED BY SUBSTANCE USE/SUD
12:30pm	MENTOR-MENTEE LUNCH (Registered Attendees Only)	REGISTRATION & LUNCH ON YOUR OWN	
1:45pm	<b>PANEL:</b> Clinical Round Table: Reinforcement and Life-enhancing Treatments for Addiction: Applications Across Diverse Settings and Populations	<b>CPA Division 50 advisory board and committee meeting</b>	
3:00pm	BREAK		
3:15pm	<b>SYMPOSIUM:</b> USING TECHNOLOGY TO PREDICT SUBSTANCE USE, MODEL MECHANISM. S. OF CHANGE, AND FACILITATE TREATMENT	<b>SYMPOSIUM:</b> BRIEF INNOVATIVE ALCOHOL INTERVENTIONS FOR U.S. VETERANS OUTSIDE OF TRADITIONAL TREATMENT SETTINGS	<b>SYMPOSIUM:</b> CONTEXT MATTERS: EXAMINING THE IMPACT OF SOCIAL CONTEXT ON DRINKING AND ALCOHOL AND CANNABIS CO-USE
4:30pm	POSTER SESSION 2		
5:30pm	Student and Early Career Social hour – sponsored by PUMP- at Les Combes		



## SATURDAY, March 25, 2023

8:00am	CONTINENTAL BREAKFAST	
8:00am	<b>POSTER SESSION 3</b>	
9:00am	<b>SYMPOSIUM:</b> PILOTING OF WITHIN-PERSON ASSESSMENT OF THE IMPACT OF RECOVERY COMMUNITY CENTERS ON MEMBERS' LIVES	<b>SYMPOSIUM:</b> OCCASION-SPECIFIC EXAMINATIONS OF HEALTH OUTCOMES OF DRINKING GAMES PARTICIPATION AMONG YOUNG PEOPLE
10:15am	BREAK	
10:30am	<b>SYMPOSIUM:</b> ADVANCING MEASUREMENT OF HARM REDUCTION AND MODERATION SUBSTANCE USE GOALS AND OUTCOMES	<b>SYMPOSIUM:</b> ONLINE AND OFFLINE SOCIAL INFLUENCES ON ADOLESCENT SUBSTANCE USE: IMPLICATIONS FOR PREVENTION



## CENTER ON ALCOHOL, SUBSTANCE USE, & ADDICTIONS

We are committed to conducting research to reduce the suffering caused by substance use and other addictive behaviors.



Our interdisciplinary faculty of researchers engages in:

### **Research**

- Developing and testing innovative treatments
- Understanding mechanisms of behavior change
- Enhancing service delivery for underserved populations
- Improving the health and safety of people who use substances

### **Training**

- NIAAA-funded T32 (supporting 4 postdoctoral and 3 predoctoral trainees)
- UNM IMPOWR Center focused on chronic pain and opioid use disorder (supporting 2 postdoctoral trainees)

[www.casaa.unm.edu](http://www.casaa.unm.edu)

# PLANNING COMMITTEE & VOLUNTEERS

## **Program Co-Chairs**

Erin Deneke, Ph.D., Caron Treatment Centers

Jordan Davis, Ph.D., University of Southern California

## **Peer-Review Coordinators**

Benjamin Ladd, Ph.D., Washington State University (Chair)

Tim Janssen, Ph.D., Brown University

## **Sponsorship Coordinator**

Andrew Kim, Ph.D., Toronto Metropolitan University

## **Diversity Committee**

Lidia Meshesha, Ph.D., University of Central Florida (Chair)

Byron L. Zamboanga, Ph.D., University of Arkansas

Fiona Conway, Ph.D., University of Texas at Austin

Jessica Perrotte, Ph.D., Texas State University

Neo Gebru, Ph.D., Brown University

## **SoAP Student Committee & Volunteers\***

Roselyn Peterson (Co-Chair)

Corey Monley

Skyler Hoover

Delaney Dunn

Jack Waddell

Julie Cristello

Sharmagh Aghabeigi

Bonnie Rowland (Co-Chair)

Daniel Oesterle

Samuel Acuff

Gabriel Medianero Arauz

Jennifer Shipley

Kimberley Shore

Rachelle Kromash

## **SoAP Communications & Technology Committee**

Katie Witkiewitz, Ph.D., University of New Mexico (Chair)

## **SoAP President**

Aaron Weiner, Ph.D. (President)

## Proposal Reviewers

Michael Amlung  
Mariel Bello  
Ben Berey  
Cassandra Boness  
Adrian Bravo  
Ty Brumback  
Ryan Carpenter  
Angelo DiBello  
Graham Diguiseppi  
Lori Eldridge

Anne Fairlie  
Gaylen Fronk  
Christian Garcia  
Neo Gebru  
Meredith Ginley  
Casey Guillot  
Josephine Harris  
Emily Hennessy  
Blake Hilton  
Katelyn Kirk-Provencher

Alison Lobby  
Jorge Martins  
Corey Monley  
James Murphy  
Patrick Quinn  
Dylan Richards  
Katelyn Romm  
Shaddy Saba  
Melissa Schick  
Rachel Tomko

Jack Waddell  
Nicole Weiss  
Andrea Wycoff  
Ali Yurasek  
Tim Janssen  
Ben Ladd  
Jordan Davis



## DIVERSITY STATEMENT

The Collaborative Perspectives on Addiction (CPA) Conference is committed to the inclusion of scientists, clinicians, and learners from diverse backgrounds who have a shared interest in understanding and treating addictive disorders. This mission is enhanced by a variety of perspectives, and our goal is to create an inclusive, respectful conference environment that invites participation from people of all races, ethnicities, genders, ages, abilities, religions, and sexual orientations. At CPA, we strive for every participant to feel welcome, included, and safe at the conference. To accomplish this, we actively seek to increase the diversity of our attendees, speakers, and sponsors through our calls for proposals, schedule of conference events, and through dialogue with the larger communities we serve. Based on attendee feedback from previous conferences, we are excited to continue implementing several initiatives for CPA. These include continuing to engage our CPA Diversity Committee in conference planning, offering a diversity-focused session in an expanded venue to allow for greater participation, continuing the Inclusion Travel Award for Underrepresented Scholars program, and reaching out to a broader community to enhance attendance by members of underrepresented groups. We believe that these initiatives can continue to move our conference in the right direction. We also recognize that this is an ongoing process that takes time and attendees are encouraged to speak with the Program Chairs regarding any concerns about diversity and inclusion at CPA.

## DIVERSITY ENHANCEMENT EFFORTS

Diversity issues such as considerations about generalizability of results to various groups, central concerns or mechanisms pertinent to underrepresented minority or underserved populations, and methods commonly used in multicultural and (cross-)cultural studies are commonly neglected. These diversity considerations sometimes may be compartmentalized when evaluating the quality of addiction psychology research. To promote the integration of diversity considerations in addiction research, this criterion is used along three other existing criteria for evaluating and selecting proposals for inclusion into the CPA2023 program. All proposals are rated on a common metric in terms of (1) overall quality/importance, (2) innovation/originality, (3) approach/methodology, and (4) diversity considerations.

All travel and registration awards are determined based on reviewers' favorable evaluation of the proposals. Per the Inclusion Travel Award for Underrepresented Scholars program, special considerations are made to ensure that the award selections represent individuals' who come from underrepresented minority and disadvantaged backgrounds and who have demonstrated financial needs to attend CPA2023.

Additionally, we have introduced this year a poster award competition for presentations that highlight exceptional addiction research with historically underrepresented minority or underserved populations. The CPA Diversity Committee will evaluate the presentations and select the winner(s).



# REAL ABOUT RECOVERY

At Caron Treatment Centers, being Real About Recovery means treating addiction like the chronic disease it is and addressing its underlying causes through evidence-based treatment. That's why we have on-site, full-time credentialed experts from multiple disciplines including medical, psychiatry, neuropsychology, social work, and addictions counseling. We recognize the importance of trauma-informed, family systems approach within an interdisciplinary model of treatment.



## Fran and Doug Tieman Center for Addiction Research

Caron Treatment Centers, a leading, internationally recognized nonprofit dedicated to addiction and behavioral healthcare treatment, research, prevention, and addiction medicine education, announced the creation of The Fran and Doug Tieman Center for Research on its Pennsylvania campus. The Fran and Doug Tieman Center for Research is the first-of-its-kind to be located at a nonprofit addiction treatment facility. It will focus on neuroscience and medical research with the goal of leveraging advancements in science to guide prevention and treatment.

In addition to ongoing research projects, the Fran and Doug Tieman Center for Research will focus on expanding academic partnerships to foster research and train healthcare professionals to understand and apply evidence-based journal articles in their practices. In the long-term, the Fran and Doug Tieman Center for Research will also seek to establish a pipeline program to engage college students interested in pursuing careers in research and healthcare.

### For 65+ years, Caron Treatment Centers has helped patients and their families heal through:

- Evidence-based treatment modalities (CBT, DBT, EMDR, Neurofeedback, etc.)
- Psychological assessment services and screenings
- Specialized groups addressing individualized needs (trauma/grief, gambling, legal professionals, etc.)
- Specialized programs (college and career readiness, professionals, etc.)

**Caron.org**

Serving Pennsylvania for 65+ years and Florida for 30+



# CPA 2023 KEYNOTE SPEAKER

Dr. Katie Witkiewitz

FROM THE LAB TO THE CLINIC TO THE COMMUNITY:  
DISSEMINATION AND IMPLEMENTATION OF EVIDENCE BASED  
TREATMENTS



This talk will provide an overview of substance use disorder and other addictions, how addiction is particularly difficult to treat because of reactivity cycles, and how mindfulness skills may be used to increase awareness of triggers and automatic reactions in the service of reducing substance use and other addictive behaviors. Dr. Witkiewitz will discuss results from randomized clinical trials that have considered mechanisms of behavior change in models of substance use, with a specific focus on mindfulness-based interventions. She will describe ongoing work by her lab using adaptations of mindfulness-based interventions to increase dissemination and implementation of mindfulness-based programs in community settings. The talk will also discuss the importance of harm reduction, precision medicine, and considerations of social determinants of health in the treatment of substance use disorder and addictive behaviors.





## TRAINING



## EDUCATION

## RESEARCH



## OUTREACH



Jeff Burkhead

# Cofrin Logan Center

for Addiction Research  
and Treatment

*A part of the Life Span Institute at the University of Kansas*

[addiction.ku.edu](http://addiction.ku.edu)

[@addictionKU](https://twitter.com/addictionKU)

Based at the University of Kansas, the Cofrin Logan Center seeks to **understand, prevent, and treat** addiction and related disorders; **promote health and improve quality of life**; and **reduce stigma**.

The center brings together **scientists, practitioners, policy makers and students across diverse disciplines** in support of collaborative research, **education**, rigorous **academic training**, and **community-academic partnerships**.



# CPA2023 NANCY PETRY MID-CAREER AWARD WINNER

Dr. Eric R. Pedersen



Dr. Pedersen is an associate professor of Psychiatry and Behavioral Sciences in the Keck School of Medicine at the University of Southern California (USC). His research interests are primarily in the areas of young adult and veteran alcohol use, cannabis use, and co-occurring mental health disorders. Dr. Pedersen's lab at USC is the Prevention, Early Intervention, and Addictions Recovery Lab (the PEARL), which focuses on developing brief, online interventions to reduce substance misuse among college students and recently discharged veterans. He is interested in finding ways to target co-occurring Posttraumatic Stress Disorder and substance use disorders among young adults, as well as in using Internet- and mobile-based methods to help reduce substance misuse and promote treatment engagement among non-treatment-seeking veterans. Dr. Pedersen received his Ph.D. in clinical psychology from the University of Washington in 2012. He joined the faculty at USC in 2020 after working full-time as a behavioral scientist at the RAND Corporation from 2012 to 2020.

## CONTINUING EDUCATION

The Society of Addiction Psychology (SoAP) is approved by the American Psychological Association to sponsor continuing education (CE) credits for psychologists. The SoAP maintains responsibility for this program and its content. Sessions that have been approved for CE credit are indicated in the program next to session title (e.g., 1.25 CE). Please see the registration desk for more information about CE offerings at CPA2023, and the separate CE program.

## TRAVEL & REGISTRATION AWARD RECIPIENTS

### Travel Awards

#### Postdoctoral Fellow/Early Career Professional

Samuel N. Meisel, Ph.D.  
Lizabeth Benson, Ph.D.  
Marilyn L. Piccirillo, Ph.D.  
Mariel Butler, Ph.D.  
Kathryne Van Hedger, Ph.D.

#### Undergraduate/Graduate Student

Nicolas Bush, M.S.  
Julie Cristello, M.S.  
Scott King, M.A.  
Alexa L'Insalata, M.A.  
Shaddy Saba, M.A.

### Registration Awards

#### Postdoctoral Fellow/Early Career Professional

Jessica Saalfeld, Ph.D.  
Katherine Walukevich-Dienst, Ph.D.  
Alena Kuhlemeier, Ph.D.  
Neo Gebru, Ph.D.  
Christian Garcia, Ph.D.  
Matison W. McCool, Ph.D.

#### Undergraduate/Graduate Student

Katherine Vrotsos, B.A.  
Ethan S. Van, A.A.  
Jalene Herron, M.S.  
Sarah Wondra, A.A.  
Jewelina Ferguson, B.A.



## Brown University School of Public Health TRAINING IN ADDICTIONS

**Center for Alcohol and Addiction Studies | Postdoctoral Training**  
 Since 1982, CAAS has been a national and international leader in research on alcohol and drug use and dependence, and on tobacco use. Funded research ranges from laboratory investigations of mechanisms through treatment, to early intervention, to implementation science and policy. Two post-doctoral fellowship programs provide interdisciplinary research training in alcohol and substance use disorder prevention, early intervention, and treatment.

**Department of Behavioral and Social Sciences | Graduate Education**  
 Doctoral students engage in applied research related to addiction and its comorbidities with other behavioral problems and chronic diseases.

**MPH Program | Graduate Education**  
 MPH students at Brown University learn public health by doing public health and can work with experts in opioid addiction, alcohol prevention and treatment, and tobacco and marijuana prevention, treatment, and policy.

**EXPLORE** [Brown.edu/publichealth](https://Brown.edu/publichealth)



**BROWN**  
School of Public Health



**TEXAS TECH**  
UNIVERSITY.



- ✓ Funding Available
- ✓ On-campus Degree
- ✓ Virtual Open Houses
- ✓ Non-clinical Program
- ✓ Cutting-edge Research

**LEARN MORE**

**PH.D.  
ADDICTIVE  
DISORDERS &  
RECOVERY STUDIES**

## THURSDAY, March 23rd

8:00am	Registration & Continental Breakfast <b>EAST ATRIUM</b>	
9:30am	Opening Ceremony <b>ALVARADO BALLROOM E</b>	
11:00am	Novel Interventions for adolescent substance use <b>SALON A</b>	Novel Measurement and assessments for understanding addiction across diverse populations <b>SALON F</b>
12:30pm	Registration & Lunch on your own	
1:45pm	Innovative methodologies to understand and address links between pain and opioid use <b>SALON A</b>	Engaging underrepresented populations in substance use intervention and treatment <b>SALON F</b>
3:00pm	Break: COFFEE AND TEA IN <b>NORTH ATRIUM</b>	
3:15pm	Bridging the Gap to Treatment with novel methodology 1 <b>SALON A</b>	Across the spectrum of substance use: multi-modal assessment and intervention of pain and substances <b>SALON F</b>
4:30pm	Poster Session 1 & CPA Social Hour <b>ALVARADO BALLROOM D</b>	
5:30pm	Student Speed-Networking Event <b>SALON C</b>	

## FRIDAY, March 24th

8:00am	Registration & Continental Breakfast <b>EAST ATRIUM</b>	Meditation/Mindfulness session <b>SALON C</b>	
9:45am	Bridging the Gap to Treatment with Novel Methodology 2 <b>SALON A</b>	Peers and parents matter: the role of social context in adolescent substance use and recovery <b>SALON F</b>	From the lab to the clinic: basic and applied findings on co-occurring PTSD and SUDs <b>SALON C</b>
11:00am	Break: COFFEE AND TEA IN <b>NORTH ATRIUM</b>		
11:15am	Innovations in the collaborative care model to increase access to opioid use disorder treatment <b>SALON A</b>	Sociocultural and psychosocial influences on substance use in Hispanic/Latinx populations <b>SALON F</b>	Novel technology approaches applicable to special populations affected by substance use/SUD <b>SALON C</b>
12:30pm	Mentor-Mentee Lunch <b>SALON H</b>	Registration & Lunch on Your Own	
1:45pm	Clinical Round Table: Reinforcement and Life-enhancing Treatments for Addiction: Applications Across Diverse Settings and Populations <b>ALVARADO BALLROOM E</b>		CPA Division 50 advisory board and committee meeting <b>SALON C</b>
3:00pm	Break: COFFEE AND TEA IN <b>NORTH ATRIUM</b>		
3:15pm	Using technology to predict substance use, model mechanisms of change, and facilitate treatment <b>SALON A</b>	Brief innovative alcohol interventions for U.S. veterans outside of traditional treatment settings <b>SALON F</b>	Context matters: examining the impact of social context on drinking and alcohol and cannabis co-use <b>SALON C</b>
4:30pm	Poster Session 2 <b>ALVARADO BALLROOM D</b>		
5:30pm	Student and Early Career Social hour – sponsored by PUMP at Les Combes		



**SATURDAY, March 25th**

8:00am	Registration & Continental Breakfast <b>EAST ATRIUM</b>	
8:00am	Poster session 3 <b>ALVARADO BALLROOM D</b>	
9:00am	Piloting of within-person assessment of the impact of recovery community centers on members' lives <b>SALON A</b>	Occasion-specific examinations of health outcomes of drinking games participation among young people <b>SALON F</b>
10:15am	Break	
12:45pm	Advancing measurement of harm reduction and moderation substance use goals and outcomes <b>SALON A</b>	Online and offline social influences on adolescent substance use: implications for prevention <b>SALON F</b>






# Recovery Research Institute

*Enhancing Recovery Through Science*



Sign up for the  
**free monthly Recovery Bulletin**  
at [www.recoveryanswers.org](http://www.recoveryanswers.org)

 @recoveryanswers

 Recovery-Research-Institute

 Recovery Research Institute

[recoveryanswers.org](http://recoveryanswers.org)

# DETAILED PROGRAM & ABSTRACTS

## Program Chairs' Choice Paper Sessions

**Thursday, March 23<sup>rd</sup> at 3:15pm**

Atrium A

### **BRIDGING THE GAP TO TREATMENT WITH NOVEL METHDOLOGY 1 (1.25 CE)**

Chair: Jordan Davis, Ph.D.

#### **1. A NOVEL VIRTUAL REALITY PARADIGM TO INDUCE AND ASSESS OBJECTIVE CORRELATES OF NICOTINE CRAVING**

Kelly Courtney, Ph.D.; Weichen Liu, B.S.; Gianna Andrade, B.S.; Neal Doran, Ph.D.

#### **2. THERE IS NO I IN TEAM BUT THERE IS IN MI: USE OF FIRST-PERSON PRONOUNS IN MOTIVATIONAL INTERVIEWING**

Jon Houck, Ph.D.; Brigitte R. Stevens, M.S.

#### **3. DAILY SOCIAL SUPPORT AND PRESSURE TO QUIT ARE ASSOCIATED WITH TIME TO RECURRING SMOKING LAPSES**

Lizbeth Benson, Ph.D.; Emily T. Habert, Ph.D.; Audrey Montgomery, M.Ed.; Nadia Stanley, B.A.; Darla E. Kendzor, Ph.D.; David W. Wetter, Ph.D.; Michael S. Businelle, Ph.D.

#### **4. LEVERAGING ENVIRONMENT-LEVEL DATA SOURCES TO ADVANCE KNOWLEDGE OF SUBSTANCE USE AMONG AT-RISK GROUPS**

Shaddy Saba, M. S.; Jordan P. Davis, Ph.D.; John Prindle, Ph.D.; Prathik Rao, Ph.D.; Bistra Dilkina, Ph.D.; David Eddie, Ph.D.; Nina C. Christie, MPH; Graham DiGuseppi, ScM; Colin Ring, B.A.; Michael Dennis, Ph.D.; Eric R. Pedersen, Ph.D.

**Friday, March 24<sup>th</sup> at 9:45am**

Atrium A

### **BRIDGING THE GAP TO TREATMENT WITH NOVEL METHDOLOGY 2 (1.25 CE)**

Chair: Erin Deneke, Ph.D.

#### **1. RISK FOR PSYCHIATRIC HOSPITALIZATION IN THE OPIOID USE DISORDER POPULATION**

Andrew Tipping, M.A.; Paola Garcia-Egan, M.A.; Stephen Crystal, M.A., Ph.D.; Mark Olfson, MD, MPH; and Jodi Heaps-Woodruff, Ph.D.

#### **2. USING EXPLORATORY SEM TO UNDERSTAND ENVIRONMENTAL REINFORCEMENT AND ENGAGEMENT IN RISKY BEHAVIORS**

Alexa L'Insalata, M.A.; Jeffrey Girard, Ph.D.; Tera Fazzino, Ph.D.

### 3. ELECTROPHYSIOLOGICAL MARKERS OF ABERRANT CUE-SPECIFIC EXPLORATION IN HAZARDOUS DRINKERS

Ethan Campbell, M.S.

## USC Institute for Addiction Science

The nation's first university-wide transdisciplinary addiction science institute.

IAS provides infrastructure and resources to promote novel "transdisciplinary" research, education, clinical services, and community engagement to reduce addiction locally and nationally.



<https://ias.usc.edu>

Kick School of Medicine of USC USC Suzanne Dworak-Peck School of Social Work USC Mann School of Health Services USC Keck School of Medicine of USC USC Norris Comprehensive Cancer Center

Now accepting students for two new educational programs:

### Master of Addiction Science (MAS)



This inter-professional degree gives you a multi-perspective approach to understanding addiction across disciplines.

Study the nature, causes, consequences, prevention, and treatment of addiction-related problems and obtain a broader and deeper understanding and skill set that considers **addiction from the 'cell-to-society' perspective**.

Courses taught by instructors from various departments:

Pharmacy  
Social Work  
Medicine  
Education

Population & Public Health Sciences  
Psychology  
Health Policy

### Minor in Addiction Science



This minor is designed for students with interests in addiction and who plan on entering medical, pharmaceutical, social work or other graduate programs, or who are interested in pursuing a career in which a background in addiction may prove beneficial.

#### SCIENCE

The minor will provide students with a transdisciplinary approach to understanding and researching addiction science.

#### FACULTY

Courses and research are delivered from broad areas of expertise within Preventive Medicine, Pharmacy, Social Work, and Psychology.

#### EXPERIENCE

Gain real-world understanding and recognize that addictive behaviors exist within a complex environment involving commercial, economic, political and sociocultural forces.

## Symposium Sessions

Thursday, March 23rd at 11:00am

Atrium A

### **NOVEL INTERVENTIONS FOR ADOLESCENT SUBSTANCE USE (1.25 CE)**

Chair: Mariel Bello, Ph.D.

Substance use can undermine the rapid physical, cognitive, social, and behavioral maturation that characterizes adolescence. This symposium presents findings from four studies that apply novel interventions to advance early, effective intervention of adolescent substance use. Study 1 examined racial/ethnic differences in the effects of cigarette nicotine content on subjective ratings of cigarettes and tobacco withdrawal among adolescent daily smokers. Findings indicated that both very low nicotine content and normal nicotine content cigarettes may differentially reduce abuse liability and tobacco withdrawal for Asian/Pacific Islanders (API), underrepresented minorities, and White adolescents, and this effect may be heightened in API youth. Study 2 reports findings from a qualitative study of the first mobile app designed to help justice-involved youth (JIY) reduce cannabis use. JIY preferred motivation, behavior change, and social interaction app features and were open to anonymously connecting with other JIY via the app, in the absence of moderation by court staff. Study 3 tested the subjective responses and outcome expectancies throughout a pharmacotherapy clinical trial for adolescent cannabis use. Preliminary results suggest a potential decrease in positive expectancies across treatment. Additionally, baseline craving expectancies were related to less craving reduction following cannabis use, while topiramate was associated with lowered craving expectancies across treatment. Study 4 tested the preliminary effectiveness of a combined electronic parenting intervention plus counselor-assisted, motivational enhancement therapy-based electronic intervention to reduce JIY marijuana use. Despite high acceptability and feasibility ratings, reduction of substance use was limited. A more intensive intervention with stepped care may be necessary for JIY.

#### 1. RACIAL/ETHNIC DIFFERENCES IN THE EFFECTS OF REDUCED NICOTINE CONTENT AMONG ADOLESCENTS WHO SMOKE

Mariel Bello, Ph.D.; Suzanne M. Colby, Ph.D.; Jennifer W. Tidey, Ph.D.; Rachel N. Cassidy, Ph.D.

#### 2. DIGITAL ADJUNCT INTERVENTIONS TO REDUCE ADOLESCENT CANNABIS USE: DEVELOPMENT OF TECH SMARTPHONE APP

Sarah A. Helseth, Ph.D.; Melissa A Clark, Ph.D.; Nancy P Barnett, Ph.D.; Anthony Spirito, Ph.D.; Sara J Becker, Ph.D.

#### 3. THE ROLE OF EXPECTANCIES AND SUBJECTIVE RESPONSE ACROSS AN ADOLESCENT CANNABIS PHARMACOTHERAPY TRIAL

Jamie E. Parnes, Ph.D.; Hayley Treloar Padovano, Ph.D.; Robert Miranda Jr., Ph.D.

#### 4. MOTIVATIONAL ENHANCEMENT THERAPY & PARENTING INTERVENTIONS FOR MARIJUANA USING COURT-INVOLVED YOUTH

Lauren Micalizzi, Ph.D.; Kathleen Kemp, Ph.D.; Sara J. Becker, Ph.D.; Aya Cheito, Ph.D.; Nazaret C. Suazo, Ph.D.; Kara Fox, Ph.D.; Lynn Hernandez, Ph.D.; Anthony Spirito, Ph.D.



Thursday, March 23rd at 11:00am

Atrium F

**NOVEL MEASUREMENT AND ASSESSMENTS FOR UNDERSTANDING ADDICTION ACROSS DIVERSE POPULATIONS (1.25 CE)**

Chair: Adrian Bravo, Ph.D.

Discussant: Adrian J. Bravo, Ph.D.

The focus of this symposium is to present novel research examining differing types of assessment and statistical techniques in addiction research across diverse populations. Presenting data among diverse populations (e.g., gender and sexual minority populations, Native American/American Indian youth, young adults), we will discuss topics on measurement development, psychometric testing of measures, and novel statistical methods (i.e., social network analysis) among differing addiction related topics. Dr. Conner will discuss his work examining how assessing assigned sex, gender identity, and sexual orientation under a single LGBTQ++ umbrella has hindered our ability to understand substance use and consequences among individuals who identify with one or more of these marginalized identities and how disambiguating this heterogeneous group into more homogenous subgroups allows for a better understanding of intricate relations among these identities that serve as risk and protective substance use factors. Ms. Katie Berry will discuss her systematic review examining methodological issues in the assessment of food and alcohol disturbance (FAD) literature, with a focus on the motivations underlying FAD. Dr. Prince will discuss his work examining the factor structure of the racial-ethnic self-stigma scale among Native American youth as well as how facets of this scale predict alcohol and cannabis use in this population. Dr. Braitman will discuss her work examining the predictive value of social networks of important people in predicting young adult drinking. Finally, Dr. Bravo will integrate these talks and discuss the importance of appropriate methods assessments and statistical modeling to move the addiction field forward.

**1. DISAMBIGUATING SEXUAL ORIENTATION AND GENDER IDENTITY TO BETTER INFORM ADDICTION SCIENCE**

Bradley T. Conner, Ph.D.; Thomas Schlechter; Mark A. Prince Ph.D.; Brian Borsari, Ph.D.; Annesa Flentje, Ph.D.

**2. METHODOLOGICAL ISSUES IN THE ASSESSMENT OF FOOD AND ALCOHOL DISTURBANCE: A SYSTEMATIC REVIEW**

Katherine A. Berry, B.A.; Emily M. Choquette Ph.D.; Diana Rancourt Ph.D.; EmmaJo Briles; Alison Looby, Ph.D.

**3. ALCOHOL, CANNABIS, AND RACIAL-ETHNIC SCHEMA AMONG NATIVE AMERICAN YOUTH**

Mark A. Prince, Ph.D.; Meghan A. Crabtree; Noah N. Emery Ph.D.; Randall C. Swaim Ph.D.; Linda R. Stanley

**4. PREDICTIVE VALUE OF SPECIFIC SOCIAL NETWORK ANALYSIS ON COLLEGE DRINKING: BEYOND NON-SPECIFIC NORMS**

Abby Braitman, Ph.D.; Megan Strowger M.S.; Jennifer Shipley M.S., M.P.H.; Rachel Ayala Guzman B.S.

Thursday, March 23rd at 1:45pm

Atrium A

**INNOVATIVE METHODOLOGIES TO UNDERSTAND AND ADDRESS LINKS BETWEEN PAIN AND OPIOID USE. (1.25 CE)**

Chair: Cornelius Groenewald, MD

Discussant: Antoinette Spector, Ph.D.

According to CDC estimates, opioid overdose deaths remain a leading cause of injury-related mortality in the United States in 2022. The main motivation for individuals to start opioid misuse, continue on a trajectory of opioid use disorder, and overdose is self-management of poorly controlled acute and chronic pain. Therefore, understanding, managing, and treating pain is critical to halting the opioid crisis. This symposium will discuss novel and diverse methodologies aimed at understanding the links between pain and opioid use/substance use behaviors. First, Dr. Cornelius Groenewald will present data from an ongoing perspective cohort study using ecological momentary assessment methods to estimate associations between pain, sleep disturbance, and opioid use following surgery in adolescents. Second, Dr. Patrick Quinn will present research using a large national database describing associations between chronic pain conditions and substance use behaviors. Third, Dr. Pielech will present findings from a study utilizing qualitative methodologies and stakeholder engagement to inform development of a novel brief intervention co-targeting substance use and pain before oral surgery. Fourth, Eleanor Battison will present longitudinal findings that compare different strategies for collecting opioid use and pain data from youth following opioid prescription for acute pain. Finally, the session will conclude with an integrative discussion among the presenters and audience led by Dr. Antoinette Spector.

**1. ECOLOGICAL MOMENTARY ASSESSMENT OF SLEEP DISTURBANCE, PAIN, AND OPIOID USE FOLLOWING SURGERY IN ADOLESCENCE**

Cornelius Groenewald, MD

**2. CHRONIC NON-CANCER PAIN CONDITIONS AND SUBSTANCE USE PROBLEM. S.: A PROSPECTIVE, POPULATION-BASED STUDY**

Patrick D. Quinn, Ph.D.; Alynna G. Summit MA, Cen Chen M.S.; Erik Pettersson Ph.D.

**3. STAKEHOLDER GUIDED DEVELOPMENT OF A BRIEF INTERVENTION FOR YOUTH SUBSTANCE USE AND PAIN**

Melissa Pielech, Ph.D.; Hailey Dorsainvil Ph.D.; Jasper Yeh Ph.D.; Elizabeth Benz Ph.D.; Robert Miranda Ph.D.

**4. METHODOLOGICAL CONSIDERATIONS FOR STUDYING PRESCRIPTION OPIOID USE PATTERNS IN YOUTH**

Eleanor Battison, M.S.; Emily Kenyon M.A.; Sarah W. Feldstein Ewing, Ph.D.; Anna C. Wilson, Ph.D.

Thursday, March 23rd at 1:45pm

Atrium F

**ENGAGING UNDERREPRESENTED POPULATIONS IN SUBSTANCE USE INTERVENTION AND TREATMENT (1.25 CE)**

Chair: Mary Beth Miller, Ph.D.

Discussant: Seema Clifasefi, Ph.D., M.S.W

Individuals who experience problems related to alcohol or other drug use rarely seek substance use treatment. The stigma associated with addiction treatment tends to be greater than that for other mental health conditions (e.g., anxiety) and is significantly greater than that for medical conditions (e.g., cancer). This makes prevention and treatment of substance-related problems difficult in general, but especially among minoritized groups who may be more vulnerable to negative substance-related outcomes for other reasons (e.g., experiences of discrimination, limited time for or access to care). Consistent with CPAs theme of bridging the gap to treatment in addiction science, this symposium will discuss strategies for engaging underrepresented populations in substance use intervention and treatment and modifying approaches to address their unique needs. All presenters were recipients of Division 50s Early Career Psychologist research grant and are presenting their project results. Dr. Lopez will describe contextual influences on heavy drinking among bisexual+ women with sexual assault histories. Dr. Yurasek will then discuss parents' perceptions of and recommendations for a behavioral economic brief intervention for truant youth who also use substances. Finally, Dr. Miller will compare the feasibility and initial efficacy of insomnia treatment as an engagement and harm reduction strategy among adults who are and are not seeking substance use treatment. Findings from these studies can be used to inform treatment, improve outcomes, and potentially increase access to substance use interventions for under-represented populations. Dr. Clifasefi will close as discussant, focusing on overarching research and clinical implications and future directions.

**1. HEAVY DRINKING ANTECEDENTS AMONG BISEXUAL+ WOMEN WITH SEXUAL ASSAULT HISTORIES**

Gabriela Lopez, Ph.D.; Holly Boyle Ph.D.; Melissa Pielech, Ph.D.; Samyukta Singh, MPH; Sofia Gerlein; Charlotte Jewell; Jennifer E. Merrill, Ph.D.

**2. PARENT PERCEPTIONS OF A BEHAVIORAL ECONOMIC INTERVENTION FOR ADOLESCENT SUBSTANCE USE AND TRUANCY**

Ali M. Yurasek, Ph.D.; Cristiana N. De Paula Arajao, Ph.D., & Ricarda K. Foxx, Ph.D.

**3. CBT FOR INSOMNIA AS A HARM REDUCTION STRATEGY FOR ADULTS SEEKING AND NOT SEEKING ADDICTION TREATMENT**

Mary Beth Miller, Ph.D.; Lindsey K Freeman M.S.; Nicole A Hall B.A.; Christina S McCrae, Ph.D.

Thursday March 23rd at 3:15pm

Atrium F

**ACROSS THE SPECTRUM OF SUBSTANCE USE: MULTI-MODAL ASSESSMENT AND INTERVENTION OF PAIN AND SUBSTANCES (1.25 CE)**

Chair: Nicholas Bush, M.S.

Discussant: Jeff Boissoneault, Ph.D.

Pain and substance use are both highly prevalent and often co-occurring conditions. Pain can serve as both a motivator for substance use and as a barrier for treatment. Despite their co-occurrence, there is limited knowledge on how to properly assess and flag patients at risk for self-medication of pain with substance use. In addition, only 18.8% of substance use treatment facilities have programs that treat co-occurring pain. Thus, there is a gap between assessment and integrated treatment. We present the results of several multi-modal studies that span the spectrum of substance use and pain assessment and treatment. The first study describes an empirically derived 14-item measure to assess risk factors of self-medication of pain with substance use and preliminary validity across several different substances. The second study highlights the effect of depression on prescription opioid use in individuals with chronic pain through ecological momentary assessment methods. The third study showcases preliminary results and acceptability of a novel cognitive bias modification intervention of pain and opioid cues using a brief, computer-based task. The results support the preliminary efficacy that the intervention is associated with lower levels of attentional bias for pain cues. Lastly, the fourth study will highlight the translational research framework for developing a novel motivational pain and smoking intervention. Results revealed a reduction in participants' motivation for use and was viewed as better meeting their needs. Our analyses showcase the different multi-modal methodologies within the field and provide novel results regarding assessment of patient risk and new intervention development.

**1. FROM THEORY TO CLINICAL MEASURE: RISK ASSESSMENT OF SELF-MEDICATION OF PAIN WITH SUBSTANCE USE**

Nicholas Bush, M.S.; Erin Ferguson M.S.; Emily Zale Ph.D.; Jeff Boissoneault, Ph.D.

**2. THE IMPACT OF DEPRESSION ON CHRONIC PAIN, NEGATIVE AFFECT, AND PRESCRIBED OPIOID USE IN DAILY LIFE**

Ryan Carpenter, Ph.D.; Joanne Salas MPH; Matthew Amick M.A.; Lauren Wilson, M.S.W; Scott Secrest, MPH; Whitney Davidson, B.A.; Jeffrey F. Scherrer, Ph.D.

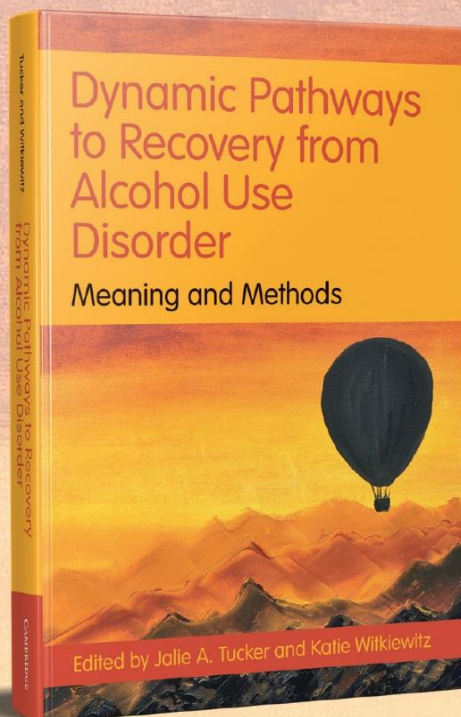
**3. FROM RESEARCH TO TREATMENT: PARTICIPANT EVALUATION OF A NOVEL INTERVENTION FOR SMOKERS IN PAIN**

Emily Zale, Ph.D.; Lisa R. Rowe, PH.D.; Joesph W. Ditre, Ph.D.

**4. INTEGRATING COGNITIVE BIAS MODIFICATION FOR PAIN AND OPIOID CUES INTO MOUD CLINICAL CARE**

R. Ross Maclean, Ph.D.





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# Journal of Studies on Alcohol and Drugs

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Editor:

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CENTER OF ALCOHOL & SUBSTANCE USE STUDIES

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Friday, March 25<sup>th</sup> at 9:45am

Atrium F

**PEERS AND PARENTS MATTER: THE ROLE OF SOCIAL CONTEXTS IN ADOLESCENT SUBSTANCE USE AND RECOVERY (1.25 CE)**

Chair: Samuel N. Meisel, Ph.D.

Discussant: Dana M. Litt, Ph.D.

Social influences, such as peers and parents, are most salient during the developmental period of adolescence; understanding their role in the initiation, escalation, and treatment of adolescent substance use is critical for enhancing prevention and intervention efforts. Using a diverse array of samples, methods, and time scales, this symposium focuses on the link between interpersonal factors and adolescent substance use and recovery. Collectively, these studies intend to inform how to harness salient adolescent social influences to improve youth substance use treatments, which demonstrate smaller effects than adult treatments. First, Dr. Scalco will present how multiple social contexts interact with temperament to predict alcohol use across adolescence (N=765). Second, Dr. Meisel will discuss differences in youth alcohol craving based on their age and the presence or absence of peers in the laboratory and natural environment, using ecological momentary assessment (N=115). Third, Dr. Thomas will review findings from a diverse sample of adolescents hospitalized psychiatrically (N=400) regarding their adverse childhood experiences and engagement in risky substance use, while evaluating how social support moderates these associations. Fourth, Dr. Hennessy will discuss social recovery capital in a sample of adolescents in different recovery settings (N=28), as depicted by the visualization of their social groups and their behaviors and characteristics (e.g., conflict), through social identity mapping. Finally, discussant Dr. Litt, an expert on the role of social contexts in relation to adolescent substance use, will place these studies in a broader developmental context and discuss implications for prevention and intervention, and directions for future research.

**1. SOCIAL CONTEXT, TEMPERAMENT, THEIR INTERACTION, AND ONSET OF ADOLESCENT ALCOHOL USE DISORDER**

Matthew D. Scalco, Ph.D.; Caroline Wisell, M.S.; Yuliya Kotelnikova, Ph.D.; Amber Carpenter, M.S.; Sam Meisel, Ph.D.; Craig Colder, Ph.D.

**2. PEER ELICITED ALCOHOL CRAVING IN YOUTH: BRIDGING THE LABORATORY AND NATURAL ENVIRONMENT**

Sam Meisel, Ph.D.; Hayley Treloar Padovano, Ph.D.; Melissa Pielech, Ph.D.; Kimberly Goodyear, Ph.D.; Robert Miranda Jr., Ph.D.

**3. SOCIAL SUPPORT, ADVERSE CHILDHOOD EXPERIENCES, AND DRUG USE AMONG ADOLESCENT PSYCHIATRIC INPATIENTS**

Sarah Thomas, Ph.D.; Elizabeth Thompson, Ph.D.; Micaela Maron, B.S.; Samuel N. Meisel, Ph.D.; Jennifer Wolff, Ph.D.

**4. USING SOCIAL IDENTITY MAPPING TO EXAMINE SOCIAL NETWORKS OF YOUTH ENGAGED IN RECOVERY SUPPORTS**

Emily A. Hennessy, Ph.D.; Sophia Blyth; Agata Pietrzak, B.A.; Mark Litt, Ph.D.; John F. Kelly, Ph.D.; David Best, Ph.D.

Friday, March 24<sup>th</sup> at 9:45am

Atrium C

**FROM THE LAB TO THE CLINIC: BASIC & APPLIED FINDINGS ON CO-OCCURRING PTSD & SUDS (1.25 CE)**

Chair: Colin T. Mahoney, Ph.D.

Discussant: Michael Amlung, Ph.D.

Posttraumatic stress disorder (PTSD) and substance use disorders (SUDs) are highly likely to co-occur and are associated with a myriad of negative outcomes including medical and psychiatric comorbidities, more suicide attempts, as well as worse treatment outcomes. Given the sheer number of individuals that experience these two disorders and their associated negative sequelae, it is imperative to understand the extent of their co-occurrence and potential evidence-based approaches for intervention. This symposium showcases empirical findings focused on cross-sectional and temporal associations between PTSD and SUD symptoms, longitudinal trajectories of PTSD/SUD co-occurrence during the course of trauma-focused treatment, and an integrated model of treatment that addresses both PTSD and opioid use disorder (OUD). First, Dr. Herry Patel will explore cross-sectional associations between PTSD symptoms and alcohol-, cannabis-, and illicit drug-related problems using SEM across 3 samples. Second, Dr. Nicole Weiss will discuss concurrent and proximal relations between PTSD symptom clusters and cannabis use via EMA among women survivors of intimate partner violence. Third, Dr. Colin Mahoney will describe prospective trajectories of individuals with co-occurring PTSD/SUD on psychiatric difficulties using growth mixture modeling within a large sample of Veterans in an RCT comparing prolonged exposure (PE) therapy to cognitive processing therapy (CPT). Lastly, Dr. Kelly Peck will present data examining the feasibility and initial efficacy of a novel protocol targeting PE attendance and PTSD symptoms in individuals with co-occurring PTSD/OUD. Dr. Michael Amlung will discuss the findings, including potential pathways for clinicians and researchers to attenuate distress and impairment from these co-occurring disorders.

**1. CHARACTERIZING TRAUMA AND SUBSTANCE USE ASSOCIATIONS AMONG CLINICAL AND SUBCLINICAL SAMPLES**

Herry Patel, Ph.D.

**2. ECOLOGICAL INVESTIGATION OF THE CO-OCCURRENCE OF PTSD AND CANNABIS USE AMONG WOMEN EXPERIENCING IPV**

Nicole H. Weiss, Ph.D.; Noam G. Newberger, M.A.; Silvi C. Goldstein, M.A.; Emmanuel D. Thomas, M.A.; Jewelia J. Ferguson, B.A.; Shannon R. Forkus, M.A.

**3. GROWTH MIXTURE MODELING OF CO-OCCURRING TRAJECTORIES OF PTSD & SUDS DURING TRAUMA-FOCUSED TREATMENT**

Colin T. Mahoney, Ph.D.; Samantha J. Moshier, Ph.D.; Nicholas A. Livingston, Ph.D.; Kelly E. Dixon M.A.; Terry M. Keane Ph.D.; Brian P. Marx, Ph.D.

**4. PROLONGED EXPOSURE THERAPY FOR PTSD IN INDIVIDUALS WITH CONCURRENT OPIOID USE DISORDER**

Kelly Peck, Ph.D.; Rebecca Cole, B.A.; Jillian Giannini, B.S.; Gary Badger, M.S.; Letizia Mosca, B.A.; Stacey Sigmon, Ph.D.



**Friday, March 24th at 11:15am**

Atrium A

**INNOVATIONS IN THE COLLABORATIVE CARE MODEL TO INCREASE ACCESS TO OPIOID USE DISORDER TREATMENT (1.25 CE)**

Chair: Karen Chan Osilla, Ph.D.

Discussant: Pooné Haghani Tehrani, MD

Collaborative care approaches are an innovative method for treating opioid use disorder (OUD). This symposium presents four pragmatic randomized trials of collaborative care for OUD in diverse community health settings. Dr. Harris will describe the Whole Health Study, which compares collaborative care for OUD and co-occurring psychiatric disorders (with and without the supplement of peer support) versus usual care in primary care clinics in Pennsylvania. She will present on their model and experiences integrating a peer recovery specialist. Dr. Christensen will describe the CLARO trial, which compares usual care to collaborative care for OUD and depression/PTSD. CLARO utilizes community support workers in community health clinics in New Mexico. He will present on qualitative data from clinic providers and staff about their experiences and how it differs from existing approaches for this population. Dr. Huerta will describe the START trial, which tests collaborative care for OUD in hospitals in New Mexico, Massachusetts, and California. He will present a patient case study and how the START team navigated organizational systemic barriers regarding this patient's linkage to OUD treatment. Dr. Bradley will describe results of the PROUD trial--an implementation trial of the Massachusetts Model of nurse care management for OUD in primary care, in six health diverse systems--across patient age, sex, and race/ethnicity. Together, this panel will present pragmatic examples of collaborative care for OUD to guide future implementation. Our discussant, Dr. Haghani Tehrani, who is actively involved in integrated care for co-occurring disorders at the University of New Mexico will synthesize the discussion and offer future directions.

**1. INTEGRATING PEER SUPPORT SERVICES INTO PRIMARY CARE BASED OUT TREATMENT: LESSONS FROM WHOLE HEALTH**

Rebecca Harris MD, Patrick Dooley, Kyle Kampman MD, Hilary Bogner MD, Yuhua Bao PhD, Kristen Campbell MPH, Zuleyha Cidav PhD, Donna Coviello PhD, Rachel French PhD, Margaret Lowenstein MD, Kevin Lynch PhD, James McKay PhD, Courtney Benjamin Wolk PhD, David Oslin MD, Tara Calderbank, Heather Asperom Jessica Maginnis, Nicole O'Donnell, David S. Mandell ScDII

**2. COLLABORATION FOR TREATMENT OF OPIOID USE DISORDER AND CO-OCCURRING DISORDERS IN COMMUNITY HEALTH**

Jasen Christensen, DO; Lizeth Cueto B.S.; Grace Hindmarch B.S.; Miriam Komaromy, MD; Katherine E. Watkins, MD; Karen Chan Osilla, Ph.D.

**3. START: UTILIZING COLLABORATIVE CARE TO TREAT HOSPITALIZED PATIENTS WITH OPIOID USE DISORDER**

Sergio Huerta, MD; Gus Carillo, LMSW; Kimberly Page, Ph.D.; Cristina Murray-Krezan, Ph.D.; Peter D Friedmann, B.S.; Allison Ober, Ph.D.; Itai Danovitch, MD

**4. PRIMARY CARE OPIOID USE DISORDERS TREATMENT (PROUD) TRIAL: A CLUSTER-RANDOMIZED IMPLEMENTATION TRIAL**

Katharine Bradley, MD; Abigail Matthews; Jennifer Bobb; Jennifer McCormack; Paige Wartko; David Liu; Cynthia Campbell; Jeffrey Samet; Andrew Saxon



Friday, March 24th at 11:15pm

Atrium F

**SOCIOCULTURAL AND PSYCHOSOCIAL INFLUENCES ON SUBSTANCE USE IN HISPANIC/LATINX POPULATIONS (1.25 CE)**

Chair: Ellen L. Vaughan, Ph.D.

Discussant: Jennifer B. Unger, Ph.D.

Hispanic/Latinx communities remain underrepresented in the substance use literature and experience significant disparities in substance use outcomes and access to care. Thus, this symposium will present contemporary issues and research findings related to substance use among Hispanic/Latinx populations. This first presentation will provide an overview of the sociocultural factors associated with alcohol use in Hispanic populations with attention to moderators and mediators of such associations. The 2nd presentations will focus in on Latino men who have sex with men with a focus on psychosocial and community related risk and protective factors for substance use. The 3rd presentation will attend to nicotine vaping products among Hispanic youth during the COVID-19 pandemic. The final presentation will report on associations between sexual assault and substance use from a large sample of Latina college students. Together these presentations will provide the audience with up-to-date empirical findings on the sociocultural and psychosocial factors related to substance among Hispanic/Latinx populations. The presentations will attend to implications for prevention, intervention, and future research.

1. ALCOHOL USE AMONG HISPANICS: CONSIDERING THE ROLES OF SOCIOCULTURAL STRESSORS

Miguel Cano, Ph.D.

2. SEXUAL IDENTITY, GENDER NORMS, HEALTH CARE AND SUBSTANCE USE AMONG LATINO MEN WHO HAVE SEX WITH MEN

Frank Dillon, Ph.D.; Austin Eklund, Ph.D.; Melissa M. Ertl, Ph.D.; Ryan Ebersole, Ph.D.

3. THE USE OF NICOTINE VAPING PRODUCTS AMONG HISPANIC YOUTH PRIOR TO AND DURING THE COVID-19 PANDEMIC

Marcel de Dios, Ph.D.

4. SEXUAL ASSAULT AND SUBSTANCE USE AMONG LATINA COLLEGE STUDENTS

Ellen L. Vaughan, Ph.D.; Natalie J. Otte, Ph.D.; Patricia D. Gonzalez, Ph.D.; Quillian Murphy, Ph.D.; Nayely Gonzalez, Ph.D.

Friday, March 24th at 11:15pm

Atrium C

**NOVEL TECHNOLOGY APPROACHES APPLICABLE TO SPECIAL POPULATIONS AFFECTED BY SUBSTANCE USE/SUD (1.25 CE)**

Chair: Ludmila Bakhireva, MD, Ph.D.

Discussant: Ludmila Bakhireva, MD, Ph.D.

There is an increasing interest in wearable and wireless technologies and applications for assessment and treatment of substance use disorders (SUD). The COVID-19 pandemic dramatically increased the use of these novel technologies as they offer remote and non-invasive data collection as well as real-time monitoring and rapid response. Broadly grouped under digital health, these modalities are being incorporated into treatment of SUD, diagnostic approaches, and monitoring of clinical endpoints and adherence to treatment. However, utilization of digital health in special populations are in the formative stages. The objectives of this symposium are to present barriers and facilitators of using digital health technologies in special populations, such as Hispanic/Latinx and American Indian pregnant patients who use drugs, infants affected by prenatal substance exposure, and people who inject drugs (PWID) with comorbidities. Emerging digitally derived data obtained from these special populations will also be presented. Specifically, use of mobile ecological momentary assessment (mEMA) in pregnant women to monitor substance use, recruitment and retention of special populations in mEMA studies, utilization of a wearable device to measure heart rate variability (HRV) in conjunction with mEMA, assessment of HRV in infants with prenatal substance exposures during the first days of life, and an asynchronous video platform to monitor adherence to therapy in PWID will be discussed. The symposium will highlight challenges of working with these unique populations in the context of collecting digital health data and strategies to overcome these challenges. Both qualitative, including from the patient perspective, and quantitative results will be discussed.

**1. VIDEO DIRECTLY OBSERVED THERAPY AS A TOOL TO SUPPORT HVC TREATMENT ADHERENCE IN PEOPLE WHO USE DRUGS**

Kimberly Page, Ph.D.; Karasz A, Heo M, Litwin A, on behalf of the HERO Study Group

**2. RECRUITMENT AND RETENTION OF DIVERSE PREGNANT PARTICIPANTS WHO USE DRUGS FOR EMA**

Pilar Sanjuan, Ph.D.; Korinna Christian; Matthew Pearson, Ph.D.; Lawrence Leeman, MD

**3. INFANT HRV AS AN EARLY MARKER OF PHYSIOLOGICAL DYSREGULATION**

Jessie Maxwell, MD; J Stephen; J DiDomenico; SS Beauman; CB Lacy; EC Kuan; R Rai; DE Rodriguez; LK Stacy; L Enriquez Marquez; SW Jacobson; J Weinberg; LN Bakhireva

**4. CHARACTERIZING SUBSTANCE USE PATTERNS AND AUTONOMIC DYSREGULATION IN PREGNANT AND POSTPARTUM WOMEN**

Sharon Ruyak, Ph.D.; Melissa H. Roberts, Ph.D.; Stephanie Chambers, MPH; Xingya Ma, M.S.; Jared DiDomenico, M.S.; Richard De La Garza II, Ph.D.; Ludmila Bakhireva, Ph.D.



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Friday, March 24<sup>th</sup> at 3:15pm

Atrium A

**USING TECHNOLOGY TO PREDICT SUBSTANCE USE, MODEL MECHANISM. S. OF CHANGE, AND FACILITATE TREATMENT (1.25 CE)**

Chair: Marilyn L. Piccirillo, Ph.D.

Discussant: Robert Miranda Jr, Ph.D.

Technology-based methods and applications have greatly increased the ecological validity of research on substance use disorder (SUD) and the accessibility of SUD treatment. Experience sampling methods (ecological momentary assessment; EMA, interactive voice response; IVR) can assess dynamic changes as they occur in an individual's daily life, improving the ecological validity of clinically relevant constructs and our understanding of treatment mechanisms. Finally, digital mental health interventions can improve accessibility and facilitate engagement in SUD care. This symposium includes four studies that feature a range of technology-based methods to examine questions related to measurement, risk prediction, treatment mechanisms, and digital mental health implementation. First, Victoria Votaw will present work using EMA to examine the ecological validity of a novel measure of reward and relief drinking. Madelyn Frumkin will discuss early warning signals for persistent opioid use following spine surgery using preoperative and acute postoperative dynamic data collected using EMA and Fitbit. Dr. Marilyn Piccirillo will present the results from a treatment mechanism. study demonstrating shared and person-specific effects of topiramate response on daily drinking as measured using IVR. Finally, Dr. Tessa Frohe will present a qualitative analysis of patient perspectives towards using a digital measurement-based care system incorporated into outpatient community SUD treatment. Our discussant, Dr. Robert Miranda, will lead a discussion on technology-based methods for studying substance use and treatment. We will identify the unique value, review the challenges, and discuss recommendations for using these methods to study substance use, improve our understanding of treatment mechanisms, and facilitate engagement in SUD care.

**1. DOES THE REWARD AND RELIEF INVENTORY OF DRINKING SITUATIONS PREDICT ALCOHOL CRAVING PROCESSES?**

Victoria R. Votaw, M.S.; Matthew R. Pearson, Ph.D.; Katie Witkiewitz, Ph.D.

**2. USING DYNAMIC DATA TO DETECT EARLY WARNING SIGNALS OF PERSISTENT OPIOID USE AFTER SPINE SURGERY**

Madelyn R. Frumkin, M.A.; Jacob K. Greenberg, MD, MSCI; Saad Javeed, MBBS; Justin K. Zhang, B.S.; Ziqi Zu, B.A.; Jingwen Zheng, M.S.; Chenyang Lu, Ph.D.; Wilson Z. Ray, MD; Thomas L. Rodebaugh, Ph.D.

**3. USING TECHNOLOGY TO MEASURE MECHANISMS OF CHANGE: EXAMINING TOPIRAMATE TREATMENT RESPONSE USING IVR**

Marilyn L. Piccirillo, Ph.D.; Victoria Votaw, M.A.; Katie Witkiewitz, Ph.D.; Henry Kranzler, MD; Katherine T. Foster, Ph.D.

**4. MEASUREMENT-BASED CARE (MBC) IN SUBSTANCE USE DISORDER TREATMENT**

Tessa Frohe, Ph.D.; Eliza B. Cohn, MSW; Kevin A. Hallgren, Ph.D.

**Friday, March 24th at 3:15pm**

Atrium F

**BRIEF INNOVATIVE ALCOHOL INTERVENTIONS FOR U.S. VETERANS OUTSIDE OF TRADITIONAL TREATMENT SETTINGS (1.25 CE)**

Chair: Eric R. Pedersen, Ph.D.

Discussant: Brian Borsari, Ph.D.

**1. PILOT TEST OF A MINDFULNESS-BASED RELAPSE PREVENTION APP FOR ALCOHOL USE AND PTSD IN VETERANS**

Eric R. Pedersen, Ph.D.; Jordan Davis, Ph.D.; Angeles Sedano, M.A.; Sarah Bowen, Ph.D.; Jason Owen, Ph.D.; Shaddy Saba, M.A.; Denise Tran, Ph.D.; Reagan Fitzke, B.S.; Joannalyn Delacruz, Ph.D.; Keegan Buch, B.A.; Brian Borsari, Ph.D.

**2. USABILITY AND ACCEPTABILITY OF A MOBILE APP FOR SELF-MANAGEMENT OF UNHEALTHY ALCOHOL USE**

Eric J. Hawkins, Ph.D.; Anissa Danner, M.S.W; Aline Lott, M.A.; Carol Malte, M.S.W; Patrick Dulin, Ph.D.; John Fortney, Ph.D.; George Sayre, PsyD; John Baer, Ph.D.

**3. INNOVATIONS IN ALCOHOL USE SELF-MANAGEMENT FOR U.S. MILITARY VETERANS: THE STAND DOWN MOBILE APP AND PEER SUPPORT**

Daniel M. Blonigen, Ph.D.; Eric Hawkins, Ph.D., Eric Kuhn, Ph.D., Christine Timko, Ph.D., Patrick Dulin, Ph.D., Kyle Possemato, Ph.D.

**4. RESULTS FROM AN RCT OF COGNITIVE BEHAVIORAL THERAPY FOR INSOMNIA AMONG VETERANS IN ALCOHOL TREATMENT**

Lindsey K. Freeman, M.A.; Ryan Carpenter, Ph.D.; Shira Dunsiger, Ph.D.; John McGeary, Ph.D.; Brian Borsari, Ph.D.; Christina McCrae, Ph.D.; J. Todd Arnedt, Ph.D.; Paul Korte, Ph.D.; Jennifer E. Merrill, Ph.D.; Kate B. Carey, Ph.D.; Jane Metrik, Ph.D.; Mary Beth Miller, Ph.D.

**Friday, March 24th at 3:15pm**

Atrium C

**CONTEXT MATTERS: EXAMINING THE IMPACT OF SOCIAL CONTEXT ON DRINKING AND ALCOHOL AND CANNABIS CO-USE (1.25 CE)**

Chair: Scott E. King, M.A.

Discussant: Kristina Jackson, Ph.D.

Alcohol misuse confers significant risk for negative outcomes, and the addition of cannabis confers unique risk beyond the use of either substance individually. Such risk is significantly impacted by the social context in which these substances are used. This symposium sets out to investigate the impact of social context on the use of alcohol and the co-use of alcohol and cannabis. First, Mr. Scott King will discuss the impact of social context on drinking quantity in a sample of solitary and social drinkers. Mr. King found that, although social drinking conferred equal risk regardless of social drinking frequency, more frequent solitary drinkers drank more when drinking alone. Second, Mr. Samuel Acuff will discuss the impact of drinking in social contexts using data from several multimethod studies. Mr. Acuff results demonstrate that social drinking dramatically

increased alcohol-related reward and that social drinking may represent a within-person risk factor rather than between. Third, Mr. Jack Waddell will discuss contextual influences on subjective responses to co-use. Mr. Waddell demonstrated that the rewarding effects of substance use may be heightened when individuals co-use alcohol and cannabis in a solitary setting. Finally, Dr. Rachel Gunn will discuss relations among context, co-use, and craving. Dr. Gunn found that craving for alcohol dynamically interacts with co-use, such that craving is one such mechanism through which social substance use confers risk. Together these talks will describe the context in which substances are used, and how context imparts increased risk for heavier consumption via multiple mechanisms.

1. EXAMINING THE IMPACT OF DRINKING IN SOCIAL SETTINGS ON ALCOHOL USE IN YOUNG ADULT SOLITARY DRINKERS

Scott E. King, M.A.; Jack T. Waddell, M.A.; William R. Corbin, Ph.D.

2. RELATIONS AMONG SIMULTANEOUS USE, DRINKING CONTEXT, AND SUBJECTIVE RESPONSE DURING DRINKING EPISODES

Jack T. Waddell, M.A.; William R. Corbin, Ph.D.; Kevin J. Grimm, Ph.D.; Jane Metrik; Christine M. Lee, Ph.D.; Timothy J. Trull, Ph.D.

3. EVENT-LEVEL EFFECTS OF THE PRESENCE OF OTHERS ON SUBJECTIVE RESPONSES TO ALCOHOL IN REAL TIME

Samuel F. Acuff, M.S.; Hayley Treloar Padovano, Ph.D.; Ryan Carpenter, Ph.D.; Noah Emery, Ph.D.; Robert Miranda Jr., Ph.D.

4. IMPACT OF SIMULTANEOUS ALCOHOL AND CANNABIS USE AND SOCIAL CONTEXT ON ALCOHOL CRAVING AND USE

Rachel Gunn, Ph.D.; Jane Metrik, Ph.D.; Nancy P. Barnett, Ph.D.; Kristina M. Jackson, Ph.D.; Sharon Lipperman-Kreda, Ph.D.; Robert Miranda Jr., Ph.D.; Timothy J. Trull, Ph.D.



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**Saturday, March 25<sup>th</sup> at 9:00am**

Atrium A

### **PILOTING OF WITHIN-PERSON ASSESSMENT OF THE IMPACT OF RECOVERY COMMUNITY CENTERS ON MEMBERS' LIVES (1.25 CE)**

Chair: H. Harrington Cleveland, Ph.D., J.D.

Discussant: Amy A. Mericle, Ph.D.

Recovery Community Centers (RCCs) provide a range of services from access to recovery meetings, opportunities to work with peer support specialists, assistance in addressing mental health needs, and, just as important, a place to belong. This symposium reports on a pilot project funded through the Recovery Research Institute (1R24DA051988-01, Kelly & Hoepfner). This project “Piloting Within-Person Assessment of Recovery Community Centers (RCCs) Project” developed and implemented a 10-day, end-of-day survey protocol to assess RCCs impact on members’ recovery. Analyses used for this submission are based on 72 respondents drawn from four RCCs. Paper one describes the collaborative development of data collection procedures and materials with RCC staff and members. Paper two presents information on data collection compliance and reliability and validity of key recovery constructs: Negative affect, positive affect, and recovery identity. Paper three presents information on the use of different RCC services, and the heterogeneity in how different members use RCCs. Paper four presents analyses investigating the impact of daily involvement with RCCs on members’ within-day association between negative affect and subjective



cravings. Discussion will focus on the role of within-person data in both understanding how RCCs impact the dynamic processes that underlie recovery and providing actionable feedback to RCC staff on the impact of their recovery support programs.

1. DEVELOPMENT AND PILOTING OF WITHIN-PERSON RECOVERY CENTER DATA COLLECTION MATERIALS AND PROTOCOLS

Wen Ren, M. S.; Eric D. Harrison, B.S.; Hannah B. Apsley, M. S.; Kyler S. Knapp, Ph.D.; Erik R. Dolgoff, Med; Joseph H. Lancaster, M.S.; H. H. Cleveland, Ph.D., J.D.

2. PROTOCOL COMPLIANCE AND DATA QUALITY FROM THE WITHIN-PERSON ASSESSMENT OF RECOVERY COMMUNITY CENTERS

Kyler S. Knapp, Ph.D.; Joseph H. Lancaster, M.S.; Wen Ren, M.S.; H. H. Cleveland, Ph.D., J.D.

3. A LATENT CLASS APPROACH TO UNDERSTANDING SERVICES RECEIVED AT RECOVERY COMMUNITY CENTERS

Hannah B. Apsley, M.S.; Eric D. Harrison, B.S.; H.H. Cleveland, Ph.D., J.D.

4. DEVELOPMENT AND PSYCHOMETRIC TESTING OF THE OPIOID PROTECTIVE BEHAVIORAL STRATEGIES SCALE

Joseph Lancaser, M.S.; Wen Ren, M.S.; H.H. Cleveland, Ph.D., J.D.

**Saturday, March 25th at 9:00am**

Atrium F

**OCCASION-SPECIFIC EXAMINATIONS OF HEALTH OUTCOMES OF DRINKING GAMES PARTICIPATION AMONG YOUNG PEOPLE (1.25 CE)**

Chair: Kathryn Van Hedger, Ph.D.

Discussant: Brian Borsari, Ph.D.

A drinking game (DG) is a social drinking activity that creates a context where a set of rules determines when and how much a player must drink. Findings from the DG literature indicate that playing DGs is associated with increased frequency and quantity of alcohol consumption and with experiencing more alcohol-related negative consequences. Prior studies often compare those who play DGs to those who do not engage in this risky drinking behavior, but this between-subjects approach has the potential to overlook important within-person variability in DG participation and outcomes. Methods like ecological momentary assessment (EMA) allow researchers to closely examine the behavior of individuals across instances of DG playing compared to drinking events that do not involve DGs. Moreover, EMA methods have the potential to provide more accurate data on drinking behavior, rather than relying on retrospective self-report. The aim of this paper symposium is to examine the health outcomes of DG participation using occasion-level methods. These methods also allow for a closer observation of the cognitive and contextual influences on alcohol consumption during DG participation. The first paper (Lewis et al.) explores normative influences and situation factors that contribute to heavy alcohol use in the context of DGs. The second paper (Litt et al.) focuses on alcohol-related consequences that result from playing DGs. The third paper (Gebru et al.) investigates individual differences (e.g., gender, impulsivity) that can affect alcohol consumption and alcohol-related consequences in the context of DGs. Taken together, these papers highlight important implications for DG-targeted interventions.



**1. DRINKING COGNITIONS, SITUATIONAL FACTORS, AND NEGATIVE CONSEQUENCES RESULTING FROM DRINKING GAMES**

Melissa A. Lewis, Ph.D.; Zhengyang Zhou, Ph.D.; Anne M. Fairlie Ph.D.; Dana M. Litt Ph.D.; Christine M. Lee, Ph.D.

**2. DAILY-LEVEL ASSOCIATIONS BETWEEN PLAYING DRINKING GAMES AND SPECIFIC ALCOHOL-RELATED CONSEQUENCES**

Dana M. Litt, Ph.D.; Zhengyang Zhou Ph.D.; Melissa A. Lewis, Ph.D.

**3. ROLE OF IMPULSIVITY IN RELATIONS BETWEEN DRINKING GAMES AND NEGATIVE CONSEQUENCES**

Neo M. Gebru, Ph.D.; Holly K. Boyle, Ph.D.; Siobhan N. Perks, MPH; Isaiah Foley, B.A.; Alison Lu; Jennifer E. Merrill, Ph.D.

**Saturday, March 25<sup>th</sup> at 10:30am**

Atrium A

**ADVANCING MEASUREMENT OF HARM REDUCTION AND MODERATION SUBSTANCE USE GOALS AND OUTCOMES**

Chair: Frank J. Schwebel, Ph.D.

Discussant: Seema L. Clifasefi, Ph.D.

Historically, abstinence has been the substance use treatment goal of choice. Intuitively, this makes sense. If one does not use substances, one will not experience negative substance-related consequences. It also is easy to measure whether someone either is or is not abstaining. However, not everyone has an abstinence goal. In recent years, there has been an increased awareness of and interest in understanding and measuring non-abstinence, or harm reduction goals. Harm reduction goals can include abstinence; however, non-abstinent harm reduction and moderation goals are alternative goal options (or potentially complementary goals for people with partial abstinence goals). There is limited research on harm reduction and moderation goals and an obstacle to increased research and improved treatment outcomes for people with harm reduction goals include a lack of validated measures and limited understanding of the relationship between these goals and treatment outcomes. In this symposium, we focus on four efforts to measure and understand harm reduction goals. The first talk presents data on a new measure of substance use moderation self-efficacy. The second talk presents results from a trial of safer use strategies for people experiencing homelessness and alcohol use disorder. The third talk presents preliminary work from a project using Goal Attainment Scaling to measure harm reduction goal attainment. The fourth talk examines measurement invariance of alcohol-related harm measures across marginalized racial and ethnic groups.

**1. COMPREHENSIVE TREATMENT GOALS: EXAMINING LESS COMMON (LY RESEARCHED) GOALS**

Frank J. Schwebel, Ph.D.; Matthew R. Pearson, Ph.D.; Dylan K. Richards, Ph.D.; Noah N. Emery, Ph.D.; Rory A. Pfund, Ph.D.; Daniel G. Orban, B.S.; Katie Witkiewitz, Ph.D.

**2. SAFER-USE STRATEGIES & ASSOCIATED TREATMENT OUTCOMES AMONG PEOPLE EXPERIENCING HOMELESSNESS & AUD**

Emma Shinagawa, B.S.; Susan E. Collins, Ph.D.

### 3. MEASUREMENT OF INDIVIDUALIZED, NON-ABSTINENCE BASED DRINKING GOALS USING GOAL ATTAINMENT SCALING

Matison W. McCool, Ph.D.; Frank J. Schwebel, Ph.D.; Dylan K. Richards, Ph.D.; Matthew R. Pearson, Ph.D.

### 4. TESTING MEASUREMENT INVARIANCE ACROSS MARGINALIZED RACIAL AND ETHNIC GROUPS IN ALCOHOL HARM MEASURES

Silvi C. Goldstein, M.A.; Susan E. Collins, Ph.D.; Manshu Yang, Ph.D.; Sarah W. Feldstein Ewing, Ph.D. & Nicole H. Weiss, Ph.D.

**Saturday, March 25<sup>th</sup> at 10:30am**

Atrium F

### **ONLINE AND OFFLINE SOCIAL INFLUENCES ON ADOLESCENT SUBSTANCE USE: IMPLICATIONS FOR PREVENTION (1.25 CE)**

Chair: Julie Cristello, M.S.

Adolescence has been characterized as a time of increased engagement in risk behaviors, such as substance use, which can result in a number of challenges and consequences. Socialization contexts, like peers, parents, and schools, have been shown to impact adolescent substance use. Yet, the ways in which adolescents interact with social groups have evolved, especially in regard to online socialization that often expands beyond individuals that a teen knows directly (e.g., influencers, influential figures). The current symposium will discuss both online and offline social risk and protective factors that influence today's youth more directly, as well as key targets for prevention. Dr. Kristina Jackson will discuss adolescent exposure to online alcohol-related content by peers and influencers, and the role of peer drinking norms and parental media monitoring. Julie Cristello will describe results from a longitudinal study examining whether injunctive norms and perceived harm sequentially mediate the association between social media content and adolescent substance use. Lauren Paxton will discuss whether parental alcohol use impacts aversive transmission (i.e., offspring limiting drinking due to parents alcohol use disorder) and if aversive transmission may be weakened by peer drinking. Lastly, Dr. Jillian Halladay will present on how the school environment and school engagement relate to substance use and mental health symptoms among Canadian students and recommendations for school-based interventions. A strength of the symposium is that each career stage is represented among speakers. Clinical implications for enhancing substance use prevention programming will be discussed across talks.

### 1. DAILY ASSESSMENT OF ALCOHOL-RELATED MEDIA CONTENT: THE ROLE OF GENDER, PEER NORMS AND MONITORING

Kristina Jackson, Ph.D.; A. Clement; M. Soto; S. Nelapati, B.S.; J. Gabrielli, Ph.D.; S. Colby, Ph.D.; T. Wray, Ph.D.; M. Rogers, Ph.D.

### 2. ASSOCIATIONS BETWEEN SOCIAL MEDIA CONTENT AND ADOLESCENT SUBSTANCE USE: A SERIAL-MEDIATION APPROACH

Julie Cristello, M.S.; Dana M. Litt, Ph.D.; Matthew T. Sutherland, Ph.D.; Elisa M. Trucco, Ph.D.

### 3. AVERSIVE TRANSMISSION OF HEAVY DRINKING IN A HIGH-RISK SAMPLE: THE INFLUENCE OF PEER SUBSTANCE USE

Lauren Paxton, B.A.; Jack T. Waddell M.A.; Alexis Georgeson, Ph.D.; Laurie Chassin, Ph.D.

#### 4. ADOLESCENT SUBSTANCE USE AND THE SCHOOL ENVIRONMENT: A SERIES OF LATENT PROFILE/CLASS ANALYSES

Jillian Halladay, RN, MSC, Ph.D.; James MacKillop, Ph.D.; Samuel Acuff, Ph.D.; Michael Amlung, Ph.D.; Catharine Munn, MSC, MD, FRCP(C); Joseph Farag Alla, B.S. (student); Michelle Ogrodnik, MSC, Ph.D.(candidate); Matthew Sunderland, Ph.D.; Tim Slade, Ph.D.; Katholiki Georgiades, Ph.D.



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## Panels and Workshops

Friday, March 24<sup>th</sup>, 1:45pm

Alvarado Ballroom E

### **CLINICAL ROUND TABLE: REINFORCEMENT AND LIFE-ENHANCING TREATMENTS FOR ADDICTION: APPLICATIONS ACROSS DIVERSE SETTINGS AND POPULATIONS**

Presented by: James G. Murphy, Ph.D., & Stacey B. Daughters, Ph. D

The goal of the proposed clinical round table is to review recent innovations in reinforcement-based treatments for addiction, ranging from intensive approaches like contingency management and behavioral activation, to briefer MI-based approaches to increasing alternatives to drug use in order to facilitate reductions in drug/alcohol use. The fact that these approaches are appropriate for individuals who are not currently interested in reducing their substance use increases their potential for dissemination. We have assembled a panel of five experts, spanning the career spectrum from early career to established clinical scientists, who will provide an overview of each treatment approach including relevant supporting data and details about how to implement the treatment in practice. The panel will then facilitate a discussion about “precision medicine” modifications for diverse and/or marginalized populations and specific clinical needs (e.g., individuals in established recovery vs. individuals who are using alcohol/drugs and not interesting pursuing addiction treatment). Specific presenter titles are detailed below:

- 1) Physical Activity as a Competing Reinforcer to Alcohol in Early AUD Recovery: Ana M. Abrantes, Ph.D., Brown University. Co-Authors: Cynthia L. Battle, Ph.D., and Michael D. Stein, M.D.
- 2) Individual Difference Considerations for Behavioral Activation Treatment for Substance Use: Stacey B. Daughters, Ph.D. University of North Carolina at Chapel Hill
- 3) Lowering the threshold for treatment: Harm reduction-focused behavioral activation for substance use among marginalized people who use drugs: Catherine E. Paquette, MPS, MA. University of North Carolina at Chapel Hill
- 4) Bridging the Gap: The Rapid Uptake of Culturally Centered Contingency Management in Collaboration with American Indian and Alaska Native People: Kait Hirchak, Ph.D., Washington State University. Co-Authors: Sara Parent, Kelsey Bajet, Holly Echo-Hawk, Thomas Freese & Michael McDonell
- 5) Behavioral Economic and Motivational Interviewing-based Approaches to Increasing Substance-Free Activities: Applications Across Diverse Non-Treatment Seeking Emerging Adult Samples. James G. Murphy, Ph.D. University of Memphis

# CPA 2023 INCLUSIVE EXCELLENCE POSTER AWARD

Brittany Zaring-Hinkle, Ph.D

Title: PATTERNS OF SUBSTANCE USE AMONG  
PREGNANT AND POSTPARTUM WOMEN ENTERING  
RESIDENTIAL TREATMENT

## Posters

All poster sessions will be held in Alvarado Ballroom D.

### SESSION 1: Thursday, March 23<sup>rd</sup>, 4:30pm

1. **PUBLIC PERCEPTIONS OF PHARMACOTHERAPY AND WILLINGNESS TO HELP PEOPLE WITH SUBSTANCE USE DISORDERS**  
Callie L. Wang, B.A., Lidia Z. Meshesha, Ph.D., Jenni B. Teeters, Ph.D.
2. **HOW DO YOU KNOW IT'S ADDICTIVE? A MIXED METHODS STUDY ABOUT VIEWS OF ADDICTIVENESS**  
Jennifer Grant Weinandy, M.A., Joshua Grub, BS, Ph.D.
3. **FIRST SEMESTER COLLEGE EXPERIENCES: ASSOCIATIONS WITH SUBSTANCE USE AND MENTAL HEALTH**  
Brooke J. Arterberry, Ph.D., Sarah J. Peterson, Ph.D., Megan E. Patrick, Ph.D.
4. **COGNITIVE BEHAVIORAL THERAPY IS AN EMPIRICALLY SUPPORTED TREATMENT FOR SUBSTANCE USE DISORDER**  
Cassandra Boness, Ph.D., Victoria R. Votaw, M.S., Frank J. Schwebel, Ph.D., David I.K. Moniz-Lewis, BA, R. Kathryn McHugh, Ph.D., & Katie Witkiewitz, Ph.D.
5. **COMPARING SUICIDE AND ACCIDENTAL DRUG-INVOLVED DEATHS IN SAINT LOUIS CITY AND COUNTY**

Khrystyna Stetsiv, BS, Ryan Carpenter Ph.D., Melissa Nance B.A., Chelsey Wilks, Ph.D., Maria Paschke, MPP, Rachel Winograd, Ph.D.

6. **POST SUBSTANCE USE TREATMENT TRAJECTORIES AMONG ADOLESCENTS: THE ROLES OF PEERS AND SOCIAL SUPPORT**  
Lindsey M. Nichols, M.S., Emily E. Tanner-Smith, Ph.D.
7. **PERCEIVED RISK OF RELAPSE TO LIFE EVENTS**  
Nina C Christie, M.A., M.PH., Ph.D., Myra Moghal, B.A., John R. Monterosso, Ph.D.
8. **MOTIVATIONAL INTERVIEWING TRAINING FOR PROBATION OFFICERS: IMPACTS ON FIDELITY AND MI PERSPECTIVES**  
Elizabeth Walker, Alexandra Hernandez-Vallant, M.S., Margo C. Hurlocker, Ph.D.
9. **SHOW ME THE MONEY: USING MONETARY VALUE TO MEASURE SUBSTANCE USE**  
Frank J. Schwebel, Ph.D., Matison W. McCool Ph.D., Dylan K. Richards Ph.D., Verlin W. Joseph Ph.D., Jakub Gren, M.A., Matthew R. Pearson Ph.D.
10. **ARE ALCOHOL CONSEQUENCES DUE TO ALCOHOL USE?**  
James M Henson, Ph.D., Stephen Hanson, M.S., Samantha Fitzner, M.S., Matthew R. Pearson, Ph.D.
11. **IMPULSIVITY AND EMOTION DYSREGULATION MODERATE THE ASSOCIATION BETWEEN PTSD AND AUD SYMPTOM. S.**  
Brigitta M. Beck, B.A., Kelly E. Dixon, M.A., Kaylin Muller, Maria M. Galano, Ph.D., & Colin T. Mahoney, Ph.D.
12. **MOTIVES TO DRINK BEFORE A VIRTUAL SOCIAL EVENT DURING COVID-19: THE PRE-ZOOMING MOTIVES INVENTORY**  
Byron L. Zamboanga, Ph.D., Banan Ramarushton, M.S., Patrick McClain, Miller Bacon, Emma William S., Linda Thompson, M.A., Heidemarie Blumenthal, Ph.D., and the COVID-19 University Research on Education and Sustainability (CURES) Study Group
13. **ALCOHOL-INVOLVED DEATHS IN ST. LOUIS, MISSOURI**  
Melissa Nance, B.A.; Ryan Carpenter, Ph.D., Khrystyna Stetsiv, BS, Julia Richardson, M.A., Devin Banks, Ph.D., Maria Paschke, MPP, Rachel Winograd, Ph.D.
14. **ANALYZING THE IMPACT OF SOCIAL NETWORKS ON ALCOHOL RECOVERY IDENTITY**  
Juana Hernandez Jaime, Sheena Adolphus, B.A., Kevin S. Montes
15. **FAMILY HISTORY OF SUBSTANCE USE AND SUPPORT FROM SOCIAL NETWORK AMONG ALCOHOL TREATMENT SEEKERS**  
Tatiana Magri, M.S., Lidia Meshesha Ph.D., Cameron Davis BS
16. **PEER NORM. S. MEDIATE THE LINK BETWEEN VIEWING INFLUENCER ALCOHOL-RELATED POSTS AND COLLEGE DRINKING**  
Megan Strowger, M.S., Rachel Ayala Guzman, BS, Rachel B. Geyer, M.S., Mai-Ly N. Steers, Ph.D., Rose Marie Ward, Ph.D., Abby L. Braitman, Ph.D.
17. **DISPOSITIONAL MINDFULNESS, ALCOHOL USE, AND THE MEDIATING ROLE OF BASIC PSYCHOLOGICAL NEEDS**  
Lauren E Lewis, M.A., Devin J. Mills, Ph.D., Uibin Lee, M.A., Ashlee Faies
18. **DOES THE 2-HOUR BINGE DRINKING QUALIFIER PROVIDE ADDITIONAL INFORMATION?**  
Kanak Kataria, Ph.D., Martin Montano-Pilch B.A., Cassie Boness Ph.D.



19. **WHO RISK DRINKING LEVEL REDUCTIONS ARE ASSOCIATED WITH REMISSION FROM ALCOHOL USE DISORDER**  
Dylan Richards, Ph.D., Felicia Tuchman, B.A., Kevin Hallgren, Ph.D., Katie Witkiewitz, Ph.D.
20. **HOW DIFFERING ACES AFFECT COLLEGE STUDENT'S MENTAL HEALTH AND ALCOHOL USE**  
Ashlee T. Faires, Lauren E. Lewis, M.A., Devin J. Mills, Ph.D.
21. **SPIRITUALITY AND SUICIDAL BEHAVIOR AMONG COLLEGE STUDENT PROBLEMATIC DRINKERS**  
Alyssa Hill, M.Ed., Ashnita S. Maxton, M.A., Comfort M. Boye, M.A., Mark E. Mills, M.Ed., and Jon R. Webb, Ph.D.
22. **SELF-STIGMA SERVES AS A MODERATOR FOR DRINKING MOTIVES AND ALCOHOL CONSUMPTION**  
Aitiana Sanchez, BS, Erin Portillo, BS, Craig Field, Ph.D. MPH
23. **COLLEGE STUDENTS WHO ENGAGE IN HAZARDOUS DRINKING PROJECT INCREASES IN DEMAND FOR ALCOHOL**  
Rebecca Kurnellas, B.A., Hailey Taylor, MPS M.A., Aaron Smith, Ph.D., Richard Yi Ph.D.
24. **RELATIVE REINFORCEMENT VALUE OF ALCOHOL-FREE ACTIVITIES AND ALCOHOL USE ONE-YEAR POST TREATMENT**  
Alena Kuhlemeier, Ph.D., Katie Witkiewitz, Ph.D., Jalie A. Tucker, Ph.D.
25. **A FRIEND-BASED BYSTANDER MI TO REDUCE CAMPUS-BASED ALCOHOL-INVOLVED SEXUAL ASSAULT: 3-MONTH OUTCOMES**  
Aria F. Wiseblatt, B.A., Rachael J. Shaw, M.A., Jennifer A. Livingston, Ph.D., Craig R. Colder, Ph.D., Maria Testa, Ph.D., Jennifer Katz, Ph.D., Nadine R. Mastroleo, Ph.D., Tiffany Jenzer, Ph.D., Jennifer P. Read, Ph.D.
26. **DRINKING AND DISTRESS DURING THE COVID-19 PANDEMIC: EXAMINATION OF HEALTHY OLDER ADULTS**  
Christian C. Garcia, Ph.D., Sara Jo Nixon, Ph.D.
27. **EXAMINING SEXUAL ASSAULT INSTANCES AS A MODERATOR BETWEEN PTSD SYMPTOM. S. AND DRINKING BEHAVIORS**  
Sidney Traxler, Mawsoof Ali, B.A., Katie R. Moskal, B.A., Jenni B. Teeters, Ph.D.
28. **SUBSTANCE-SPECIFIC CONSEQUENCES IN SIMULTANEOUS ALCOHOL - CANNABIS USERS AND SINGLE SUBSTANCE USERS**  
Skyler Hoover M.S., Michael Madson Ph.D., Harm Reduction Research Team
29. **COLLEGE STUDENTS' CONFIDENCE IN REPORTING QUANTITY OF CANNABIS USE ACROSS CONTEXTS**  
Jennifer L. Shipley, M.S., M.P.H., Abby L. Braitman, Ph.D.
30. **TREATING CANNABIS USE DISORDER: EFFICACY OF A PRETREATMENT MET SESSION IN AN OUTPATIENT TREATMENT**  
Samantha Lookatch, Ph.D., Aimee Chiligris, Psy.D., Hayley Fivecoat, Ph.D.
31. **DRINKING TOO FAST? IMPULSIVE FACTORS IN DRINKING RATES DURING DAILY LIFE**  
Ian A. McNamara, BS, Ryan W. Carpenter, Ph.D.; Melissa Nance, BS, Sean P. Lane, Ph.D., Constantine J. Trela, Ph.D., Phillip K. Wood, Ph.D., Timothy J. Trull, Ph.D.
32. **RELATIVE DISCRETIONARY EXPENDITURES AS AN INDICATOR OF ALCOHOL USE SEVERITY AMONG EMERGING ADULTS**

J Austin Varner, BS, Sam Acuff, M.S., Ashley Dennhardt, Ph.D., James Mackillop, Ph.D., James Murphy, Ph.D.

33. **DOES LOWER EXECUTIVE FUNCTIONING HINDER ALCOHOL USE DISORDER AWARENESS?**  
Nathan McGee, M.A., George B. Richardson, Ph.D., Madison Hollar, M.A., Amy Ross, M.A., Michael D. Brubaker, Ph.D.
34. **ELEVATED DELAY DISCOUNTING BUT NOT ALCOHOL SOCIAL DENSITY PREDICTS INCREASES IN DRINKING IDENTITY**  
Jacob Tempchin, M.S., Hannah Cole, BS, Ashley A. Dennhardt, Ph.D., James MacKillop, Ph.D., and James G. Murphy, Ph.D.
35. **REDUCTIONS IN ALCOHOL USE ARE PREDICTIVE OF REDUCTIONS IN ALCOHOL CRAVING AMONG INDIVIDUALS WITH AUD**  
Felicia R. Tuchman, B.A., Dylan K. Richards, Ph.D., Kevin Hallgren, Ph.D., Katie Witkiewitz, Ph.D.
36. **POSTTRAUMATIC STRESS DISORDER, AND BINGE DRINKING**  
Liv Canning, Eric Pederson, Ph.D., Jordan P. Davis, Ph.D., Joan S. Tucker, Ph.D., John Prindle, Ph.D., Rachana Seelam, M.P.H, Elizabeth J. D'Amico, Ph.D.
37. **SPIRITUALITY, PHYSICAL HEALTH, AND MENTAL HEALTH AMONG COLLEGE STUDENT PROBLEMATIC DRINKERS**  
Jon R. Webb, Ph.D., Comfort M. Boye, M.A., Mark E. Mills, M.Ed., Ashnita S. Maxton, M.A., and Alyssa Hill, M.Ed.
38. **PREFERENCES FOR HELPING RESOURCES AMONG EMERGING ADULT RISKY DRINKERS LIVING IN URBAN COMMUNITIES**  
JeeWon Cheong, Ph.D., Lesleigh Stinson, Ph.D., Susan Chandler, M.P.H, Jalie Tucker, Ph.D.
39. **INITIATION OF ALCOHOL USE AS A RISK FACTOR: AN EXAMINATION AMONG YOUNG ADULTS IN SEVEN COUNTRIES**  
Victoria Chentsova, B.A., Adrian J. Bravo Ph.D., Cross-Cultural Addictions Study Team
40. **LATENT CLASSES OF SIMULTANEOUS ALCOHOL AND CANNABIS USE AND RELATIONS WITH OUTCOMES USING DAILY DATA**  
Jordan Gette, Ph.D., Alexander Sokolovsky, Ph.D., Rachel Gunn, Ph.D., Holly Boyle, Ph.D., Kristina Jackson, Ph.D., Helene White, Ph.D.
41. **LATENT PROFILES OF PSYCHOLOGICAL AND CANNABIS USE-RELATED FACTORS PREDICTING MOTIVATION, READINESS, AND CONFIDENCE TO QUIT IN TREATMENT-INTERESTED YOUTH**  
Kathryn Gex, Ph.D., Kyle J. Walters, Ph.D., Rachel L. Tomko, Ph.D., Kevin M. Gray, Ph.D.
42. **INTENTIONS AND WILLINGNESS FOR LEVELS OF ALCOHOL AND CANNABIS INTOXICATION PREDICT SIMULTANEOUS USE**  
Holly K. Boyle, Ph.D., Kristina M. Jackson, Ph.D., Kate B. Carey, Ph.D., Isaiah V. Foley, B.A., Jennifer E. Merrill, Ph.D.
43. **SOCIAL SUPPORT MODERATES THE RELATION BETWEEN DISCRIMINATION AND DISTRESS ON USING CANNABIS TO COPE**  
Cara Linda Fresquez, MAC-P, Anna Gentile BS, Shea Wenzler BS, Jessica L Martin Ph.D., M Dolores Cimini Ph.D.
44. **EXPLORING SYMPTOM. S. AND PREDICTORS OF CANNABIS HANGOVER.**  
Naomi M. McFarland, BS, Mark A. Prince, Ph.D., Eleftherios Hetelekides, M.S., Jonah Stickney, BS, Benjamin O. Ladd, Ph.D.

45. **SLEEP QUALITY AND LATENCY ARE PROSPECTIVELY ASSOCIATED WITH CANNABIS USE AND PROBLEM. S. AMONG VETERANS**  
Benjamin L. Berney, Ph.D., Elizabeth Aston, Ph.D., Rachel Gunn, Ph.D., John McGeary, Ph.D., Brian Borsari, Ph.D., Jane Metrik, Ph.D.
46. **MORNING CANNABIS USE AND HEAVIER USE PATTERNS: A LONGITUDINAL ASSESSMENT ACROSS 30 MONTHS**  
Katherine Walukevich-Dienst, Ph.D., Brian H. Calhoun, Ph.D., Scott Graupensperger, Ph.D., Megan E. Patrick, Ph.D. , & Christine M. Lee, Ph.D.
47. **ASSOCIATION BETWEEN SOURCES OF PRESCRIPTION OPIOIDS AND INCREASED RISK OF PAST-YEAR OPIOID MISUSE**  
Donia Hijaz, Alexandra Hernandez-Vallant, M.S., Margo C. Hurlocker, Ph.D.
48. **LONGITUDINAL ASSOCIATIONS BETWEEN SEXUAL ASSAULT, INFLUENCE OF POSTTRAUMATIC STRESS DISORDER ON DAILY-LEVEL TRAJECTORIES OF OPIOID USE AND TREATMENT**  
Noam Newberger, M.A., Shannon R. Forkus, M.A., Emmanuel D. Thomas M.A., Silvi C. Goldstein M.A., Jewelia J. Ferguson B.A., Nicole H. Weiss Ph.D.
49. **SOCIAL MOTIVES FOR GAMBLING AND PROBLEM GAMBLING IN A NATIONALLY REPRESENTATIVE U.S. SAMPLE**  
Regina K. Tahk, B.A., Christopher G. Floyd, B.A., Shane W. Kraus, Ph.D., Joshua B. GrubBS, Ph.D.
50. **ART-DELIVERED EPISODIC FUTURE THINKING REDUCES DELAY DISCOUNTING: A PROOF-OF-CONCEPT TRIAL**  
Jennifer Hudson, B.A., Sergej Grunevski BS, John Sebelius MFA, Richard Yi Ph.D.
51. **CHALLENGES INTEGRATING MULTIMODAL ASSESSMENT IN THE ADDICTIONS NEUROCLINICAL ASSESSMENT**  
Elena Stein, M.S., Barbara McCrady, Ph.D., Eric Claus, Ph.D., Yu-Yu Hsiao, Ph.D., Katie Witkiewitz, Ph.D.
52. **CHARACTERIZING POLYSUBSTANCE USE PROTECTIVE STRATEGIES AMONG ELECTRONIC DANCE MUSIC EVENT ATTENDEES**  
Cianna Piercey, BS, Devin Henry, Wes MacLean, Maia Bransom, Joseph Bunch, B.A., Bradley Conner, Ph.D., Jeffrey Snodgrass, Ph.D., & Hollis Karoly, Ph.D.
53. **IDENTIFYING LATENT PROFILES OF PSILOCYBIN USE**  
Bethany Gray, M.S., Olivia L. Bolts, M.A., Mark A. Prince, Ph.D.
54. **IMPLEMENTING A RECOVERY CAPITAL MODEL INTO THERAPEUTIC COURTS: CASE STUDIES AND LESSONS LEARNED**  
Emily A. Hennessy, Ph.D., Paige Krasnoff, B.A., David Best. Ph.D.
55. **EXAMINING THE IMPACT OF OMITTED CROSS-LOADING BIAS IN ESTIMATES DERIVED FROM MULTI-ITEM MEASURES**  
George Richardson, Ph.D., Daniel Bates, M.A., Laura McLaughlin, M.A., Nathan McGee, M.A., Winnie W.-Y. Tse, B.A., Rebecca L. Monk, Ph.D., Mark H. C. Lai, Ph.D., Adam W. Qureshi, Ph.D., Susan E. Luczak, Ph.D., Derek Heim, Ph.D.
56. **OUTCOMES OF INVOLUNTARY COMMITMENT TO TREATMENT FOR SUBSTANCE USE DISORDER**  
Apollonia E. Lysandrou, BS

**58. DIFFERENTIAL SUBSTANCE USE PATTERNS IMPACT MEASURES OF SLEEP QUALITY IN YOUNG ADULTS.** Meggan L. Drennan, M.S., Cianna Piercey BS, Hollis C. Karoly Ph.D.

**SESSION 2: Friday, March 24<sup>th</sup> 4:30pm**

**1. MEDIATORS OF ASSOCIATION OF SELF-COMPASSION WITH SUICIDAL BEHAVIORS AMONG HISPANIC COLLEGE STUDENTS**

Comfort M. Boye, M.S., Mark E. Mills, M.ED., Ashnita Maxton, M.A., Alyssa Hill, BS, Jon R. Webb, Ph.D.

**2. RACIAL MICROAGGRESSIONS, DEPRESSION, AND DRUG USE AMONG WOMEN OF COLOR EXPERIENCING IPV**

Emmanuel D. Thomas, M.A., Silvi C. Goldstein M.A., Jewelina Ferguson B.A., Nicole H. Weiss, Ph.D.

**3. MEXICAN CULTURAL IDENTITY AS A PREDICTOR OF DRINKING MOTIVES**

Enrique Pineda Sanchez, Aitiana Sanchez BS; Craig Field Ph.D., M.PH.

**4. ASSOCIATION BETWEEN RELIGIOUS BELIEFS AND PAST-YEAR DRUG USE DISORDER BY SEXUAL IDENTITY**

Ethan S. Van, A.A., Victoria R. Votaw, M.S., Alena Kuhlemeier, Ph.D., Felicia R. Tuchman, B.A., Katie Witkiewitz, Ph.D.

**5. SUBSTANCE USE OUTCOMES AMONG MINORITIZED UNDERGRADUATES RECEIVING PREVENTION NAVIGATION SERVICES**

Corey M Monley B.G.S., Evan Ozmat M.S., Cara L. Fresquez, M.AC-P, Jessica L. Martin, Ph.D., M. Dolores Cimini, Ph.D.

**6. CULTURALLY INFORMED ANALYSIS OF REWARD AND RELIEF CRAVING PROFILES IN AMERICAN INDIANS SEEKING TREAT**

Hanna Hebden, B.A., Kamilla Venner, Ph.D. Katie Witkiewitz, Ph.D.

**7. REVIEW OF CULTURALLY TAILORED SUBSTANCE USE TREATMENT FOR AMERICAN INDIAN AND ALASKA NATIVE ADULTS**

Jalene Herron, M.S., Hanna Hebden, BA, Katherine Hirchak, Ph.D., Ángel Vásquez, Ph.D., Maria Crouch, Ph.D., Steve Verney, Ph.D., & Kamilla Venner, Ph.D.

**8. ROLE OF ETHNIC IDENTITY MODERATING PTSD AND DRUG USE IN WOMEN OF COLOR EXPERIENCING PARTNER VIOLENCE**

Jewelina Ferguson, B.A., Emmanuel D. Thomas M.A., Silvi G. Goldstein M.A., Noam G. Newberger, M.A., Nicole H. Weiss Ph.D.

**9. RACIAL/ETHNIC AND SEXUAL IDENTITY INTERACTIONS WITH COCAINE USE AND PERCEPTIONS IN YOUNG ADULT WOMEN**

Katherine Vrotsos, B.A., Ty Schepis Ph.D.

**10. SUBSTANCE USE MODERATES THE INFLUENCE OF CHILD ADVERSITY ON TREATMENT OUTCOMES IN INCARCERATED WOMEN**

Kathryn F. Fokas, Ph.D., Nena P. Messina, Ph.D., William M. Burdon, Ph.D., & Stephanie S. Covington, Ph.D., LCSW

**11. A SOCIAL NETWORK INTERVENTION TO REDUCE SUBSTANCE USE FOR YOUNG ADULTS TRANSITIONING TO HOUSING**

Karen Osilla, Ph.D., Joan S. Tucker Ph.D., David P. Kennedy Ph.D.

**12. AN EXAMINATION OF PREGAMING BEHAVIOR AND MOTIVES AMONG SEXUAL AND GENDER MINORITY COLLEGE STUDENTS**

Keegan Buch, B.A., Reagan E. Fitzke BS, Jordan P. Davis Ph.D., Denise D. Tran Ph.D., Justin F. Hummer Ph.D., & Eric R. Pedersen Ph.D.

**13. SEXUAL MINORITY STATUS AND FOOD AND ALCOHOL DISTURBANCE: THE MODERATING ROLE OF BODY ESTEEM**

Luke Herchenroeder, M.S., Shannon Speed Ph.D., Rose Marie Ward Ph.D., Ellen Yeung Ph.D.

**14. COPING MOTIVES MEDIATE THE ASSOCIATION BETWEEN MULTIPLE DISCRIMINATION AND ALCOHOL PROBLEM. S.**

Mawsoof Ali, BS, Katie R. Moskal BS, Diamonde C. McCollum BS, Jenni B. Teeters Ph.D.

**15. THE ROLE OF DISCRIMINATION IN CANNABIS USE MOTIVES AMONG YOUNG ADULTS**

Minh Dung Nguyen, B.A., Lidia Z. Meshesha, Ph.D., Jenni B. Teeters, Ph.D.

**16. THE ROLE OF ALCOHOL USE IN THE LINK BETWEEN SOCIAL DOMINANCE AND GENDER IDENTITY MICROAGGRESSIONS**

Nephtaly Joel, M.A.Ed., Bagadiong Botor, Antover P. Tuliao, Ph.D.

**17. DIFFERENCES ON DESIRE TO QUIT SMOKING BASED ON MENTHOL PREFERENCE AND RACE AMONG BISEXUAL WOMEN**

Sarah J. Ehlke, Ph.D., Samantha A. Fitzer BS, Ollie Ganz, Ph.D., Amy M. Cohn, Ph.D.

**18. ALCOHOL USE AMONG U.S. LATINAS: A PROTOCOL FOR A SCOPING REVIEW OF TOP-TIER ALCOHOL-FOCUSED JOURNALS**

Sarah Wondra, A.A., Jessica K. Perrotte, Ph.D., Daniela Romero Fajardo, B.A., Alyssa N. Garcia B.A., Ty S. Schepis Ph.D., Miguel Pinedo Ph.D., Natalie A. Ceballos Ph.D.

**19. ASSOCIATION BETWEEN PTSD AND ALCOHOL USE AMONG HISPANIC/LATINX, ASIAN, BLACK, AND WHITE VETERANS**

Sofia Rubi, BS, Lisa Y. Flores, Ph.D., Christina S McCrae, Ph.D., Brian Borsari, Ph.D., and Mary Beth Miller, Ph.D.

**20. DISCRIMINATION, ANXIETY SENSITIVITY, AND ALCOHOL USE AMONG RACIAL/ETHNIC MINORITY COLLEGE STUDENTS**

Tanya Smit, M.A., Nubia A. Mayorga M.A., Pam Nizio M.A., Michael J. Zvolensky Ph.D.

**21. DEMOGRAPHIC DIFFERENCES IN SUBSTANCE USE FOR RESERVATION-DWELLING YOUTH FROM 1993-2019**

Theodore J Fetterling, M.S., Mark A Prince Ph.D., Linda R Stanley Ph.D., Randall C Swaim Ph.D.

**22. ALCOHOL USE AND PERCEIVED RISK AMONG GEOGRAPHICALLY DIVERSE 12TH GRADE STUDENTS**

Jessica Saalfeld, Ph.D., Nicole Ryerson, Ph.D., Bethany Haag

**23. IMPROVING ACCESS TO SUBSTANCE USE DISORDER TREATMENT TO PROMOTE EMPLOYMENT OPPORTUNITIES**

Justina Or, Ph.D.

**24. A LONGITUDINAL STUDY OF NEGATIVE URGENCY AND PROBLEMATIC MARIJUANA USE AMONG ARGENTINIAN STUDENTS**

Yanina Michelini, Ph.D., Adrian J. Bravo Ph.D., Juan Carlos Godoy Ph.D., Angelina Pilatti Ph.D.

**25. SELF-CONTROL CONSTRUCTS, DRINKING MOTIVES, AND PROBLEMATIC ALCOHOL USE: A CROSS-CULTURAL EXAMINATION**

Zannie Montgomery, B.A., Yanina Michelini Ph.D., Angelina Pilatti Ph.D., Adrian J. Bravo Ph.D.



- 26. PATTERNS OF SUBSTANCE USE AMONG PREGNANT AND POSTPARTUM WOMEN ENTERING RESIDENTIAL TREATMENT**  
Brittany Zaring-Hinkle, Ph.D., Susan G. Nash Ph.D., James H. Bray Ph.D.
- 27. WORKING ALONGSIDE PEOPLE WITH LIVED EXPERIENCE HAS THE POTENTIAL TO IMPROVE MEASUREMENT IN ADDICTION**  
Cassandra Boness, Ph.D.
- 28. SOCIOCOGNITIVE AND COVID-19 FACTORS DIFFER ACROSS CANNABIS USE PROFILES OF BISEXUAL COLLEGE STUDENTS**  
Melissa Hatch, B.A., Margo C Hurlocker, Ph.D., Michael B Madson, Ph.D., Harm Reduction Research Team (HRRT)
- 29. CUE-ELICITED CRAVING AND DEMAND FOR ALCOHOL AND E-CIGARETTES IN YOUNG ADULT CO-USERS**  
Alyssa Biles, Sarah Weinsztok, Ph.D., Derek Reed, Ph.D., Justin Strickland, Ph.D., Michael Amlung, Ph.D.
- 30. CONNECTING ALCOHOL TO LINGUISTIC ACCULTURATION IN THE SOCIAL DIGITAL ENVIRONMENT**  
Daniela Romero, B.A., Alyssa N. Garcia B.A., Neha R. Shrestha M.S., Sarah M. Wondra A.A., Krista J. Howard Ph.D., Natalie A. Ceballos Ph.D., Reiko Graham Ph.D., Jessica K. Perrotte Ph.D.
- 31. HPA-AXIS FUNCTIONING AND SUBSTANCE USE AMONG WOMEN CURRENTLY EXPERIENCING INTIMATE PARTNER VIOLENCE**  
Shannon R Forkus, M.A., Silvi C Goldstein, M.A., Reina Kiefer, M.A., Alexa M Raudales, M.A., Emmanuel D Thomas, M.A., Nicole Weiss, Ph.D.
- 32. MOMENTARY CANNABIS USE MOTIVES AND ASSOCIATED AFFECTIVE CHANGES IN DAILY LIFE**  
Andrea Wycoff, Ph.D., Alison Haney Ph.D., Kaylie Conger B.A., Timothy Trull Ph.D.
- 33. CLIENT LANGUAGE ANALYSIS AMONG SMOKERS: RELIABILITY OF A NOVEL LEARNING TALK CODING SYSTEM**  
Brian Borsari, Ph.D., Ellen HerBST, M.D., Delwyn Catley, Ph.D., Benjamin Ladd, Ph.D., Nadine Mastroleo, Ph.D., Jennifer Manuel, Ph.D., Catherine Baxley, Ph.D., Leanna Poole, BS, Theodore Fetterling, M.S., Ethan Trans, BS, Joannalyn Delacruz, Ph.D., Allyson R. Smith, BS, Nathan Rossi, BS, Aline Wu, BS B.A., Natalie Wong, M.A., Mark G. Meyers, Ph.D.
- 34. EMERGING ADULTS' PERSPECTIVES ON AN EMI INTERVENTION FOR DRINKING TO COPE: A QUALITATIVE STUDY**  
Sarah E. Dreyer-Oren, Ph.D., Oyindamola S. Akinnusi, BS, Bailey J. O'Keeffe, M.S., Heather T. Schatten, Ph.D., Michael D. Stein, M.D., Zainab S. Shah, B.A., Melissa Chery, BS, Ana M. Abrantes, Ph.D.
- 35. IN-THE-MOMENT EFFECTS OF ALCOHOL AND CANNABIS USE ON RUMINATION: THE MEDIATING ROLE OF AFFECT**  
Angelina Sung, Susi Baumgardner, B.A., Maggie J. Mataczynski, B.A., Sara Mei, BS, Taylor Norman, Garrison Unis, Kira Sturgess, Noah N. Emery, Ph.D.
- 36. NEURAL CORRELATES OF REWARD AND THREAT AMONG YOUNG ADULTS WITH FAMILY HISTORY OF HARMFUL ALCOHOL USE**  
Katelyn T. Kirk-Provencher, Ph.D., Joshua L. Gowin, Ph.D.
- 37. PATIENT PREFERENCES FOR MOBILE HEALTH APPLICATIONS TO SUPPORT RECOVERY**

Kathryn Fleddermann, B.A., Todd Molfenter, Ph.D., Olivia Vjorn, M.S., Julie Horst, M.B.A., Jessica Hulse, B.A., Braeden Kelly, B.A., Kayla Zawislak, M.S.W., David H. Gustafson, Ph.D., Rachel E. Gicquelais, Ph.D., M.PH

**38. LEVODOPA DECREASES CRAVING IN ALCOHOL USE DISORDER**

Kathryne Van Hedger, Ph.D., Suzanne T. Witt, Ph.D., Nole M. Hiebert, M.D./Ph.D., Ivan Witt M.D., Ken N. Seergobin M.A., Penny A. MacDonald M.D./Ph.D.

**39. PILOT OF AN ECOLOGICAL MOMENTARY ASSESSMENT STUDY OF NICOTINE AND CANNABIS VAPING IN YOUNG ADULTS**

Michael Dunbar, Ph.D., Rachana Seelam, M.PH, Joan S. Tucker, Ph.D., Elizabeth D'Amico, Ph.D., Anthony Rodriguez, Ph.D., Claude Setodji, Ph.D., Jennifer Parker, B.A., Angel Martinez, M.S., David Zhang, M.A.

**40. LATENT PROFILE AND MACHINE LEARNING IDENTIFY PREDICTORS OF FUNCTIONING AFTER ALCOHOL TREATMENT**

Matison W. McCool, Ph.D., Frank J. Schwebel, Ph.D., Matthew R. Pearson, Ph.D., Adam D. Wilson, Ph.D., Katie Witkiewitz, Ph.D.

**41. UNM CASAA PROGRAM EVALUATION SERVICES: INNOVATIVE RESEARCH TECHNIQUES DURING THE COVID-19 PANDEMIC**

Roberta Chavez, M.S., Amber Martinez, M.S., Rena Quintana, B.A., Rosemarie Armijo, BS, Katie Witkiewitz, Ph.D.

**42. LONELINESS, ISOLATION, AND COVID-19 POLICIES ON ALCOHOL USE: ECOLOGICAL MOMENTARY ASSESSMENT STUDY**

Sara Mei, BS, Angelina Sung, M.A., Susi Baumgardner, B.A., Maggie J. Mataczynski, B.A., Kira Sturgess, Garrison Unis, Emma Wheeler, Taylor Norman, Noah N. Emery, Ph.D.

**43. GROUP TELEHEALTH PERCEPTIONS ACROSS OPIOID USE DISORDER PATIENTS AND THEIR SUPPORT PERSONS**

Elizabeth Ueland, Katherine Nameth, BS, Jennifer K. Manuel, Ph.D., Karen Chan Osilla, Ph.D.

**44. DAILY-LEVEL ASSOCIATIONS BETWEEN AFFECT AND SUBSTANCE USE AMONG ADOLESCENTS AND YOUNG ADULTS**

Dana M. Litt, Ph.D., Zhengyang Zhou, Ph.D., Anne M. Fairlie, Ph.D., Kevin M. King, Ph.D., Allison Cross, M.S., Emma Kannard, BA, Melissa A. Lewis, Ph.D.

**45. DEVELOPMENT OF A TEXT INTERVENTION TO FACILITATE SECURE STORAGE AND DISPOSAL OF OPIOID MEDICATION**

Kathleen Egan, Ph.D., M.S., Melissa Cox, Ph.D. MPH, Don Helme, Ph.D., Jeffrey Todd Jackson, Pharm.D, Mahdi Sesay, BS, Inara Valliani, BS, Alice Richman, Ph.D. M.PH

**46. PERSONAL SENSING FOR TEMPORALLY PRECISE LAPSE PREDICTION FOR ALCOHOL USE DISORDER**

Sarah Sant'Ana, M.S. Kendra Wyant M.S., Gaylen Fronk M.S., Susan Wanta M.S., John Curtin Ph.D.

**47. STRESSOR-ELICITED SMOKING AND CRAVING DURING A SMOKING CESSATION ATTEMPT**

Gaylen Fronk, M.S., Megan Schultz B.A., Natalia Jaume-Feliciosi BS, Katherine Magruder Ph.D., John Curtin Ph.D.

**48. ACCEPTABILITY OF PERSONAL SENSING AMONG PEOPLE WITH ALCOHOL USE DISORDER**

Kendra Wyant, M.S., Hannah Moshontz Ph.D., Stephanie B Ward M.S., Gaylen E Fronk M.S., John J Curtin Ph.D.

**49. DISTRESS INTOLERANCE, MOMENTARY AFFECT, AND DRINKING BEHAVIOR**

Emily A. Levine, B.A., Devon Sandel-Fernandez M.A., Sheri L. Johnson Ph.D.

**50. EXAMINING THE MOMENT-TO-MOMENT ASSOCIATION BETWEEN DRINKING AND PROBLEM. S.**

Noah N. Emery, Ph.D., Sara Mei, BS, Angelina Sung, M.A., Susi Baumgardner, B.A., Maggie J. Mataczynski, B.A., Garrison Unis, Kira Sturgess, Taylor Norman, Mark A. Prince, Ph.D.

**51. MOMENTARY FLUCTUATIONS IN DELAY DISCOUNTING AND THEIR RELATION TO SUBSTANCE USE**

Tim Janssen, Ph.D.

**52. A FEASIBILITY STUDY OF SMARTPHONE-BASED CONTINGENCY MANAGEMENT FOR METHAMPHETAMINE USE DISORDER**

Kevin Hallgren, Ph.D.

**SESSION 3: Saturday, March 25<sup>th</sup> 8:00am**

**1. UTILITY OF THE B-YAACQ TO IDENTIFY AT-RISK COLLEGE DRINKERS: ROC ANALYSES ACROSS SEVEN COUNTRIES**

Isabela Ortiz Caso, Rebecca J. Dunaief, Angelina Pilatti, Ph.D., Adrian J. Bravo, Ph.D., Cross-Cultural Addictions Study Team

**2. MEMBERSHIP IN A SORORITY MODERATES THE ASSOCIATION BETWEEN PTSD AND ALCOHOL-RELATED PROBLEM. S.**

Greta L Kreuzer, BS, Caitlin McGettrick. BS, Jenni B. Teeters, Ph.D., Matthew J. Woodward, Ph.D.

**3. FACTOR STRUCTURE OF THE PROTECTIVE DRINKING PRACTICES SCALE**

Lauren A. Greenspoon, M.S., Skyler M. Hoover, M.S., Michael B. Madson, Ph.D., & Harm Reduction Research Team

**4. UNDERSTANDING MEDICAL AND DENTAL TRAINEE DECISION MAKING IN ALCOHOL SCREENING: A PRELIMINARY ANALYSIS**

Marco Funez, B.A., Nicholas Bush, M.A., Mike Robinson, Ph.D., Jeff Boissoneault, Ph.D.

**5. A TEST OF THE REINFORCEMENT SENSITIVITY THEORY WITH ALCOHOL USE: THE ROLE OF ANXIETY AND IMPULSIVITY**

Margo Hurlocker, Ph.D., Reagan McClellan

**6. FACES OF ALCOHOL AND CANNABIS**

Madison Colby, B.A.

**7. FOMO AND SOCIAL MEDIA ALCOHOL-RELATED CONTENT ON ALCOHOL OUTCOMES AMONG COLLEGE STUDENTS**

Rachel Ayala Guzman, B.S, Abby L. Braitman, Ph.D., Megan Strowger, M.S., Karolina Kazlauskaite, BS

**8. SIMULTANEOUS ALCOHOL AND MARIJUANA (SAM) USE AND PTSD SYMPTOM. S. PREDICT BLACKOUTS IN EMERGING ADULTS**

Katie R. Moskal, BS, Diamonde C. McCollum, BS, Mawsoof Ali, BS, Jenni B. Teeters, Ph.D

**9. MOTIVES FOR SOCIAL CONTROL OF DRINKING AMONG ROMANTIC PARTNERS**

Julia Budiongan, M.P.H., Kayla Giglia, BS, Kenneth E. Leonard, Ph.D., Jaye L. Derrick, Ph.D., Jennifer Fillo, Ph.D. M.P.H.

**10. RELATIONS BETWEEN SEXUAL DELAY DISCOUNTING AND ALCOHOL USE IN THE CONTEXT OF PRE-EXPOSURE PROPHYLAXIS**

Neo Gebru, Ph.D., Tyler G James, Ph.D., Seungjun Ahn, B.A., JeeWon Cheong, Ph.D., Meredith S Berry, Ph.D., Robert L Cook, Ph.D., Robert F Leeman, Ph.D.

11. **COGNITIVE BIAS MODIFICATION AS AN ADJUNCT INTERVENTION FOR COLLEGE STUDENT HAZARDOUS DRINKING**  
Bonnie H.P. Rowland, M.A., Tibor P. Palfai, Ph.D.
12. **IDENTIFYING SUBSTITUTE ACTIVITIES FOR ALCOHOL USE: A PRELIMINARY BEHAVIORAL ECONOMIC ANALYSIS**  
Sarah Weinsztok, Ph.D., Derek Reed, Ph.D., Jim Murphy, Ph.D., Noah Emery, Ph.D., Michael Amlung, Ph.D.
13. **PSYCHOMETRIC DEVELOPMENT OF A BRIEF MEASURE OF FELT AMBIVLAENCE ABOUT DRINKING LESS ALCOHOL**  
Samara Rice Ph.D., Shane Kentopp Ph.D., Mark Prince Ph.D.
14. **THE SUBSTANCE ABUSE SELF-STIGMA SCALE: RELIABILITY AND ASSOCIATION WITH HARMFUL ALCOHOL USE**  
Verlin Joseph, Ph.D., M.P.H., Frank Schwebel Ph.D., Matthew Pearson Ph.D., Kevin Vowles Ph.D., Katie Witkiewitz Ph.D.
15. **EXAMINING THE FACETS OF MINDFULNESS IN RELATION TO PROBLEM DRINKING: A LATENT PROFILE ANALYSIS**  
Devin J. Mills, Ph.D.
16. **EXAMINING THE PSYCHOMETRIC PROPERTIES OF THE REWARD AND RELIEF INVENTORY OF DRINKING SITUATIONS**  
Victoria R. Votaw, B.A., Rylee Brachle, Jenny Fillebrown, B.A., Matthew Lopez, Ethan Van, Isabel Weisberg, Katie Witkiewitz, Ph.D.
17. **DIFFERENTIAL IMPACT OF EARLY DRINKING MILESTONES ON TREATMENT RECIDIVISM**  
Andrew Moore, BS, Calista Foo, BS, Ben Lewis, Ph.D., Sara Jo Nixon, Ph.D.
18. **DO OVERLAPPING EFFECTS OF ALCOHOL AND CANNABIS RELATE TO GREATER RISK FOR MENTAL HEALTH SYMPTOM. S.?**  
Eleftherios Hetelekides, M.S., Alexander Tyskiewicz, M.S., Brenna Carter, BS, Naomi McFarland, BS, Bradley Conner, Ph.D., Hollis Karoly, Ph.D.
19. **KEEPING CALM AND CAUSING CONCERN: A QUALITATIVE ANALYSIS OF ANXIETY ON A PRENATAL CANNABIS USE FORUM**  
Mary Ellen Fernandez, B.A., Lauren Micalizzi, Ph.D., Elizabeth Aston, Ph.D., Jacqueline Nesi, Ph.D., and Rachel Gunn, Ph.D.
20. **NEGATIVE URGENCY AND MARIJUANA PROBLEM. S.: A MODEL OF COPING MOTIVES AND COLLEGE MARIJUANA BELIEFS**  
Rebecca Dunaief, Isabela Ortiz Caso, Adrian J. Bravo, Ph.D.
21. **LATEST USER PROFILE OF SYNTHETIC MARIJUANA USERS IN A NATIONAL REPRESENTATIVE SAMPLE**  
Weisiyu Qin, M.P.H., M.H.A., M.B.A., Shin Hyung Lee, Pharm.D., M.S. Kit K. Elam, Ph.D. Dong Chul Seo, Ph.D.
22. **USING QUALITATIVE METHODS TO GAUGE INTEREST IN MEDICAL CANNABIS CARDS AMONG THOSE WHO USE CANNABIS**  
Dana Rubenstein, B.A., Benjamin L. Berey, Ph.D., Elizabeth R. Aston, Ph.D.

23. **REASONS FOR CANNABIS USE IN ADULTS: AN EVENT-LEVEL ANALYSIS**  
Mackenzie T. Kiniry, Allison J. Balogh, Renee E. Magnan, Ph.D., Benjamin O. Ladd, Ph.D.
24. **DOES ACCESSIBILITY OF CANNABIS MEDIATE THE RELATION BETWEEN METHOD OF ACQUISITION AND CANNABIS USE FREQUENCY AMONG ADOLESCENTS**  
Alexander Jacob Tyskiewicz, M.A.C.P., Patrice Arkfeld BS, Emma Smith BS, Jonathan Eilerman BS, & Bradley Conner Ph.D.
25. **YOUNG ADULTS' EVALUATIONS OF CANNABIS CONSEQUENCES: DIFFERENCES BY STUDENT STATUS AND USE FREQUENCY**  
Anne M Fairlie, Ph.D., Katherine Walukevich-Dienst Ph.D., Melissa A. Lewis Ph.D., Christine M. Lee Ph.D.
26. **PTSD SYMPTOM. S. MODERATE THE ASSOCIATION BETWEEN DAILY CANNABIS USE AND SUICIDAL IDEATION**  
Diamond C. McCollum, BS, Katie R. Moskal, BS, Maswoof Ali, BS, & Jenni B. Teeters, Ph.D.
27. **THE EFFECT OF DRIVING, SLEEP, AND TYPICAL CONTEXTS ON DEMAND FOR CANNABIS: A PRELIMINARY ANALYSIS**  
Brandon P. Miller, M.S., Elizabeth R. Aston, Ph.D., Michael Amlung, Ph.D.
28. **PERCEPTIONS AND ATTITUDES RELATED TO DRIVING AFTER CANNABIS USE IN US AND CANADIAN ADULTS**  
William Davis, B.G.S., Brandon Miller, M.A., Alison Haney, Ph.D., Denis McCarthy, Ph.D., Michael Amlung, Ph.D.
29. **RELATIONSHIPS BETWEEN PRESENCE OF OTHERS AND EVENT-LEVEL EXPERIENCES DURING CANNABIS USE**  
Joshua Stanz, M.A., Renee Magnan, Ph.D., Benjamin Ladd, Ph.D.
30. **USE OF REAGENT KITS & FENTANYL TEST STRIPS AMONG ELECTRONIC DANCE MUSIC EVENT ATTENDEES IN COLORADO**  
Devin Henry, Wes MacLean, Cianna Piercey, BS, Maia Bransom, Joseph Bunch, B.A., Jeffrey Snodgrass, Ph.D., Bradley Conner, Ph.D., & Hollis Karoly, Ph.D.
31. **REDUCING AMBIVALENCE IS A MECHANISM OF CHANGE IN MOTIVATIONAL INTERVIEWING**  
David P. Forman, M.S., M.S.W. Jon M. Houck, Ph.D., Theresa B. Moyers, Ph.D.
32. **THE INDIRECT EFFECT OF ANXIETY SENSITIVITY ON REASONS FOR SMOKING THROUGH FALSE SAFETY BEHAVIORS**  
Pamella Nizio, BS, Christopher Zappi, BS, Tanya Smit, BS, Andre Bizier, BS, Julia D. Buckner, Ph.D., Brooke Y. Kauffman, Ph.D., Michael S. Businelle, Ph.D., Michael J. Zvolensky, Ph.D., and Lorra Garey, Ph.D.
33. **AN ASSESSMENT OF STIGMATIZING ATTITUDES TOWARDS THERAPEUTIC PSYCHEDELIC USE AMONG CLINICIANS**  
Rachel Barry, B.A., Aileen Kuscera, M.S. PA-C, Richa Wadekar, BS, and Nancy A. Haug, Ph.D.
34. **PERCEPTIONS MATTER: ATTITUDES ABOUT MEDICATION FOR OPIOID USE DISORDER IMPACT OUTCOMES**  
Katherine Nameth, BS; Katherine Watkins, M.D., Elizabeth Ueland, BS, Jennifer Manuel, Ph.D., Lane Burgette, Ph.D., Karen Osilla, Ph.D.
35. **LATENT CLASS ANALYSIS OF SOCIAL ANXIETY, DEPRESSION, AND PREGAMING MOTIVES AMONG COLLEGE STUDENTS**



Reagan E. Fitzke, BS, Jordan P. Davis, Ph.D., Liv Canning, B.A., Toni Atieh, BS, Justin F. Hummer, Ph.D., Eric R. Pedersen, Ph.D.

36. **MEASUREMENT OF SENSATION SEEKING PERSONALITY TRAIT THROUGH EMERGENT BEHAVIORAL PARADIGM. S.**  
Sam DiCecco, M.A.
37. **DIFFERENCES IN THE USE OF PROTECTIVE BEHAVIORAL STRATEGIES BETWEEN HELP SEEKERS AND NON-HELP SEEKERS**  
Sheena Adolphus, B.A., Juana Hernandez, Jaime, Kevin Montes
38. **EXTENDING AVERSIVE TRANSMISSION THEORY TO DRUG USE**  
Lauren Paxton, BS, Alexis Georgeson, Ph.D., Chloe Dupouy, BS, Laurie Chassin, Ph.D.
39. **QUALITY OF LIFE AS AN OUTCOME MEASURE FOR TREATMENT OF SUBSTANCE USERS WITH MULTIPLE COMORBIDITIES**  
Lori Eickleberry, Ph.D., Gabrielle Griffith, BS
40. **SUBSTANCE USE IMPACTS CHANGES IN SUBSTANCE FREE REWARD AND ACTIVITY ENGAGEMENT FROM PRETREATMENT TO 12-MONTH POSTTREATMENT**  
Louisa Kane, M.A., Zachary Stewart, B.A. Catherine Paquette, Ph.D. Alexander Vierling Stacey B. Daughters, Ph.D.
41. **DETERMINING TREATMENT CHARACTERISTICS: AN EXPLORATORY ANALYSIS OF THE TEXAS SUBSTANCE ABUSE FELONY TREATMENT PROGRAM**  
Shelby Hatch, M.A., Zachary Cooper Nichols, M.B.A., LCDCI
42. **A COMPARISON OF INJUNCTIVE AND DESCRIPTIVE NORM. S. IN DISCERNING BETWEEN E-CIGARETTE USER STATUS**  
Stephen Hanson, BS, Samantha Fitzer, BS, James M. Henson, Ph.D.
43. **PRELIMINARY EXAMINATION OF INTEGRATION OF BEHAVIORAL ECONOMIC THEORY INTO CLIENT LANGUAGE MEASUREMENT**  
Yi-Chun Chang, M.S., Benjamin O. Ladd, Ph.D., James G. Murphy, Ph.D., Brian Borsari, Ph.D., Jon Houck Ph.D.
44. **A LATENT CLASS ANALYSIS OF MOTIVES AND PROBLEMATIC SUBSTANCE USE SYMPTOM. S. AMONG MDMA/ECSTASY USERS**  
Richa Wadekar, BS, James Sottile, Ph.D., Kathryn Macia, Ph.D., Rachel Barry, BA, Nancy A. Haug, Ph.D.
45. **PROFILES OF RECOVERY FOLLOWING COGNITIVE BEHAVIORAL AND MINDFULNESS-BASED RELAPSE PREVENTION**  
David I.K. Moniz-Lewis, B.A., Katie Witkiewitz, Ph.D.
46. **POLY-PRESCRIPTION DRUG MISUSE AND POLYSUBSTANCE USE AND PERSONALITY TRAITS**  
Bowie Duncan, BS, Ty S. Schepis, Ph.D., Alison Looby, Ph.D., Laura J Holt, Ph.D.
47. **PREDICTORS OF MENTAL HEALTH AND SUBSTANCE USE SERVICES UTILIZATION AMONG JUSTICE-INVOLVED YOUTH**  
Caroline Corvin, BS, Kaitlin M. Sheerin, Ph.D., Alexandria C. Capolino, M.A., Nazaret C. Suazo, B.A., Lauren Micalizzi, Ph.D., Kathleen Kemp, Ph.D., Anthony Spirito, Ph.D.
48. **SIMILARITIES AND DIFFERENCES IN INDIVIDUAL-LEVEL CORRELATES OF ACADEMIC AND RECREATIONAL NMUPS**  
Alynn Summit, M.A., Nora E. Noel, Ph.D., Patrick D. Quinn, Ph.D.

49. **TYPE OF SPORT WAGERED ON AND RISK OF PROBLEM GAMBLING IN A NATIONALLY REPRESENTATIVE U.S. SAMPLE**  
Christopher G. Floyd, M.S., Joshua B. GrubBS, Ph.D.
50. **RESPONSIBLE GAMING PRACTICE ACROSS VARIOUS GAMBLING BEHAVIORS: RESULTS FROM A NATIONAL SAMPLE**  
Alexander J. Connolly, M.A., Joshua B. GrubBS, Ph.D.
51. **FROM INNOVATION TO IMPACT: HOW ENTREPRENEURSHIP TRAINING CAN ENHANCE INTERVENTION DISSEMINATION**  
Laura J. Holt, Ph.D., Amanda K. Gilmore Ph.D., Nicholas Christian M.D., M.B.A.
52. **A UNIFIED THEORY OF ADDICTION**  
Robert Pretlow, M.D.
53. **TEAM WORK: OUTPATIENT PROVIDER IN CONTINGENCY MANAGEMENT (CM) PROGRAM AT MEDVAMC**  
Jessica Spofford, Ph.D., Marilyn Hinojosa-Lindsey, Ph.D., Ariel Sloan, M.D., Anthony Ecker, Ph.D.
54. **DAYTIME TOBACCO USE AS A ROBUST PREDICTOR OF SUBSTANCE USE OUTCOMES**  
Alexander W. Sokolovsky, Ph.D., Helene R. White, Ph.D., Kristina M. Jackson, Ph.D.
55. **TYPE OF MEDICATION THERAPY FOR ADHD AND STIMULANT MISUSE DURING ADOLESCENCE**  
Ty Schepis, Ph.D., Kennedy S Werner, BS, Olivia Figueroa, Vita V McCabe M.D., John E Schulenberg, Ph.D., Philip T Veliz, Ph.D., Timothy E Wilens, M.D., Sean Esteban McCabe, Ph.D.
56. **PSYCHOSOCIAL FACTORS THAT SORT COLLEGE STUDENTS INTO E-CIGARETTE USER AND NON-USER CATEGORIES**  
Samantha A. Fitzer, M.S, Stephen Hanson, BS, James M. Henson, Ph.D.
57. **DEVELOPMENT AND VALIDATION OF THE SUBSTANCE USE PROTECTIVE STRATEGIES SCALE (SUPSS)**  
Jakub Gren, M.A., Dylan K. Richards, Ph.D., Matthew R. Pearson, Ph.D., Krzysztof Ostaszewski, Ph.D.

## Call for Papers—Publish with The Canadian Journal of Addiction

**The Canadian Journal of Addiction/Journal Canadien d'Addiction (CJA-JCA)** is the official publication of the Canadian Society of Addiction Medicine.

This peer-reviewed journal is devoted to practical clinical research, management and treatment issues related to addictive disorders and their behaviors.

The journal publishes broad-spectrum, patient-oriented coverage of all aspects of addiction, directed toward an audience of addiction medicine clinicians, primary care providers, psychiatrists, clinical psychologists, pharmacists, and other health care practitioners involved in alleviating the consequences of the misuses of alcohol and licit and illicit drugs as well as addictive behaviors.

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3-PM049

# NETWORKING & SOCIAL EVENTS

**THURSDAY, March 23<sup>rd</sup> 4:30pm**

Alvarado Ballroom D

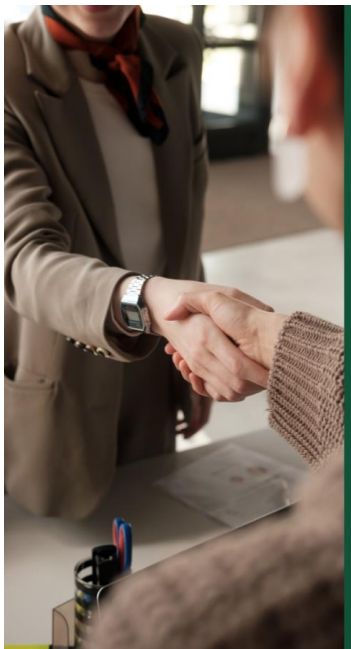
## **Social Hour**

Join us in during the first poster session for an informal social hour and connect with familiar and new colleagues and friends! All attendees across career levels are welcome. Non-alcoholic beverages and snacks will be served. Alcoholic beverages will be available for purchase at the cash bar.


**THURSDAY, March 23<sup>rd</sup> 2023 5:30pm**

Atrium C

## **Student Speed-Networking**



Collaborative Perspectives on Addiction 2023  
Albuquerque, NM



# Student Speed-Networking Event

Join us for an hour of networking to meet students with similar interests as you & connect with peers within the field of psychology.  
No registration required!

**Thursday, March 23 at 5:30pm - Atrium C**

Brought to you by the APA Division 50 Student Committee

**FRIDAY, March 24<sup>th</sup> 2023, 8:00am**

**Atrium C**

**Meditation/Mindfulness Session**



Collaborative Perspectives on Addiction 2023  
Albuquerque, NM



## Mindfulness Meditation Session

Join us for a mindfulness meditation led by David "Ikela" Moniz-Lewis, a Ph.D. Student at the University of New Mexico and a mindfulness facilitator

**Friday, March 24 at 8:00am - Atrium C**

Brought to you by the APA Division 50 Student Committee

**Friday March 24<sup>th</sup> 12:30pm**

**Mentor/Mentee Lunch**

**ATRIUM H**



Collaborative Perspectives on Addiction 2023  
Albuquerque, NM



## Mentor-Mentee Lunch

Trainees will be matched with expert mentors to discuss building a career as an addiction psychologist & navigating the transitions from undergraduate through early career positions.

*\*\*Prior RSVP required\*\**

**Friday, March 24 at 12:30pm - Atrium H**

Brought to you by the APA Division 50 Student Committee



**FRIDAY, March 24<sup>th</sup> 5:30pm**

Les Combes

**Student and Early Career Social hour – sponsored by PUMP**

Collaborative Perspective on Addiction 2023  
Albuquerque, NM



# Student & Early Career Social Hour

Please join us for a social hour sponsored by the Promoting Underrepresented Minorities in Psychology (PUMP) program. All conference attendees are welcome!

To learn more about PUMP, visit <https://t.co/mJNS9i5x8y>

**Friday, March 24 at 5:30pm**  
**Les Combes Winery & Bistro**



# FLOOR MAPS

