



DENVER, CO

**Equity at every stage: Addressing addiction across the lifespan
and bridging disparities**

April 11-13, 2024

Denver, Colorado, USA



#CPA2024 | @APADivision50

WEDNESDAY, April 10th, 2024

3:00pm-
8:00pm

Registration

Front Lobby

THURSDAY, April 11th, 2024

7:30am

Registration & Continental Breakfast

ASPEN FOYER

Opening Ceremony

9:30am

ASPEN BALLROOM

10:45am

Break: Coffee and Tea

Symposium:

Adapting brief alcohol interventions to real-life set and setting

Symposium:

Recent laboratory and survey research on cannabis demand: Novel methods and clinical implications

Symposium:

Prevention, intervention, and continuing care across phases of use and recovery

11:00am

ASPEN BALLROOM

COLORADO BALLROOM A

COLORADO BALLROOM B

12:30pm

LUNCH ON YOUR OWN

Symposium:

Empowering change: diverse digital solutions for addressing substance use across the lifespan

Symposium:

Navigating the odds: understanding and addressing problem gambling

Symposium:

Where the rubber meets the road: practical considerations for community-based research trials

1:45pm

ASPEN BALLROOM

COLORADO BALLROOM A

COLORADO BALLROOM B

3:00pm

BREAK: Coffee and Tea

Program chairs' choice paper session 1:

Life course of evidence: a critical evaluation of equity and expertise in substance use research

Symposium:

Trauma & addiction: etiology, return to use, and disparities among marginalized populations

Symposium:

From laboratory administration to treatment: a discussion of shared experience across substance use

3:15pm

ASPEN BALLROOM

COLORADO BALLROOM A

COLORADO BALLROOM B

4:30pm

Poster session 1

CPA social/happy hour

COLORADO FOYER

5:30pm

Student speed-networking event

MAROON PEAK

FRIDAY, April 12th, 2024

7:00am	Registration & Continental Breakfast		
	ASPEN FOYER		
8:15am	Keynote address		
	ASPEN BALLROOM		
9:30am	Break: Coffee and Tea		
9:45am	Program chairs' choice Paper session 2: Bridging gaps in addiction and recovery: Equity-focused considerations across the life course	Symposium: Implementing remote cognitive assessment In naturalistic settings: Methods, outcomes, and future directions	Symposium: Applying a behavioral economic framework To advance health equity among underrepresented populations
	ASPEN BALLROOM	COLORADO BALLROOM A	COLORADO BALLROOM B
11:00am	Break: COFFEE AND TEA		
11:15am	Symposium: Cognitive, emotional, and Behavioral correlates Of pregaming and alcohol-related Consequences	Symposium: Expanding upon change talk: Advancing measurement of client Language during brief interventions	Symposium: Leveraging qualitative methodology To develop effective treatments for Substance use disorders across adulthood: working with young to older adults.
	ASPEN BALLROOM	COLORADO BALLROOM A	COLORADO BALLROOM B
12:30pm	MENTOR-MENTEE LUNCH (Registered Attendees Only)		LUNCH ON YOUR OWN
	Mt. Sopris		
1:45pm	Diversity panel: Mentoring scholars from diverse backgrounds: best practices for effective mentorship		
	MAROON PEAK		
3:00pm	Break: COFFEE AND TEA		
3:15pm	Symposium: Harnessing digital technologies To prevent substance misuse In young adults	Symposium: Behavioral "addictions" And substance use: Considerations for Addiction psychology	Symposium: Using national survey Data to study social and Contextual processes in early adult substance use
	ASPEN BALLROOM	COLORADO BALLROOM A	COLORADO BALLROOM B
4:30pm	Poster Session 2		
	COLORADO FOYER		
5:30pm	Pump-sponsored social hour West Surrender Saloon and Kitchen		

SATURDAY, April 13th, 2024

7:00am	Registration & Continental Breakfast	
8:30am	Poster session 3	
	COLORADO FOYER	
9:30am	Kratom use in the United States: emerging frontiers and diverse methodologies	The importance of social processes in understanding risk for alcohol problems
	COLORADO BALLROOM A	COLORADO BALLROOM B
10:45am	Break	
11:00am	Delay discounting and associated risk for substance use across the lifespan	Perspectives from Canada: addressing addiction treatment and recovery inequities
	COLORADO BALLROOM A	COLORADO BALLROOM B
12:15pm	Break	
12:30pm	Acculturation, discrimination, and alcohol use among Hispanic/Latinx college students	Using qualitative methods to understand cannabis use behavior and related outcomes
	COLORADO BALLROOM A	COLORADO BALLROOM B

DETAILED PROGRAM & ABSTRACTS

Abstracts for individual presentations can be found on CPA2024 website:

<https://addictionpsychology.org/cpa>

Program Chairs' Choice Paper Sessions

Time: Thursday April 11th at 3:15pm

Place: Aspen Ballroom

Title: Program Chairs' Choice Paper Session 1: LIFE COURSE OF EVIDENCE: A CRITICAL EVALUATION OF EQUITY AND EXPERTISE IN SUBSTANCE USE RESEARCH

Chair: Siddhi S. Ganesh, AB BS

Discussant: Ricky Bluthenthal, PhD

Session Summary:

How do we know what we know and when do we know it in the Public Health Sciences? The proposed symposium, entitled the life course of evidence: critical reflections on equity and expertise in substance use research, turns to social, environmental, political, and personal dynamics that shape knowledge production. We place an emphasis on institutional forces that affect research design, data collection, and dissemination. By exploring these factors, we collectively argue evidence has a life course that is socially determined, it grows from suspect, anecdotal accounts to the policy-relevant expert knowledge of researchers.

We open our symposium with a brief discussion of empiricism and the valuation of knowledge in the public health sciences to foreground the developmental cycle and longevity of good evidence. We then offer a critical perspective of the role of direct experiential knowledge of people who use drugs and community workers at the beginning of the evidence generation process.

We then discuss how direct, anecdotal observations of emergent trends are broadened through expert ethnographic, community based participatory, and cross-sectional and longitudinal survey data. Using data from multiple studies based in Los Angeles, these talks highlight the institutional tensions that structure knowledge production, from the value of lived and living experience, to the construction of the community, professional autonomy and institutional siloing, and the political and personal hazards of research. Our collective finding shows the life course of evidence is often slowed by social forces, to the detriment of people who use drugs in need of immediate, improved interventions and care.

1. "IN OTHER NEWS, WATER IS WET: REALITY EXISTS WITHOUT PUBLICATION"

Amanda Cowan, MSc

**2. WE DON'T WANT THEM TO KNOW HOW THE SAUSAGE IS MADE: HOW
STAKEHOLDER VULNERABILITY SHAPES RESEARCH**

Anthony DiMario, PhD(c)

**3. CONTEXTUALIZING DRUG SEEKING BEHAVIOR: "ALL THE DOPEFIEND REALLY
NEEDS IS JUST SOMEWHERE TO SLEEP"**

Siddhi S. Ganesh, AB, BS, Jesse L. Goldshear PhD, Kevin Dinh BS, Rachel C. Ceasar PhD,
Ricky N. Bluthenthal PhD

**4. OPIOID USE DISORDER TREATMENT FOR CRIMINAL-JUSTICE INVOLVED
POPULATIONS: KEY CHALLENGES AND RESEARCH**

Kelsey A Simpson, PhD, Peter J. Davidson, PhD

Time: Friday April 12th at 9:45am

Place: Colorado Ballroom A

Title: PROGRAM CHAIRS' CHOICE PAPER SESSION 2: BRIDGING GAPS IN ADDICTION
AND RECOVERY: EQUITY-FOCUSED CONSIDERATIONS ACROSS THE LIFE COURSE

Chair: Jordan Jurinsky

Discussant: Erin Deneke, PhD

Session Summary:

**1. LATENT PROFILE ANALYSIS OF RECOVERY CAPITAL AMONG INDIVIDUALS IN
RECOVERY FROM ALCOHOL PROBLEMS**

Kyler S. Knapp PhD, Jessica B. Knapp PhD, Elizabeth Bowen PhD

**2. POSTING ABOUT ALCOHOL ON SOCIAL MEDIA AND ALCOHOL OUTCOMES IN A
DIVERSE SAMPLE OF YOUNG ADULTS**

Lily Davidson PhD

**3. VALIDITY OF THE ASSESSMENT OF RECOVERY CAPITAL AMONG YOUTH AT
RECOVERY HIGH SCHOOL**

Jordan Jurinsky MeD, Andrew Finch PhD, Emily A. Hennessy PhD, Velma McBride Murry
PhD, C Andr  Christie-Mizell PhD, Jessica M Perkins PhD

**4. ADDRESSING ALCOHOL-RELATED DISPARITIES ACROSS THE LIFESPAN AMONG
FIRST NATIONS**

Nichea Spillane PhD

Symposium Sessions

Time: Thursday, April 11th at 11:00am

Place: Aspen Ballroom

Title: ADAPTING BRIEF ALCOHOL INTERVENTIONS TO REAL-LIFE SET AND SETTING

Chair: Mary Beth Miller, Ph.D.

Discussant:

Session Overview:

Individuals who experience problems related to alcohol use rarely seek 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). As such, novel ways to reach high-risk drinking populations and prevent alcohol-related harm are needed. Consistent with CPA's theme of bridging disparities in addiction, this symposium will discuss strategies for adapting prevention/intervention efforts to the everyday mindset (set) and environment (setting) of those we aim to serve. Talks will target substance use across the lifespan. Specifically, Dr. Litt will present the feasibility and acceptability of a parent-based intervention leveraging social media to reduce alcohol use among adolescents. Dr. Cox will describe contextual influences on high-intensity drinking among young adults and the behavior change techniques that could be adapted to just-in-time adaptive interventions to mitigate these influences. Dr. DiBello will share the results of a randomized controlled trial testing the impact of an intervention designed to attitudes (rather than norms) toward heavy drinking among college students who do not necessarily want to change their drinking. Finally, Dr. Miller will report the results of a randomized controlled trial using treatment of a common and less stigmatized comorbidity (insomnia) to engage and enhance the effects of brief alcohol intervention among veterans. Findings are expected to inform treatment, improve outcomes, and potentially increase access to substance use interventions across diverse populations.

1. FEASIBILITY AND ACCEPTABILITY OF A PARENT-BASED INTERVENTION TO ADDRESS SOCIAL MEDIA INFLUENCES ON ADOLESCENT ALCOHOL OUTCOMES

Dana Litt, PhD, Scott Graupensperger, PhD, Allison Cross, MS, Haleigh Hicks, BS, and Melissa A. Lewis, PhD

2. INCORPORATING CONTEXT INTO AN MHEALTH INTERVENTION TO ADDRESS HIGH-RISK ALCOHOL USE

Melissa J. Cox, PhD, MPH, and McKenna Roudebush, MPH

3. THE EFFICACY OF COUNTER-ATTITUDINAL ADVOCACY AND PERSONALIZED ALCOHOL FEEDBACK FOR COLLEGE STUDENTS

Angelo DiBello, PhD, Kate B Carey PhD, Clayton Neighbors PhD, Melissa Hatch PhD, and Andrew Weinstein PhD

4. ADDRESSING SLEEP TO ENHANCE BRIEF ALCOHOL INTERVENTIONS AMONG VETERANS

Mary Beth Miller, PhD, Brian Borsari PhD, Sydney Shoemaker MS, Katie Moskal MS, Bruce Bartholow PhD, Douglas L Steinley PhD, and Christina S McCrae PhD

Time: Thursday, April 11th at 11:00am

Place: Colorado Ballroom A

Title: RECENT LABORATORY AND SURVEY RESEARCH ON CANNABIS DEMAND: NOVEL METHODS AND CLINICAL IMPLICATIONS

Chair: Brandon P. Miller, MS, MA

Discussant: Michael Amlung, Ph.D.

Session Overview:

A purchase task is a parametric analysis of drug demand or the quantitative association between drug consumption and price. Though there is a substantial body of literature on alcohol demand, the cannabis demand literature is still in its infancy, and many important questions remain. This symposium explores novel research on cannabis demand using several different populations and methodologies. First, Dr. Alba González-Roz will present how cannabis demand changes as a result of a potential legal cannabis scenario in Spain. Second, Brandon P. Miller will present the impact of a range of next-day responsibilities on cannabis demand among everyday cannabis users. Third, Dr. Richard Macatee will present the effect of cannabis cues and stress induction on a sample of people with cannabis use disorder. Finally, Dr. Elizabeth Aston will present the associations between distress tolerance, cannabis demand, and an ad libitum cannabis administration session. Dr. Michael Amlung (Discussant) will provide a summary and discuss the implications for future research and interventions. Collectively, this symposium will provide an update on recent advancements in the cannabis demand literature, emphasizing exploring how these findings generalize across populations and how behavioral economics can be leveraged to inform interventions to reduce the adverse consequences associated with cannabis use.

1. BEHAVIORAL ECONOMICS OF LEGAL CANNABIS DEMAND IN SPANISH ADOLESCENTS AND YOUNG ADULTS

Alba González-Roz, PhD, Clara Iza-Fernández, Layla Alemán-Moussa, Ignacio Cuesta-López

2. THE MARIJUANA PURCHASE TASK AND THE EFFECT OF NEXT-DAY RESPONSIBILITIES ON CANNABIS DEMAND

Brandon P. Miller, MS, MA, Sarah C. Weinsztok, PhD, Michael Amlung, PhD

3. CANNABIS DEMAND, DISTRESS TOLERANCE, AND BOTH RETROSPECTIVE AND LABORATORY AD LIBITUM CANNABIS USE

Elizabeth R. Aston, PhD, Benjamin L. Bery, PhD

4. LABORATORY STRESS AND CANNABIS CUE EXPOSURE EFFECTS ON DEMAND FOR CANNABIS

Richard J. Macatee, PhD, Elizabeth R. Aston, PhD, Brandon S. Schermitzler, BS, Thomas J. Preston, MS, Kaveh Afshara, MS

Time: Thursday, April 11th at 11:00am

Place: Colorado Ballroom B

Title: PREVENTION, INTERVENTION, AND CONTINUING CARE ACROSS PHASES.

Chair: Gaylen Fronk, MS

Discussant:

Session Overview:

Although treatments for substance use disorders (SUDs) are often effective when delivered, most individuals who need treatment do not receive it. This suggests a need for improved support that spans the trajectories of substance use and SUDs. Continuing care models offer a framework for providing support that can adapt over time, across phases of use and recovery, and across substances. Continuing care could include prevention and early intervention efforts, intensive treatment (e.g., residential treatment), traditional clinician-delivered interventions (e.g., psychotherapy, medication treatment), and ongoing support using non-traditional treatment methods (e.g., digital therapeutics and monitoring). Broadening how we support individuals with SUDs may not only improve effectiveness but also address issues of low and inequitable access to specialty care that contribute to disparities in mental healthcare.

We discuss the promise of a variety of continuing care efforts among individuals who use substances. Dr. Rachel Tomko will propose opportunities for prevention and treatment targets among young adults at-risk for cannabis use disorder, focusing on genetic factors that may affect cannabis metabolism and subjective experiences. Dr. Hayley Treloar Padovano will demonstrate the feasibility and acceptability of providing personalized, brief interventions alongside digital monitoring to individuals with or at-risk for alcohol-related liver disease. Noam Newberger will characterize treatment engagement and effectiveness among individuals re-entering the community after completing residential substance use treatment. Gaylen Fronk will show how ecological momentary assessment embedded within digital therapeutics may offer a solution for long-term self-monitoring of risk for return to alcohol use during early recovery.

1. SEX DIFFERENCES IN CYTOCHROME P450 GENOTYPES AND CANNABIS USE DISORDER RISK FACTORS IN YOUNG ADULTS

Rachel Tomko, PhD, Christal Davis PhD, John Markowitz PharmD, Lindsay Squeglia PhD, Jarrod Ellingson PhD, Diana Kretschmer, Aimee McRae-Clark PharmD, Kevin Gray MD

2. PERSONALIZING ALCOHOL SCREENING/INTERVENTION WITH LIVER BIOMARKER FEEDBACK AND DIGITAL MONITORING

Hayley Treloar Padovano, PhD, Gabruel Muro BA, Kittichai Promrat MD, Jessica Mellinger MD MSc, Molly Magill PhD, Peter Monti PhD

3. SUBSTANCE USE TREATMENT DURING THE PERIOD OF COMMUNITY RE-ENTRY

Noam Newberger, MA, Emmanuel D Thomas MA, Silvi C Goldstein MA, Jewelia J Ferguson BA, Diana Ho BS, Fengqing Zhang PhD, Nicole Weiss PhD

4. DYNAMIC ASSESSMENT OF SELF-EFFICACY PREDICTS FUTURE ALCOHOL USE

Gaylen Fronk, MS, Ariela Papp BS, Kendra Wyant MS, Sarah Sant'Ana MS, John Curtin PhD

Time: Thursday, April 11th at 1:45pm

Place: Aspen Ballroom

Title: EMPOWERING CHANGE: DIVERSE DIGITAL SOLUTIONS FOR ADDRESSING SUBSTANCE USE ACROSS THE LIFESPAN

Chair: Anne C. Fernandez, PhD.

Discussant:

Session Summary:

Digital tools, including mobile health apps, hold great promise as stand-alone or adjunctive treatments for pre-addiction and addiction. Most Americans, even those with limited financial resources, use mobile devices, yet as few as 10% of those with substance use disorders receive formal treatment. Digital tools could reach this large population of under-served individuals. This symposium presents four projects of digital tools to address substance use across the lifespan. Dr. Coughlin will present promising findings from a pilot randomized factorial trial of mobile behavioral economic (BE) interventions for rural-residing adults with at-risk alcohol use. She will describe several novel BE-informed treatments and present acceptability, feasibility, and exploratory efficacy results. Dr. Peterson will present results from an open trial of Alcohol Feedback, Reflection, and Morning Evaluation (A-FRAME), a mobile-delivered personalized feedback intervention to reduce young adult heavy drinking. She will present innovative features that allow participants to tailor their feedback, and share engagement and satisfaction data. Dr. Florimbio will present iterative development of MiWaves, an app-based just-in-time adaptive intervention for young adults using cannabis. She will present MiWaves' unique features and preliminary findings from beta testing. Dr. Fernandez will present data from On-Track, a digital tool to support self-management of alcohol and other drug use after surgery. She will present data on On-Track engagement, participant goal achievement, and patterns of substance use among young, middle-aged, and older adults. Together, the symposium will present a suite of digital tools, among diverse samples, that address problematic substance use across the lifespan.

1. ACCEPTABILITY AND FEASIBILITY OF A MOBILE BEHAVIORAL ECONOMIC HEALTH INTERVENTION TO REDUCE ALCOHOL USE IN RURAL AREAS

Lara Coughlin, PhD, Natalie Bayrakdarian BS, Erin E. Bonar PhD, Isabelle Duguid BS, Lauren Hellman BA, Sarah Salino BA, Chelsea Wilkins MS, Mary Jannausch MA, James R McKay PhD, Michele Staton PhD, Katherine Dollard PhD, Inbal Nahum-Shani PhD, Maureen A. Walton PhD, Frederic C. Blow PhD

2. ON-TRACK: AN INCENTIVIZED DIGITAL INTERVENTION FOR SELF-MANAGEMENT OF ALCOHOL AND OTHER SUBSTANCE USE AFTER SURGERY

Anne C. Fernandez, PhD, Jake Solka, MS; Xintong Ju, MA; Ashley Kocher, BS; Sergio Estevan Pena, MA; Richard Davies, BA; Kelley Kidwell, PhD; Jennifer Waljee, MD; Maureen A. Walton MPH, PhD

3. OPEN TRIAL OF ALCOHOL FEEDBACK, REFLECTION, AND MORNING EVALUATION (AFRAME): A MOBILE DELIVERED PERSONALIZED FEEDBACK INTERVENTION

Roselyn Peterson, PhD, Neo Gebru, PhD, Nancy P. Barnett, PhD, Kate B. Carey, PhD, Jennifer E. Merrill, PhD

4. FROM CONCEPT TO CREATION: DEVELOPING AN APP-BASED INTERVENTION TO REDUCE EMERGING ADULTS' CANNABIS USE

Autumn Rae Florimbio, PhD, Lara N. Coughlin PhD, Tiffany Wheeler BA, Maya Campbell BS, Chavez Rodriguez BA, Susobhan Ghosh MS, Pei-Yao Hung PhD, Erin E Bonar PhD, Maureen A. Walton MPH PhD, Susan Murphy PhD, Inbal Nahum-Shani PhD

Time: Thursday April 11th at 1:45pm

Place: Colorado Ballroom A

Title: NAVIGATING THE ODDS: UNDERSTANDING AND ADDRESSING PROBLEM GAMBLING

Chair: Jessica L. Martin, PhD

Discussant: None

Session Summary:

Problem gambling in the United States is a growing concern that reflects the evolving landscape of gambling accessibility. Problematic gambling affects individuals across diverse demographic backgrounds. The proliferation of easily accessible online gambling platforms and legalized sports wagering, coupled with the expansion of brick-and-mortar casinos, has contributed to the rise in gambling and gambling-related harms. Studies suggest an estimated 2-3% of the U.S. population exhibits signs of problem gambling, with an additional 1% identified as pathological gamblers (Gabellini et al, 2023). These individuals often face severe consequences (e.g., financial distress, strained relationships, mental health challenges) highlighting the need for research on the etiology, correlates, and risk factors of problematic gambling and gambling disorder. The first talk examines recent trajectories in sports wagering behaviors, gambling disorder symptoms, and substance use over time (March 2022-Sept 2023) among a large national sample. The second talk will discuss findings from a study of LGBTQ+ individuals in four U.S. States that investigated gambling prevalence, gambling behavior type, and comorbidity with substance use and other problem behaviors (i.e., overeating, pornography, shopping). The third talk reports findings from a national sample that examined gaming and gambling behaviors of sports themed video game (STVG) players compared to non-STVG players, illuminating an underexplored aspect of gaming psychology. Finally, the fourth presentation describes findings from a study examining the progression of gambling disorder and help-seeking behaviors, providing information about

types of gambling-specific help individuals seek based on demographics, level of gambling disorder, and types of gambling-related harms suffered.

1. SPORTS WAGERING IN THE UNITED STATES OVER TIME: A GROWTH CURVE ANALYSIS

Joshua B. Grubbs, Ph.D., Shane W. Kraus, Ph.D

2. GAMBLING BEHAVIOR, RISK, AND HARMS AMONG LGBTQ+ INDIVIDUALS

Michelle L. Malkin, JD, Ph.D., Michele Stacey, Ph.D.

3. SPORTS-THEMED VIDEO GAME PLAYERS: A VULNERABLE POPULATION FOR PROBLEM GAMBLING

Devin J. Mills, Ph.D.

4. UNDERSTANDING GAMBLING-RELATED HARMS AND HELP-SEEKING BEHAVIOR

Michele Stacey, Ph.D., Michelle L. Malkin, JD, Ph.D.

Time: Thursday April 11th at 1:45pm

Place: Colorado Ballroom B

Title: **WHERE THE RUBBER MEETS THE ROAD: PRACTICAL CONSIDERATIONS FOR COMMUNITY-BASED RESEARCH TRIALS**

Chair:. Matthew R Pearson, PhD

Discussant: Shelley (Zu-In) Su PhD

Session Summary:

Substance use disorder is a major public health problem that impacts a range of different communities. Community-based participatory research trials to support whole person functioning and well-being among individuals with substance use disorder are critical for developing and testing research questions of greatest importance to affected communities. This symposium features four implementation science projects engaging with communities to develop new programs to treat both chronic pain and opioid use/opioid use disorder (CP+OUD). These projects are part of the University of New Mexico (UNM) Integrative Management of chronic Pain and Opioid use disorder for Whole Recovery (IMPOWR) Center, which utilizes a holistic approach to assess and treat biopsychosocial factors that contribute to CP+OUD, reduce health inequities, and bridge the research to practice gap. The first presentation will summarize key findings from a pre-implementation provider survey used to identify readiness for organizational change, capacity for change, and attitudes/behaviors related to integrative treatment of CP+OUD (e.g., integrated Acceptance and Commitment Therapy+ Mindfulness-Based Relapse Prevention+pharmacotherapy). The second presentation will describe qualitative findings from a study aiming to culturally center integrated behavioral treatment for CP+OUD among Hispanic/Latino/a/e individuals who are seeking treatment with medications for OUD. The third presentation summarizes findings from qualitative interviews conducted for a study aimed at developing a text-message-delivered intervention for patients with chronic pain who take buprenorphine. The fourth

presentation highlights both pre-implementation provider survey results as well as a qualitative review of implementation barriers derived from intervention workgroup meetings in an implementation trial focused on American Indian/Alaska Native communities..

1. OPIOID USE AND CHRONIC PAIN: ARE CLINICS READY AND WILLING TO TREAT BOTH TOGETHER?

Christina Gillezeau, MPH, MS, Margo C. Hurlocker PhD, Megan Kirouac PhD, Donia Hijaz BA, Matthew R. Pearson PhD, Katie Witkiewitz PhD

2. CULTURALLY CENTERING A BEHAVIORAL TREATMENT FOR CHRONIC PAIN AND OUD FOR HISPANIC/LATINO/A/E PEOPLE

Frank J. Schwebel PhD, Angel R. Vasquez PhD, Alexandra Hernandez-Vallant MS, Kevin E. Vowles PhD, Matthew R. Pearson, PhD, Katie Witkiewitz, PhD

3. DEVELOPING TEXT MESSAGES TO IMPROVE BUPRENORPHINE ADHERENCE AND SUPPORT RECOVERY

David I. K. Moniz-Lewis MS, Hannah A. Carlon MS., Matthew R. Pearson PhD, Katie Witkiewitz PhD, Frank J. Schwebel PhD

4. CULTURAL ADAPTATIONS TO ENHANCE OPIOID AND PAIN TREATMENT IN INDIGENOUS COMMUNITIES (OPTIC)

Angel Vasquez PhD, Kamilla L. Venner PhD, Matthew R. Pearson PhD

Time: Thursday April 11th at 3:15pm

Place: Colorado Ballroom A

Title: TRAUMA & ADDICTION: ETIOLOGY, RETURN TO USE, AND DISPARITIES AMONG MARGINALIZED POPULATIONS

Chair: Colin T Mahoney, PhD

Discussant: Anne P DePrince, PhD

Session Summary:

Posttraumatic stress disorder (PTSD) and substance use disorders (SUDs) are complicated mental disorders that commonly co-occur and are associated with numerous negative outcomes including increased risk of experiencing violence, more severe physical health problems, more suicide attempts, and worse treatment outcomes. Given the significant clinical and public health concern of these sequelae, it is imperative to understand the etiology and maintenance of co-occurring PTSD-SUD, including underlying socioemotional factors, and high-risk periods of problematic use for trauma survivors. This symposium showcases empirical findings focused on substance use coping in the context of PTSD and trauma-related shame, return to use during vulnerable periods, and the impact of social reactions on substance-related issues among sexual and gender minority trauma survivors. First, Dr. Colin Mahoney will explore mixed methods data examining the self-medication hypothesis among women survivors of interpersonal violence. Second, Dr. Nicole Weiss will discuss the role of PTSD on return to use during the transitional period of community re-entry from residential SUD treatment among community adults. Third, Dr. Prachi Bhuptani will present qualitative data exploring the impact of trauma-related shame on opioid use outcomes among sexual trauma survivors using community-based participatory research. Lastly, Dr. Gabriela López will compare social reactions to sexual violence disclosure, heavy

episodic drinking, cannabis use, and PTSD symptoms among a large sample of bisexual+ and heterosexual women and nonbinary survivors. Dr. Anne DePrince will discuss the findings, including potential pathways for clinicians, researchers, and community members to intervene effectively and improve prognoses for individuals with co-occurring PTSD-SUDs.

1. A MIXED METHODS STUDY INVESTIGATING THE SELF-MEDICATION HYPOTHESIS AMONG WOMEN TRAUMA SURVIVORS

Colin T. Mahoney, PhD, Brigitta M. Beck BA, Kelly E. Dixon MA, & Rachel E. Thayer PhD

2. IMPACT OF PTSD ON RETURN TO SUBSTANCE USE AFTER RESIDENTIAL SUBSTANCE USE TREATMENT

Nicole H. Weiss, PhD, Noam G. Newberger MA, Diana Ho BA, Emmanuel D. Thomas MA, Jewelia J. Ferguson BA, & Enya A. Meade BA

3. OPIOID USE AND SEXUAL VIOLENCE: THE RELEVANCE OF SHAME

Prachi H. Bhuptani, PhD, Lindsay M. Orchowski PhD, Kirsten J. Langdon PhD, & Nicole H. Weiss PhD

4. BISEXUAL+ AND GENDER NONBINARY SEXUAL TRAUMA SURVIVORS: SUBSTANCE USE, PTSD, AND SOCIAL REACTIONS

Gabriela López, PhD, Prachi H. Bhuptani PhD, & Lindsay M. Orchowski PhD

Time: Thursday April 11th at 3:15pm

Place: Colorado Ballroom B

Title: FROM LABORATORY ADMINISTRATION TO TREATMENT: A DISCUSSION OF SHARED EXPERIENCE ACROSS SUBSTANCE USE

Chair: Scott E. King, MA

Discussant: Katie Witkiewitz, PhD

Session Summary:

Substance use is often driven by social and external physical influences, but social environments may also facilitate personal progress in treatment. However, few efforts have been made to synthesize how substance use or recovery experiences are influenced by sharing them with others. The four presentations in this symposium seek to address this gap. First, Scott King, M.A., will discuss how personal subjective responses and the perception of peer's subjective responses interact to predict craving and continued drinking in an EMA study. Results demonstrate that high levels of stimulating, rewarding subjective responses predict craving and continued drinking, and these effects are stronger when individuals perceive similar effects in their peers. Second, Jack Waddell, M. A., will focus on the impact of parental substance use disorders on childhood drinking. Results demonstrate that parental substance use disorders increase childhood drinking via negative urgency and dysregulated irritability, identifying mechanisms through which familial substance use confers risk. Third, Dr. Angela Haeny will discuss how shared racial identity influences substance use in a laboratory paradigm. Results indicate that personalized race-based stress increases alcohol craving, and this relation differs as a function of racial identity. Finally, Ikela Moniz-Lewis, M. A., will present preliminary findings from a randomized clinical trial of a web-based opioid treatment program for military veterans. Results of this study suggest that group

cohesion among virtual participants is quite high and does not differ across a variety of demographics. Together these talks demonstrate how shared factors influence personal experiences with substance use and recovery.

1. MOMENTARY INTERACTIONS BETWEEN PERSONAL AND PEER SUBJECTIVE RESPONSE AS PREDICTORS OF ALCOHOL USE

Scott E. King, MA, Jack T. Waddell MA, William R. Corbin PhD

2. PARENTAL SUD AND PARENTING AS CONTEXTUAL MECHANISMS PREDICTING NEGATIVE URGENCY AND DRINKING

Jack T. Waddell, MA, Ariel Sternberg PhD, Nancy Eisenberg PhD, Laurie Chassin PhD

3. THE IMPACT OF RACIAL STRESS ON ALCOHOL CRAVING AND RACIAL IDENTITY AS A POTENTIAL MODERATOR

Angela M. Haeny, PhD

4. INVESTIGATING TELEHEALTH GROUP COHESION AMONG VETERANS WITH CHRONIC PAIN & OPIOID USE DISORDER

David I.K. Moniz-Lewis, MS, Chloe Mullins, Verlin Joseph PhD, Juliana A. Bondzie MA, Kevin Vowles PhD, Katie Witkiewitz PhD

Time: Friday April 12th at 9:45am

Place: Colorado Ballroom A

Title: IMPLEMENTING REMOTE COGNITIVE ASSESSMENT IN NATURALISTIC SETTINGS: METHODS, OUTCOMES, AND FUTURE DIRECTIONS

Chair: Alexander W. Sokolovsky, PhD

Discussant: Mary Beth Miller, PhD

Session Summary:

We present an introduction for researchers considering remote cognitive assessment paradigms for use in naturalistic settings. To date, cognitive assessments have predominantly been limited to laboratory settings. Although laboratory assessments are canonical tools for testing cognitive processes posited by theories of addiction, the degree to which these processes manifest in real-world settings and influence substance use behavior is unknown. Further, the resource intensiveness and burden of laboratory approaches typically restrict research to between-subjects analyses or to acute administration effects among legal-age adults. Laboratory methods thus yield limited insight into short-term dynamics or day-level associations between cognitive processes and substance use outcomes. Technological advances in ambulatory assessment in naturalistic settings now facilitate remote administration of cognitive measures, increasing our understanding of how complex day-level dynamics in addictive processes may give rise to robust person-level phenotypes. However, given that these approaches remain nascent, consideration should be given to methodological development and implementation. To this end, our speakers will present a series of talks on developing remote cognitive assessments. Dr. Gunn will present an adapted Stroop Task to assess inhibitory control in simultaneous alcohol and cannabis use events. Dr. Janssen will present a mobile alcohol Approach-Avoidance Test and its relation to lab assessment, alcohol

use, and individual differences. Finally, Dr. Sokolovsky will present an adapted Dot Probe Task to assess attentional bias for tobacco stimuli and its relationship to daily patterns of tobacco use. Each of these talks will explore key design considerations such as substance of interest, target populations, and demographic moderators.

1. USE OF A STROOP TASK TO MEASURE INHIBITORY CONTROL IN REAL-WORLD ALCOHOL AND CANNABIS USE EVENTS

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

2. ECOLOGICAL MOMENTARY ASSESSMENT OF APPROACH/AVOIDANCE OF ALCOHOL STIMULI AMONG UNDERAGE DRINKERS

Tim Janssen, PhD, Hayley Treloar-Padovano PhD, Robert Miranda Jr. PhD, Kristina M. Jackson PhD

3. USING A REMOTE DOT PROBE TASK TO MEASURE ATTENTIONAL BIAS TO TOBACCO CUES IN NATURALISTIC SETTINGS

Alexander W. Sokolovsky, PhD, Kristina M. Jackson PhD

Time: Friday April 12th at 9:45am

Place: Colorado Ballroom B

Title: **APPLYING A BEHAVIORAL ECONOMIC FRAMEWORK TO ADVANCE HEALTH EQUITY AMONG UNDERREPRESENTED POPULATIONS**

Co-Chairs: Mariel S. Bello, Ph.D. and Neo M. Gebru, Ph.D.

Discussant: James Murphy, Ph.D.

Session Summary:

This symposium will focus on applying a behavioral economics framework to better measure, understand, and intervene on substance use and other risky behaviors among underrepresented populations in the U.S. Despite recent efforts, health inequities remain persistent among underrepresented populations, including in rates of substance use and other health outcomes. Examining behavioral economic constructs, such as demand, delay discounting, and reinforcement, as mechanisms of behavior change may help to identify factors that contribute to health disparities and inform tailored interventions. The first presentation from Dr. Bello will examine differences in the reinforcing efficacy of cigarettes across objective and subjective indicators of rural/urban residency among adults who smoke cigarettes daily. Extending this work to the study of sexual risk behaviors, the second presentation from Dr. Gebru will assess differences in sexual delay discounting among sexual minority men who take and do not take the HIV prevention preexposure prophylaxis (PrEP) medication. This will be followed by a presentation from Dr. Acuff, who will explore trajectories of aging out of heavy drinking in emerging adulthood, as well as invariance in time-invariant behavioral economic predictors of trajectories, across sex assigned at birth, race, and education. Dr. Ferguson will then extend findings to intervention development by using mixed-methods work to investigate alcohol demand and reinforcement among people with HIV (PWH), as well as the impact of COVID-19 on drinking. Collectively, these presentations will illustrate the utility of a behavioral economic

framework in identifying factors related to health disparities and inform innovative interventions that advance health equity.

1. DIFFERENCES IN CIGARETTE REINFORCEMENT ACROSS INDICES OF RURAL/URBAN RESIDENCY IN ADULTS WHO SMOKE

Mariel S. Bello, Ph.D., Rachel N. Cassidy, Ph.D., Suzanne M. Colby, Ph.D., Samuel F. Acuff, Ph.D., Jennifer E. Merrill, Ph.D., Christopher W. Kahler, Ph.D., Robert F. Leeman, Ph.D., & Neo M. Gebru, Ph.D.

2. SEXUAL DELAY DISCOUNTING AND USE OF PRE-EXPOSURE PROPHYLAXIS

Neo M. Gebru, Ph.D., Tyler James, Ph.D., Seungjun Ahn, Ph.D., JeeWon Cheong, Ph.D., Meredith Berry, Ph.D., Robert Cook, M.D., M.P.H., & Robert Leeman, Ph.D.

3. BEHAVIORAL ECONOMIC PREDICTORS OF HEAVY DRINKING TRAJECTORIES: DIFFERENCES BY SEX, RACE, & EDUCATION

Samuel F. Acuff, Ph.D., Kyla Belisario, M.A., Jillian Halladay, R.N., Ph.D., Ashley Dennhardt, Ph.D., Michael T. Amlung, Ph.D., Jalie A. Tucker, Ph.D., James MacKillop, Ph.D., & James G. Murphy, Ph.D.

4. HAZARDOUS ALCOHOL USE AMONG PEOPLE WITH HIV DURING COVID-19: A BEHAVIORAL ECONOMIC PERSPECTIVE

Erin Ferguson, Ph.D., Neo Gebru, Ph.D., Arryn A. Guy, Ph.D., David G. Zelaya, Ph.D., Jacob van den Berg, Ph.D., & Christopher Kahler, Ph.D.

Time: Friday April 12th at 11:15am

Place: Aspen Ballroom

Title: COGNITIVE, EMOTIONAL, AND BEHAVIORAL CORRELATES OF PREGAMING AND ALCOHOL-RELATED CONSEQUENCES

Chair: Banan Ramarushton, PhD

Discussant: Byron L. Zamboanga PhD

Session Summary:

The term “pregaming” describes drinking alcohol before attending a social event or gathering, often at a different location, and this behavior is widespread among young adults. Importantly, researchers have established that pregaming is associated with increased alcohol consumption and greater risk of experiencing negative drinking consequences. While key correlates of pregaming, like motives and individual difference factors (age, gender), have been previously explored with cross-sectional studies, less is known about the effects that different environmental and social contexts can have on pregaming behavior. Utilizing ecological momentary assessments (EMA), researchers are able to consider factors that precede pregaming behavior and/or pregaming consequences in different contexts. The aim of the present symposium is to explore the cognitive, emotional, and behavioral influences on alcohol consumption while pregaming along with subsequent alcohol-related consequences of pregaming using event-level methods. The first paper (Cross et

al.) investigates the link between occasion-level drinking cognitions and the likelihood of pregaming as well as alcohol-related behaviors on pregaming days. The second paper (Fitzke et al.) focuses on concurrent and prospective associations between pregaming and positive and negative affect. The third paper (Merrill et al.) examines associations between pregaming and non-pregaming days and risky alcohol use and related consequences. Taken together, these papers highlight the effects of cognition, emotion, and behavior on the decision to pregame across diverse samples (e.g., a large proportion of non-White and non-college attending young adults). The findings presented here have implications for interventions designed to reduce the harm associated with pregaming for young adults.

1. OCCASION-LEVEL EXAMINATION OF PREGAMING: ASSOCIATIONS WITH COGNITIONS, USE AND NEGATIVE CONSEQUENCES

Allison Cross MS, Zhengyang Zhou PhD, Anne M. Fairlie PhD, Dana M. Litt PhD, Christine M. Lee PhD, Melissa A. Lewis PhD

2. RETROSPECTIVE RECALL OF POSITIVE AND NEGATIVE AFFECT AND PREGAMING DRINKING: A DAILY DIARY STUDY

Reagan Fitzke, BS, Mark A. Prince PhD, Colin T. Mahoney PhD, Brigitta M. Beck BA, Eric R. Pedersen PhD

3. DAY-LEVEL ASSOCIATIONS BETWEEN PREGAMING AND HAZARDOUS DRINKING IN A SAMPLE OF YOUNG ADULTS

Jennifer Merrill PhD, Siobhan N. Perks MPH, Neo Gebru PhD, Mary Beth Miller PhD, Nancy P. Barnett PhD, Kate B. Carey PhD, Kristina M. Jackson

Time: Friday April 12th at 11:15am

Place: Colorado Ballroom A

Title: EXPANDING UPON CHANGE TALK: ADVANCING MEASUREMENT OF CLIENT LANGUAGE DURING BRIEF INTERVENTIONS

Chair: Benjamin Ladd, PhD

Discussant: Jon M. Houck, PhD

Session Summary:

Considerable research has examined the process of motivational interviewing (MI) with an emphasis on in-session client language as a key mechanism of behavior change (MOBC); however, current definitions of change/sustain talk may fail to capture relevant content that could enhance the signal of current client language measures to predict behavior change. This symposium will present recent work to expand upon the traditional measures of client language across diverse substances (i.e., alcohol, opioids, tobacco) and contexts (e.g., college students, community-dwelling adults, Veterans). Ms. Chang will present a study incorporating behavioral economic mechanisms to target novel language domains in college students and examine the predictive validity of these measures on alcohol outcomes. Dr. Borsari will present data comparing MI to health education in individuals expressing low motivation to change their tobacco use that captures traditional change/sustain talk as well as learning talk, or client language reflective of new learning, to explore differential MOBCs by intervention format. Dr. Delacruz will share work examining language around opioid use and alternative pain care strategies during MI sessions of individuals with chronic pain in VA primary care.

Finally, Dr. Fetterling will present recent efforts to develop measures of client language indicating engagement in PTSD treatment while simultaneously assessing alcohol-related language during a novel brief protocol integrating MI and exposure therapy. Combined, this symposium will explore the challenges of advancing process research around in-session MOBCs and discuss the implications of identifying novel MOBCs during brief interventions to empirically inform clinical service and training.

1. INTEGRATING BEHAVIORAL ECONOMIC THEORY INTO CLIENT LANGUAGE MEASUREMENT

Yi-Chun Chang, MS, Benjamin O. Ladd PhD, James G. Murphy PhD, Brian Borsari PhD, Jon M. Houck PhD

2. LEARNING & MOTIVATIONAL TALK IN SMOKING CESSATION: AN EXAMINATION OF SESSION LANGUAGE IN TWO RCTS

Brian Borsari, PhD, Ellen Herbst MD, Benjamin O. Ladd PhD, Joannalyn Delacruz PhD, Nadine Mastroleo PhD, Allyson R. Smith, Theodore Fetterling PhD, Leanna Poole BS, Catherine Baxley PhD, Aline Wu BS, Kristina Jackson PhD, Mark Myers PhD, Delwyn Catley PhD

3. IN-SESSION LANGUAGE PREDICTING OPIOID MISUSE AND ALTERNATIVE CHRONIC PAIN CARE IN VETERANS

Joannalyn Delacruz, PhD, Brian Borsari PhD, Benjamin O. Ladd PhD, Theodore Fetterling PhD, Catherine Baxley PhD, Jennifer Manuel PhD, Kristina Jackson PhD, Kyle Self, Shahrzad Daryani, Karen Seal MD

4. DECODING THE LANGUAGE OF HEALING: EXAMINING LANGUAGE IN CO-OCCURRING PTSD AND ALCOHOL USE TREATMENT

Theodore Fetterling, PhD, Allyson R. Smith BS, Leanna Poole BS, Brian Borsari PhD, Benjamin O. Ladd PhD, Molly Magill PhD, Kyle Possemato PhD, Nadine Mastroleo, PhD

Time: Friday April 12th at 11:15am

Place: Colorado Ballroom B

Title: **LEVERAGING QUALITATIVE METHODOLOGY TO DEVELOP EFFECTIVE TREATMENTS FOR SUBSTANCE USE DISORDERS ACROSS ADULTHOOD: WORKING WITH YOUNG TO OLDER ADULTS.**

Chair: Kathryn S. Gex, PhD

Discussant:

Session Summary:

Substance use disorders (SUDs) are prevalent and affect individuals across the lifespan. However, most people with a SUD do not seek treatment or have difficulty engaging in treatment, and determining what constitutes successful treatment and recovery is another challenge. Effective SUD interventions should consider developmental periods, intersecting identities (e.g., race/ethnicity, sex/gender), and perspectives of individuals with lived experience. As such, leveraging qualitative methodology can provide key perspectives needed to develop and tailor evidence-based interventions for SUDs across the lifespan. Across four talks, presenters will discuss how different substances uniquely impact different age groups and the implications for SUD treatment in these populations. Dr. Fahey will first present on a qualitative examination of co-use of tobacco and cannabis among older adults and discuss implications of cannabis use on development of tobacco cessation treatment. Dr. Witcraft will

present a qualitative study exploring facilitators of substance use disclosure and treatment engagement among Black pregnant and postpartum people. Dr. James will present qualitative findings examining how sexual health settings can be leveraged to address alcohol and other substance use among sexual minority men. Finally, Dr. Gex will present results from a mixed-methods study examining perceived cannabis problems severity among female emerging adults. Together, these presentations will highlight ways in which SUD treatments can be improved across treatment development, treatment engagement, and treatment outcomes, by addressing other substance use, leveraging pregnancy and sexual health as a point of contact to address SUDs, elucidating novel intervention targets, and optimizing outcome assessment.

1. A QUALITATIVE EXPLORATION OF CIGARETTE & CANNABIS CO-USE IN OLDER ADULTHOOD

Margaret C. Fahey PhD, Alana M. Rojewski PhD, Bethea A. Kleykamp PhD, Reyna Hickey, Aimee L. McRae-Clark PhD, Erin A. McClure PhD, Andreana Benitez PhD

2. FACILITATORS OF BLACK PREGNANT AND POSTPARTUM PEOPLE DISCLOSING SYMPTOMS AND RECEIVING TREATMENT FOR PERINATAL SUBSTANCE USE AND MENTAL HEALTH DISORDERS

Sara M. Witcraft PhD, Emily Johnson PhD, Angela D. Moreland PhD, Courtney King PhD, Constance Guille PhD

3. PERCEPTIONS AND MANAGEMENT OF SEXUAL RISK: OPPORTUNITIES TO ADDRESS ALCOHOL AND OTHER SUBSTANCE USE IN SEXUAL HEALTH SETTINGS

Tyler G. James PhD, Robert F. Leeman PhD, Neo Gebru PhD

4. A MIXED METHODS APPROACH TO UNDERSTANDING CANNABIS PROBLEMS ENDORSED BY FEMALE EMERGING ADULTS

Kathryn S. Gex PhD, E-Y Mun PhD, Shannon Phillips PhD, Sarah Bourne MPH, Rachel L. Tomko PhD

Time: Friday April 12th at 3:15pm

Place: Aspen Ballroom

Title: HARNESSING DIGITAL TECHNOLOGIES TO PREVENT SUBSTANCE MISUSE IN YOUNG ADULTS

Chair: Laura Holt, PhD

Discussant:

Session Summary:

Digital health tools, such as wearable (e.g. smartwatches) and non-wearable (e.g., apps, chatbots) platforms are increasingly being leveraged to assess, treat, and prevent substance use disorders (Bonfiglio et al., 2022). These tools have several benefits: they may enhance access and availability of care outside of clinic settings; reduce perceptions of stigma associated with

seeking care; and pose less financial burden (Bonfiglio et al., 2022). At the same time, these tools are not always rigorously evaluated by independent parties; further, tools that have demonstrated preliminary efficacy are not always widely disseminated or publicly available (Satre et al., 2021). This symposium brings together four talks that will discuss theoretically grounded interventions delivered via text messaging, apps, and virtual humans. These interventions focus on three commonly misused substances in young adults, namely alcohol, cannabis, and prescription stimulants, and provide psychoeducation, enhance coping, and encourage the use of protective behavioral strategies (PBS). Both Woodward et al. and Coatsworth et al.'s talks will focus on the innovative use of peer coaches to deliver interventions via text messaging; these talks also address psychiatric symptoms that co-occur with substance misuse. Woodward et al. and Holt et al. focus on vulnerable populations, namely trauma survivors and students with ADHD, respectively. Finally, Bolts et al. highlight how app data can be used to provide tailored PBS for cannabis. All talks will not only report efficacy data, but also will consider implementation and dissemination issues in line with the conference theme of bridging gaps to treatment.

1. USING VIRTUAL HUMANS AND CYBER CONVERSATIONS TO PREVENT PRESCRIPTION STIMULANT DIVERSION AND MISUSE

Laura J. Holt, Ph.D., Alison Looby, Ph.D., Ty S. Schepis, Ph.D., Richard Feinn, Ph.D.

2. A TRAUMA-INFORMED, PEER-SUPPORTED DIGITAL INTERVENTION FOR HEAVY DRINKERS WITH INTERPERSONAL TRAUMA

Matthew J. Woodward, Ph.D., Jenni B. Teeters, Ph.D., Caitlin M. McGettrick, B.S., Hanna Forrest, Anne Schueler, Olivia G. Dick, B.S., Lily Milam, B.S.

3. DEVELOPMENT AND EFFICACY OF PNC-TXT: A TEXT-BASED INTERVENTION FOR CANNABIS USE DISORDER

J. Douglas Coatsworth, Ph.D., Michael J. Mason, Ph.D., Nikola Zaharakis, Ph.D., Michael A. Russell, Ph.D., Jeremy Mennis, Ph.D., Nathaniel Riggs, Ph.D.

4. REFINING CANNABIS PROTECTIVE BEHAVIORAL STRATEGY RECOMMENDATIONS WITH NEW DATA

Olivia L. Bolts, M.A., Eric R. Pedersen, Ph.D., Mark A. Prince, Ph.D.

Time: Friday April 12th at 3:15pm

Place: Colorado Ballroom A

Title: BEHAVIORAL "ADDICTIONS" AND SUBSTANCE USE: CONSIDERATIONS FOR ADDICTION PSYCHOLOGY

Chair: Joshua B. Grubbs, PhD

Discussant: Shane Kraus PhD

Session Summary:

The 11th edition of the International Classification of Diseases recognizes two behavioral addictions (gaming and gambling disorders) and one related impulse control disorder (compulsive sexual behavior disorder). Despite controversies about the classification of these

disorders, research suggests that they do overlap and interact with substance use disorders and these interactions likely influence treatment. Using a variety of methods, this symposium explores those associations, particularly in vulnerable populations. Nicholas Borgogna explores what twin studies (of both Monozygotic and Dizygotic pairings) reveal about the genetic and environmental overlap of compulsive sexual behaviors and how these behaviors, in turn, are related to substance use patterns. Todd Jennings uses data from a hookup app for men who have sex with men to assess how substance use during sexual encounters relates to compulsive sexual behaviors and safe sex behaviors. Regina Tahk uses data from an inpatient sample of U.S. armed forces veterans receiving treatment for gambling disorder to demonstrate how substance use disorders in such populations are linked to distinct clinical profiles. Finally, Alex Connolly uses data from a census-matched, longitudinal, U.S. sample of sports gambling adults to demonstrate links between sports gambling and alcohol use behaviors, with a particular focus on how these associations present in minoritized racial groups. Collectively, these talks demonstrate how behavioral addictions are relevant to addiction science and substance use research, and how minoritized populations (such as men-who-have-sex-with-men, Veterans, and racial minorities) are uniquely vulnerable to the compounded harms of comorbid behavioral addictions and substance use disorders.

1. PILOT GENETIC WORK IN PROBLEMATIC PORNOGRAPHY USE

Nicholas Borgogna PhD

2. SUBSTANCE USE AMONG VETERANS RECEIVING INPATIENT TREATMENT FOR GAMBLING DISORDER

Regina Tahk BA, Christopher G. Floyd PhD, Joshua B. Grubbs PhD

3. SPORTS WAGERING AND ALCOHOL CONSUMPTION: A CAUSE FOR CONCERN?

Alexander Connolly MA, Joshua Grubbs PhD

4. THE CONNECTION BETWEEN CHEMSEX AND COMPULSIVE SEXUAL BEHAVIOR

Todd Jennings MA, Shane W. Kraus PhD

Time: Friday April 12th at 3:15pm

Place: Colorado Ballroom B

Title: USING NATIONAL SURVEY DATA TO STUDY SOCIAL AND CONTEXTUAL PROCESSES IN EARLY ADULT SUBSTANCE USE

Chair: Patrick D. Quinn, PhD

Discussant: Ty S. Schepis, PhD

Session Summary:

The increasing availability of national survey data has created novel possibilities for understanding substance use among early adults. The size and scope of ongoing epidemiologic

surveys can help maximize generalizability and statistical precision while also offering the possibility of examining etiologic processes among subgroups of young people who have been neglected by prior research. This symposium will describe research leveraging four national survey datasets to provide timely insights into social and contextual contributions to substance use among early adults. First, Anna Brice Taylor, BS, will contrast differences in risk of methamphetamine use and prescription stimulant misuse across early adult social roles in terms of employment and education in data from the 2021 National Survey on Drug Use and Health. Second, Patrick Quinn, PhD, will share data from the National College Health Assessment from fall 2019 to fall 2022 on the association between campus-level rates of pharmacotherapy for attention-deficit/hyperactivity disorder and risk of prescription stimulant misuse among undergraduates. Third, Ellen Vaughan, PhD, will present findings on intersections between sex at birth and sexual minority identity in marijuana use among Latino/a/x undergraduate and graduate students in 2020-2021 data from the Healthy Minds Study. Fourth, Brooke Arterberry, PhD, will describe longitudinal Monitoring the Future data on empirically derived profiles of loneliness and social support in early adulthood and the subsequent emergence of alcohol use disorder. Finally, Ty Schepis, PhD, will lead a discussion of translational implications and opportunities for future research with national survey data.

1. SCHOOL, WORK, AND GEOGRAPHY: INVESTIGATING METHAMPHETAMINE AND STIMULANT USE AMONG EMERGING ADULTS

Anna Brice Taylor, BS, Ellen L. Vaughan PhD

2. ADHD PHARMACOTHERAPY AND RISK OF PRESCRIPTION STIMULANT MISUSE: A NATIONAL STUDY OF COLLEGE STUDENTS

Patrick D. Quinn, PhD, Alynna G. Summit MA, Madison C. Moseley, Natasha Chaku PhD, Kit K. Elam PhD, Wura Jacobs PhD, Alyssa M. Lederer PhD, Ellen L. Vaughan PhD

3. AN INTERSECTIONAL VIEW OF MARIJUANA USE AMONG LATINO/A/X COLLEGE STUDENTS

Ellen L. Vaughan, PhD, Jacqueline Paiz BA, Cintia Alaniz BA, Jesus Navarro BA, Anna Brice Taylor BS, Micheal Garza BS, Evelyn Claire Williams, MSed

4. YOUNG ADULT LONELINESS AND SOCIAL SUPPORT AND RELATIONS TO ALCOHOL USE DISORDER SYMPTOMS AT AGE 35

Brooke J. Arterberry, PhD, Megan E. Patrick PhD

Time: Saturday April 13th at 9:30am

Place: Colorado Ballroom A

Title: KRATOM USE IN THE UNITED STATES: EMERGING FRONTIERS AND DIVERSE METHODOLOGIES

Chair: Hollis Karoly, PhD

Discussant:

Session Summary:

Kratom (*Mitragyna speciosa*) is a psychoactive botanical indigenous to Southeast Asia that has been used for centuries across medicinal, cultural, and recreational contexts. Despite rising

rates of use among Americans in recent years, there remains a paucity of research characterizing consumption patterns in the U.S. This symposium will provide a comprehensive introduction to kratom research in the U.S., describing recent advancements in kratom science across multiple methodologies. Dr. Hollis Karoly will provide a broad-level overview of kratom consumption trends, kratom's known pharmacology and safety profile, and its potential harm reduction and clinical applications (including as a pharmacotherapy for substance use disorder). She will discuss research gaps, diversity considerations, and future directions, with an emphasis on elevating the lived experiences of individuals who use kratom. Cianna Piercey will present mixed-methods field data collected from kratom bars in Colorado, focusing on perceived benefits of use, adverse reactions, and subjective effects associated with kratom consumption in a bar setting. Dr. Kirsten Smith will share findings from a nation-wide, 15-day national ecological momentary assessment study that examined clusters of regular kratom consumers by variables such as use motivations, effects, and kratom use disorder (KUD) symptoms. Finally, Dr. Cristina Sempio will present on the development and validation of a novel liquid chromatography- tandem mass spectrometry (LC-MS/MS) method for the simultaneous quantification of nine kratom alkaloids in human plasma, with an emphasis on how utilizing this assay in observational and clinical studies may advance kratom research and provide useful safety information to inform the public.

1. EMERGING TRENDS, PHARMACOLOGY, AND COMMUNITY PERSPECTIVES ON KRATOM

Hollis Karoly, PhD, Cianna J. Piercey M.S., Joseph Cameron, Riley Ahern, Joseph Bunch B.A., Bella Packwood, Devin Henry, Carter Bruning

2. A MIXED METHODS FIELD STUDY OF KRATOM BAR PATRON: BENEFITS, ADVERSE REACTIONS AND SUBJECTIVE EFFECTS

Cianna Piercey, M.S., Joseph Cameron, Riley Ahern, Devin Henry, Joseph Bunch, Bella Packwood, Carter Bruning, Kirsten E. Smith PhD & Hollis C. Karoly PhD

3. ECLOGOCIAL MOMENTARY ASSESMENT AND CLASSIFICATION OF DAILY KRATOM USE PATTERNS AMONG US ADULTS

Kirsten Smith, PhD

4. Liquid Chromatography- Tandem Mass Spectrometry (LC-MS/MS) QUANTIFICATION OF KRATOM ALKALOIDS IN HUMAN PLASMA

Cristina Sempio, PhD, Jorge Campos-Palomino MS, Jelena Klawitter PhD, Uwe Christians MD PhD and Jost Klawitter PhD

Time: Saturday April 13th at 9:30am

Place: Colorado Ballroom B

Title: THE IMPORTANCE OF SOCIAL PROCESSES IN UNDERSTANDING RISK FOR ALCOHOL PROBLEMS

Chair: Jaye L. Derrick, PhD

Discussant:**Session Summary:**

Alcohol is best described as a social drug, as the vast majority of alcohol use occurs in social settings. Yet, most strategies to improve alcohol outcomes focus on individual motives and behaviors. Improving alcohol outcomes will require a better understanding of how and why social processes affect alcohol use and misuse. Presentations in this symposium will address this gap, focusing on under examined social processes in alcohol use and the development of alcohol problems using innovative methods. First, Dr. Kasey Creswell will describe one of the largest social drinking experiments yet conducted, which used a multi-modal assessment strategy to comprehensively measure alcohol's socio-emotional effects in small groups. Second, Dr. Lindsey Rodriguez will present data from a large longitudinal study of heavy-drinking college students, demonstrating robust associations between loneliness, drinking to cope, and negative alcohol-related consequences. Third, Dr. Jaye Derrick will present research examining alcohol use in dating couples using EMA methodology, demonstrating unique partner influences in predicting drinking for fun/enjoyment vs. drinking for spite. Finally, Dr. Jennifer Fillo will describe qualitative data collected from the partners of adults who drink, testing theory-driven associations between individuals' motives for trying to influence partner drinking and the specific strategies they use. This symposium should interest a broad range of researchers as it integrates multi-method research designs (e.g., experimental, prospective/longitudinal, EMA, qualitative), focuses on diverse populations (e.g., heavy drinking/at-risk individuals, community samples, college students), and explores theoretically-driven social mechanisms that may inform innovative treatment strategies.

1. ALCOHOL'S ACUTE EFFECTS ON EMOTIONS AND SOCIAL REWARD IN A LABORATORY SOCIAL SETTING

Kasey G. Creswell, PhD, Greta Lyons, BS, Hannah Ethridge, BS, Aidan G.C. Wright, PhD, Michael A. Sayette, PhD

2. LONELINESS AND ALCOHOL-RELATED CONSEQUENCES OVER TIME IN HEAVY DRINKING COLLEGE STUDENTS

Lindsey M Rodriguez, PhD, Clayton Neighbors, PhD

3. PARTNER INFLUENCE ON HEAVY EPISODIC DRINKING AND DRINKING MOTIVES IN DATING COUPLES

Jaye L. Derrick, PhD, Jennifer Fillo PhD MPH, Eun-Ji Esther Song BA, Maria Testa PhD, Kenneth E. Leonard PhD

4. IMPLICATIONS OF PARTNER MOTIVES FOR USE OF SPECIFIC DRINKING-RELATED SOCIAL CONTROL STRATEGIES

Jennifer Fillo, PhD MPH, Kayla Giglia BS, Julia Budiongan MPH, Kenneth E. Leonard PhD, Jaye L. Derrick PhD

Time: Saturday April 13th at 11:00am

Place: Colorado Ballroom A

Title: DELAY DISCOUNTING AND ASSOCIATED RISK FOR SUBSTANCE USE ACROSS THE LIFESPAN

Chair: Julia Felton, PhD

Discussant: Michael T. Amlung, PhD

Session Summary:

Accumulating evidence suggests that an individual's tendency to devalue rewards as a function of the delay in their receipt, known as delay discounting, is a predictor of important substance use outcomes across the lifespan, including age of onset of use, severity of substance use disorder, and treatment retention. This symposium brings together four talks that highlight novel facets of the relation between delay discounting and risk for substance use during adolescence, emerging adulthood, and parenthood. Cumulatively, these papers point to specific pathways linking delay discounting and risk for substance use disorders (SUD), as well as mechanisms of intergenerational transmission of vulnerability to SUD. The first paper examines early family history as a predictor of delay discounting in the Adolescent Brain Cognitive Development (ABCD) dataset, a nationally-representative sample of ~12,000 early adolescents. The second study uses the same sample to evaluate whether genetic propensity for delay discounting and correlates (e.g., externalizing symptoms, educational attainment, inhibition) was associated with phenotypic delay discounting. The third study examines delay discounting as a predictor of opioid use liability among adults with limited prior experience with opioids. The final study presents findings demonstrating links between parental delay discounting and a specific risk factor for early substance use: harsh parenting. A discussion of these findings and their implications for the early identification of risk for substance misuse and potential treatment targets will be led by Dr. Michael Amlung.

1. ASSOCIATIONS BETWEEN DELAY DISCOUNTING IN CHILDREN AND FAMILY HISTORY OF SUBSTANCE USE

Joshua Gowin, PhD, Matthew E. Sloan MD MSc, Marcos Sanches MSc, Jody Tanabe MD,

2. POLYGENIC SCORE ASSOCIATIONS WITH PHENOTYPIC DELAY DISCOUNTING IN THE ABCD STUDY

Jill A. Rabinowitz, PhD, Justin Strickland, Ph.D., Julia W. Felton, Ph.D., John J. Meredith, B.S., Renata B. Cupertino, Ph.D., Sandra Sanchez-Roige, Ph.D., Abraham A. Palmer, Ph.D., Brion Maher, Ph.D.

3. PREDICTION OF OPIOID RESPONSE PROFILE BY DELAY DISCOUNTING

Justin C. Strickland, PhD, Kelly E. Dunn, PhD

4. PARENT DELAY DISCOUNTING AND ITS RELATION TO HARSH PARENTING AND RISK FOR YOUTH SUBSTANCE USE

Julia W. Felton, PhD, Morgan Cinader MS, Richard Yi PhD, Andrea M. Chronis-Tuscano PhD

Time: Saturday April 13th at 11:00am

Place: Colorado Ballroom B

Title: PERSPECTIVES FROM CANADA: ADDRESSING ADDICTION TREATMENT AND RECOVERY INEQUITIES

Chair: Dennis C. Wendt PhD

Discussant:

Session Summary:

Learning about the contexts, challenges, and successes in other nations can spark insights and generate creative innovations in one's own—particularly in terms of bridging treatment gaps for equity-deserving populations. This symposium centers on four studies situated in Canada, a nation with significant differences from the United States (U.S.) in terms of substance use trends, policies, and services. These methodologically diverse studies address treatment/recovery inequities for vulnerable and marginalized populations, including LGBTQ+ individuals, drug injection users, Indigenous communities, and people experiencing homelessness—as well as intersections among these and other demographics. First, Payton Bennett will present a participatory qualitative study concerning LGBTQ+ Montrealers' definitions, needs, and strengths regarding social and community supports surrounding their recovery from problematic substance use. Second, Camille Zolopa will present analyses from administrative data from Montreal's four supervised injection sites—facilities that are prevalent in Canada but rare in the U.S.—based on a case-control design examining factors that predict onsite overdose. Third, Sophia Dobischok will present a scoping review concerning medications for opioid use disorder with Indigenous peoples; more than half of included studies are based in Canada, including promising data from injectable diacetylmorphine / hydromorphone programs that are illegal in the U.S. Finally, Dennis Wendt will present a collaborative qualitative study with an organization serving First Nations, Métis, and Inuit individuals experiencing homelessness in Montreal; this study spotlights the community's challenges and mobilization—including substance use patterns and service gaps—in response to the COVID-19 pandemic.

1. LGBTQ+ SOCIAL AND COMMUNITY SUPPORTS FOR SUBSTANCE RECOVERY IN MONTREAL, CANADA

Payton Bennett MA, Michelle Kowalska DEC, Tess McCrea BSc, Beau Boyd DEC

2. PREDICTORS OF ONSITE OVERDOSE AT SUPERVISED INJECTION SITES IN MONTREAL, CANADA

Camille S. Zolopa MSc, Jean-François Mary MA, Pascale Leclerc MPH, Carole Morissette MD, Julie Bruneau MD, Natasha K. Martin PhD, Elaine Hyshka PhD, Thomas D. Brothers PhD, Sarah Larney PhD

3. INDIGENOUS PEOPLES AND MEDICATIONS FOR OPIOID USE DISORDER (MOUD) IN CANADA: A SCOPING REVIEW

Sophia Angelica Dobischok, BA, Natalia Gala BA, Payton Bernett MA, Aidan O'Callahan BA, Daniel Parker MA, Daysi Zentner MA, Kelsey Huson MA, Jann Tomaro PhD, Dennis C. Wendt PhD

4. PANDEMIC'S IMPACT ON SUBSTANCE USE/SERVICES: INDIGENOUS PEOPLE EXPERIENCING HOMELESSNESS IN MONTREAL

Dennis C. Wendt PhD, Emiliana Bomfim PhD, Nmesoma Nweze BA, Daysi Zentner MA, Hannah Fraser-Purdy BA, Natalia Gala BA, Kiki Fatima BA, Daniel Parker MA, Stéphanie Marsan MD

Time: Saturday April 13th at 12:30pm

Place: Colorado Ballroom A

Title: ACCULTURATION, DISCRIMINATION, AND ALCOHOL USE AMONG HISPANIC/LATINX COLLEGE STUDENTS

Chair: Kathyryne Van Hedger, PhD

Discussant: Byron L. Zamboanga, PhD

Session Summary:

Acculturation (i.e., social, psychological, behavioral, and cultural changes/adaptations that occur from intercultural contact; Schwartz et al., 2010) within the United States (U.S.) is positively associated with alcohol use and negative drinking outcomes among immigrant youth (Sirin et al. 2021) and adolescents/adults from Hispanic backgrounds (Alvarez et al., 2020; Lui & Zamboanga, 2018). Compared to other U.S. ethnic groups, Hispanic adults who consume alcohol are at increased risk for heavy episodic drinking. Research with Hispanic young adults shows that ethnic discrimination is positively correlated with alcohol-related problems, social anxiety, and coping motives (Buckner et al., 2022), though these associations can be moderated by gender (e.g., Cano, 2020). Furthermore, among U.S. Hispanics, the link between acculturation and increased risk for alcohol use tends to be stronger for women compared to men (Lui & Zamboanga, 2018). Building on prior research, the papers in this symposium discuss risk and protective factors for heavy alcohol use among Hispanic college students, with an emphasis on the experiences of women. The first paper (Ertl & DeJesus-Rodriguez) examines risk and protective factors for alcohol and drug misuse. The second paper (Vaughn & Alaniz) investigates contextual factors (e.g., perceptions of campus climate) as predictors of heavy episodic drinking and explores the moderating role of gender. The third paper (Perrotte) explores how linguistic acculturation on social media platforms relates to hazardous drinking across two time-points. Taken together these papers have implications for interventions that are culturally informed and could be specifically targeted at Hispanic college women.

1. ACCULTURATION AND ALCOHOL USE AMONG LATINA COLLEGE STUDENTS: PROFILES OF RISK AND RESILIENCE

Melissa M. Ertl, PhD, Ariana DeJesus-Rodriguez, MS

2. BELONGING, CAMPUS ENGAGEMENT IN ANTI-RACISM, AND BINGE DRINKING AMONG LATINO/A/X COLLEGE STUDENTS

Ellen L. Vaughn, PhD, Cintia Alaniz, BA

3. PROSPECTIVE PATHWAYS FROM SOCIAL DIGITAL LINGUISTIC ACCULTURATION TO RISKY DRINKING AMONG LATINAS

Jessica Perrotte, PhD

Time: Saturday April 13th at 12:30pm

Place: Colorado Ballroom B

Title: USING QUALITATIVE METHODS TO UNDERSTAND CANNABIS USE BEHAVIOR AND RELATED OUTCOMES

Chair: Holly K. Boyle PhD

Discussant: Cinnamon Bidwell, PhD

Session Summary:

Qualitative methods are useful for exploring details of lived substance use experiences. With the rapidly changing landscape surrounding cannabis legalization, such methods can provide insight into why and under what conditions individuals use cannabis as its accessibility increases. Qualitative approaches allow for in-depth examination of cannabis use and consequences. This symposium extends prior work by exploring cannabis use experiences across adulthood. This session will demonstrate how qualitative methods can be used to (1) gain a rich understanding of cannabis use across the lifespan, including antecedents and consequences and (2) effectively improve quantitative measures of use. A rich exploration of predictors, patterns of use (e.g., frequency, amounts, cannabinoid compositions, and forms), and outcomes from the perspective of those who use cannabis may inform the development of more precise measures of cannabis use behavior. Ms. Bolts will present a qualitative analysis of cannabis protective behavioral strategies among college students from 10 US universities. Dr. Aston will present qualitative research examining cannabis demand among adults (age 18-70) endorsing cannabis use for medical purposes. Dr. Boyle will present qualitative data identifying sources of cannabis messaging and how such messaging influences cannabis use among younger (<age 45) and older (\geq age 45) adults. Dr. Conner will present on how to use qualitative data collection to improve measures of cannabis use, consequences, and antecedents. Dr. Cinnamon Bidwell will synthesize the findings presented and comment on the importance of qualitative research in understanding cannabis use and related outcomes directly from those endorsing use.

1. A QUALITATIVE STUDY OF CANNABIS PROTECTIVE BEHAVIORAL STRATEGIES AMONG COLLEGE STUDENTS

Olivia L. Bolts, MA, Brittany E. Blanchard PhD, Mark A. Prince PhD

2. CANNABIS DEMAND AMONG THOSE ENDORSING MEDICAL USE: UNIQUE PATTERNS AND CONSIDERATIONS

Elizabeth R. Aston, PhD, Benjamin L. Berey PhD, Jane Metrik PhD

3. A QUALITATIVE INQUIRY OF THE INFLUENCE OF CANNABIS MESSAGING ON CANNABIS USE ACROSS THE LIFESPAN

Holly K. Boyle, PhD, Jennifer E. Merrill PhD, Katie M. Yetter BA, James Tompkins, Alexander Gonzalez Trejo BA, Kristina M. Jackson PhD, Jane Metrik PhD

4. USING QUALITATIVE DATA TO IMPROVE MEASUREMENTS OF CANNABIS-RELEVANT CONSTRUCTS

Bradley T. Conner, PhD

THURSDAY POSTER SESSION

1. TRAJECTORIES OF TOBACCO USE ACROSS PROFILES OF HISPANIC AND NH WHITE ADOLESCENT PATH STUDY PARTICIPANTS

Adriana Espinosa Ph.D., Lesia M. Ruglass Ph.D., Fiona N. Conway Ph.D., Wynta Alexander & Christine M. Sheffer Ph.D.

2. THE INTERACTION OF RACE AND SEXUAL IDENTITY FOR EATING AND ALCOHOL BEHAVIORS AMONG YOUNG ADULT WOMEN

Jennifer L. Shipley M.S., M.P.H., Alicia Moulder B.S., Kelsie Allison M.S., Rachel Ayala Guzman B.S, Emily Renzoni B.S, Abby L. Braitman Ph.D., Cathy Lau-Barraco Ph.D.& Kristin E. Heron Ph.D.

3. THE MARIJUANA MOTIVES MEASURE AND ITS RELATIONS WITH CANNABIS OUTCOMES AMONG HISPANIC STUDENTS

Jordan Gette, Ph.D.

4. IMPACT OF RACE, GENDER, PRIOR OPIOID MISUSE ON PHYSICIANS' OPIOID-RELATED RISK ASSESSMENTS

Alexis Grant M.A. & Adam T. Hirsh Ph.D.

5. INTERSECTIONAL EFFECT OF GENDER AND SEXUALITY ON HIGH-INTENSITY DRINKING AND CONSEQUENCES

Cara L Fresquez MAC-P., Jessica L Martin Ph.D., Evan Ozmat M.S., Megan D McCarthy B.S., & M. Dolores Cimini Ph.D.

6. CALIFORNIA ROLL: USE OF MDMA/ECSTASY BY SOUTHERN CALIFORNIAN ASIAN AMERICAN EMERGING ADULTS

Catherine D. Trinh M.A., Diana Ho B.S, Rachel Girard M.A., Nicole H Weiss Ph.D. & Nichea S Spillane Ph.D.

7. RESPONSE TO STRESS AND DRUG CUES AMONG BLACK AND WHITE ADULTS WITH ALCOHOL AND COCAINE USE DISORDERS

Melissa R. Schick Ph.D., Rajita Sinha Ph.D. & Angela M. Haeny Ph.D.

8. THE RELATIONSHIP BETWEEN ETHNIC IDENTITY AND ALCOHOL USE SEVERITY

Nyanhial Pal, Patrick R. Duryea M.A., Wenyue Wang M.Phil., Byron L. Zamboanga Ph.D., Patrick McClain B.A., Sandy Leybold & Dennis E. McChargue Ph.D.

9. **THE PROTECTIVE ROLE OF CULTURE AND FAMILY DISAPPROVAL ON SUBSTANCE USE AMONG AMERICAN INDIAN ADOLESCENT**
Rachel Girard M.A., Catherine Trinh M.A., Melissa Schick Ph.D. & Nichea Solomon Spillane Ph.D.
10. **INTRUSIVE PARENTING AND CULTURAL VALUES AS ANTECEDENTS OF KOREAN MIDDLE SCHOOL ADOLESCENT DRINKING**
So Young Choe Ph.D. & Joel Grube Ph.D.
11. **HOW RACISM IMPACTS CHRONIC PAIN EXPERIENCE AND ALCOHOL USE AMONG BLACK ADULTS: AN EMA STUDY**
Tanya Smit M.A., Michael J. Zvolensky & Andrew H. Rogers
12. **THE RELATIONSHIP BETWEEN SEXUAL ORIENTATION, SUBSTANCE USE, AND MENTAL HEALTH OUTCOMES IN WOMEN**
Emma Maddox, Sidney M. Traxler B.S., EmmaJo Briles B.S., & Jenni B. Teeters Ph.D.
13. **VALIDITY OF SUBSTANCE USE MEASURES IN AMERICAN INDIANS: A COMMUNITY-INFORMED SYSTEMATIC REVIEW**
Hanna Hebden M.S., Kamilla L. Venner Ph.D. & Katie Witkiewitz Ph.D.
14. **THE IMPACT OF SOCIOCULTURAL FACTORS ON ALCOHOL USE BEHAVIORS AMONG HISPANIC/LATINX ADULTS**
Ardhys De Leon M.S., Robert Dvorak Ph.D., Roselyn Peterson Ph.D., Samantha Klaver M.S., Emily Burr M.S., Tatiana Magri M.S., Angelina Leary M.S., and Bradley Aguilar B.S.
15. **INTERSECTIONAL STIGMA AMONG BLACK/AFRICAN AMERICAN PATIENTS RECEIVING METHADONE TREATMENT**
Mary B. Kleinman M.S. M.P.H., Jessica Anane M.P.H., Annabelle M. Belcher Ph.D., Valerie A. Earnshaw Ph.D., Valerie D. Bradley M.P.S., Abigail Hines B.S, Melanie Bennett Ph.D. & Jessica F. Magidson Ph.D.
16. **WORKING WITH FILIPINX AMERICANS WITH SUBSTANCE USE: FILIPINX AMERICAN MENTAL HEALTH PRACTITIONERS' P**
Antover P Tuliao Ph.D., Maria Veronica Felipe M.A., Minerva D. Tuliao Ph.D. & Nephtaly Joel Botor M.A.Ed.
17. **SUBSTANCE BY STATUS: POSSESSION OF MINORITY STATUSES AND RECREATIONAL DRUG USE IN A DIVERSE COLLEGE**
Jordan Oster M.A., Layla Rainosek B.A. & Sarah Boyle Ph.D.
18. **EXPLORING CHANGES IN ALCOHOL EXPECTANCIES FOLLOWING A SEXUAL MINORITY MALE COUPLES INTERVENTION**
Emily Alton M.A., Ayla Durst Sc.M., Kristi Gamarel Ph.D. & Christopher Kahler Ph.D.
19. **RACIAL DISPARITIES IN BUPRENORPHINE TREATMENT FOR OPIOID USE DISORDER ACROSS VA HEALTHCARE SYSTEM**
Natalia Van Doren Ph.D., Jonathan Zhang Ph.D., Jodie Trafton Ph.D., Derek D. Satre Ph.D. & Daniel Blonigen, Ph.D.

20. **REAL-WORLD ALCOHOL USE AND MOTIVES IN HISPANIC AND NON-HISPANIC STUDENTS: AN ALCOHOL BIOSENSOR STUDY**
Natalie Ceballos Ph.D., Jessica Perrotte Ph.D., Chloe Davis, Kaitlyn Hall, Justice Corbett, Gus Sjobeck Ph.D., Nancy Barnett Ph.D. & Reiko Graham Ph.D.
21. **THE ASSOCIATION BETWEEN PBS NORMS AND ALCOHOL PROBLEMS THROUGH PBS USE AMONG SGM COLLEGE STUDENTS**
Emma R. Hayden B.S., Callie L. Wang B.A. & Robert D. Dvorak Ph.D.
22. **NAVIGATING IDENTITY AFFIRMATION AND ACCEPTANCE CONCERNS: CANNABIS USE AMONG SEXUAL MINORITY WOMEN**
Kendra N. Rigney M.S., Samantha A. Fitzer M.S. & Sarah J. Ehlke Ph.D.
23. **RACISM AND ALCOHOL PROBLEMS AMONG BLACK ADULTS: THE ROLE OF NEGATIVE EMOTIONALITY TO RACISM**
Mollie McMichael, Katharine L. Thomas B.A, Jas M. Sullivan Ph.D., Justin M. Shepherd M.A, Michael J. Zvolensky Ph.D. & Julia D. Buckner Ph.D.
24. **DRINKING MOTIVES AMONG BISEXUAL COLLEGE WOMEN: FINDINGS FROM A DIVERSE COLLEGE SAMPLE**
Megan McCarthy B.S., Jessica L. Martin Ph.D., Cara L. Fresquez MAC-P, & M. Dolores Cimini Ph.D.
25. **DRINKING BEHAVIORS AMONG SEXUAL MINORITY SORORITY WOMEN**
Keegan Buch B.A., Ireland M. Shute B.A., Megan Brown B.S., Stuart B. Murray Ph.D. & Eric R. Pedersen Ph.D.
26. **THE RELATIONSHIP BETWEEN RELIGIOSITY AND TOBACCO USE FOR MEXICAN SPANISH SPEAKERS IN THE US**
Lauren Hales M.S., Craig Warlick Ph.D. & Calista Spears
27. **EXPLORING LATINX DRINKING: HEART-FOCUSED ANXIETY, DISCRIMINATION, & HEALTH OUTCOMES**
Pamella Nizio, Tanya Smit M.A. & Michael Zvolensky Ph.D.
28. **SUBSTANCE USE IN SEXUAL AND GENDER MINORITY ADOLESCENTS WITH AUTISM SPECTRUM DISORDER**
Tiffany Harris B.S., Caroline Corvin B.S, Rebecca Smith B.A., Kelli Bradley M.S., Stephen Sheinkopf Ph.D., Kristina Jackson Ph.D. & Anthony Spirito Ph.D.
29. **AN ANALYSIS OF DRINKING MOTIVES AND ALCOHOL-RELATED PROBLEMS AMONG HISPANIC COLLEGE STUDENTS**
Sarah Jane Chavez Ph.D., Nicole A. Hall, B.A., Andrew Weinstein, B.S., Angelo M. DiBello, Ph.D., Clayton Neighbors, Ph.D. & Kate B. Carey, Ph.D.
30. **PERCEIVED ETHNIC DISCRIMINATION, DEPRESSION, AND SELF-EFFICACY TO QUIT SMOKING AMONG PEOPLE WITH HIV**
Silvana Agterberg, Ph.D., Jonathan Shuter M.D., Cassandra Stanton Ph.D., Elizabeth K. Seng Ph.D. & Andrea H. Weinberger Ph.D.

31. **EXPLANATIONS FOR INCREASED HIGH CHASING AMONG SEXUAL AND GENDER MINORITY COLLEGE STUDENTS**
Layla Rainosek, B.A., Jordan Oster M.A. & Sarah Boyle Ph.D.
32. **EXPLORING ACCULTURATION, SOMATIZATION, AND ALCOHOL USE AMONG SOUTH ASIAN AMERICANS**
Helen Ullrich M.Ed., Saman Essa M.Ed., Kerry Chavez M.S., Taylor Longoria, Mahnoor Ahmad M.A., Christina Nguyen & Marcel de Dios Ph.D.
33. **OVER-ESTIMATED PEER SMOKING NORMS AMONG SEXUAL MINORITY WOMEN AND IMPACT OF GAMIFIED ALCOHOL PNF**
Sarah Boyle Ph.D., Layla Rainosek B.A. & Jordan Oster M.A.,
34. **ASSESSING DEMOGRAPHIC VARIABILITY IN MACHINE LEARNING MODEL PERFORMANCE TO PREDICT ALCOHOL LAPSES**
Jiachen Yu, Kendra Wyant, Sarah J. Sant'Ana, Gaylen E. Fronk & John J. Curtin Ph.D.
35. **ECOLOGICAL MOMENTARY ASSESSMENT OF DRINKING AND THOUGHTS OF DEATH AMONG COLLEGE STUDENTS**
Sara Mei B.S., Amber Winters M.Sc., Susi Baumgardner B.A., Angelina Sung M.A., Maggie J. Mataczynski B.A., Angelica DeFalco B.S, Cassandra Richardson B.A. & Noah N. Emery Ph.D.
36. **EXAMINATION OF ASSOCIATIONS BETWEEN UNIVERSITY-LEVEL CHARACTERISTICS AND STUDENTS' DRINKING BEHAVIOR**
Siobhan N. Perks M.P.H., Byron L. Zamboanga Ph.D., Neo Gebru Ph.D., Gabriela López Ph.D. & Jennifer E. Merrill Ph.D.
37. **MASCULINE DRINKING NORMS AND ALCOHOL PROTECTIVE BEHAVIORAL STRATEGIES AMONG DIVERSE COLLEGE MEN**
Byron L. Zamboanga Ph.D., Patrick R. Duryea M.A., Patrick McClain B.A., Dennis E. McChargue Ph.D., Banan Ramarushton M.S. & Linda Thompson M.A.
38. **EXAMINING DAY-LEVEL RELATIONS BETWEEN SOLITARY DRINKING AND SPECIFIC NEGATIVE ALCOHOL CONSEQUENCES**
Imran Jan B.S., Scott E. King M.A., Jack T. Waddell M.A., & William R. Corbin Ph.D.
39. **COLLEGE ADJUSTMENT, COPING MOTIVES, PBS USE, AND ALCOHOL PROBLEMS: A PATH MODEL AMONG FRESHMEN**
Zannie, B.A. & Adrian J. Bravo, Ph.D.
40. **THE RELATION BETWEEN ALCOHOL USE & RELATED PROBLEMS AMONG COLLEGE STUDENT SERVICE MEMBERS/VETERANS**
Kaitlyn Hoskins, Lily Milam B.S. & Matthew Woodward Ph.D.
41. **PROTECTIVE STRATEGIES AND ALCOHOL CONSEQUENCES AMONG YOUNG ADULTS EXPERIENCING HOMELESSNESS**
Megan E. Brown B.S., Eric R. Pedersen Ph.D., Graham DiGuseppi Ph.D., Elizabeth J. D'Amico Ph.D., Anthony Rodriguez Ph.D., Rupa Jose Ph.D., David J. Klein M.S. & Joan S. Tucker Ph.D.

42. **#SOBERTOK: CONTENT ANALYSIS OF TIKTOK TOP VIDEOS FOR #ALCOHOL AND OTHER ALCOHOL-RELATED TERMS**
Alex Clement M.S., Athitheya Gobinathan, Phuc Phan, Tyler Favier, Alex Russell Ph.D. & Joy Gabrielli Ph.D.
43. **PTSD SYMPTOMS INFLUENCE 12-STEP PRACTICES AMONG UNHOUSED PEOPLE RECOVERING FROM ALCOHOL USE DISORDER**
Anne M Haines B.S., Anne M. Haines B.S, Patrick R. Duryea M.A., Dennis McChargue Ph.D., Bilal Khan Ph.D., Arthur Andrews III Ph.D. & Kimberly Tyler Ph.D.
44. **EXAMINING THE INFLUENCE OF SUBJECTIVE INTOXICATION AND PERCEIVED INJUSTICE ON AGGRESSIVE RESPONSES**
Cameron A. Davis, Rachel L. Cooper B.A., Tatiana D. Magri B.S, Madison H. Maynard B.S, Shane D. Marohnic B.A., Michael E. Dunn Ph.D. & Jacqueline I. Woerner Ph.D.
45. **EXPLORATORY STRUCTURAL EQUATION MODELING OF MOTIVATIONS FOR RESPONSIBLE DRINKING ACROSS THE LIFESPAN**
Christian C. Garcia Ph.D., Dylan K. Richards Ph.D., Matthew R. Pearson Ph.D. & Addictions Research Team (ART)
46. **ACCURACY OF TRAIT IMPULSIVITY AND BRAIN FUNCTION IN DETERMINING DIAGNOSIS OF ALCOHOL USE DISORDER**
Emily Norton M.S., Michael Amlung Ph.D., Emily MacKillop Ph.D., James MacKillop Ph.D. & Lawrence Sweet Ph.D.
47. **VIRTUAL LED EXERCISE IMPACT ON ALCOHOL USE & CRAVINGS IN YOUNG ADULTS WITH RISKY DRINKING**
Gabriella Bellissimo Ph.D., Kathryn Coakley Ph.D., Micah Zuhl Ph.D., Fabiano Amorim Ph.D. & David Lardier Ph.D.
48. **HELICOPTER PARENTING MODERATING INTERGENERATIONAL CONFLICT WITH DEPRESSIVE SYMPTOMS AND ALCOHOL**
Lin Tran B.S., Jessica K Perrotte Ph.D., Roque V Mendez Ph.D. & Shaheena Loftus B.S
49. **NEGATIVE AFFECT TO ALCOHOL PROBLEMS: ALCOHOL DEMAND AS MEDIATOR TRANSCENDS ALCOHOL CRAVING**
Anne E. Blake-Nickels B.S., B.A., Yi-Chun Chang M.S. & Benjamin O. Ladd Ph.D.
50. **BIDIRECTIONAL ASSOCIATIONS BETWEEN SLEEP AND CANNABIS AND ALCOHOL (CO-)USE IN DAILY LIFE**
Andrea Wycoff Ph.D., Mary Beth Miller Ph.D. & Timothy J Trull Ph.D.
51. **ASSOCIATIONS BETWEEN PROBLEM SPORTS BETTING AND ALCOHOL AND CANNABIS USE AMONG YOUNG ADULTS**
Scott Graupensperger Ph.D., Frank Song M.S., Joseph Lambuth, Arvin Shaygan, Modesta Hurtado & Ty W. Lostutter Ph.D.
52. **ECOLOGICAL MOMENTARY ASSESSMENT OF SAVORING, CANNABIS USE, AND PROBLEMS IN YOUNG ADULTS WITH CUD**

Angelica DeFalco B.S., Cassandra Richardson B.A., Maggie J. Mataczynski B.A., Sara Mei B.S, Susi Baumgardner B.A. & Noah N. Emery Ph.D.

53. **EXAMINING THE IMPACT OF SEXUAL ASSAULT AS A MODERATOR BETWEEN CANNABIS USE AND SUICIDAL IDEATION**
Sidney Traxler B.S., EmmaJo Briles B.S, Emma Maddox & Jenni B. Teeters Ph.D.
54. **PSYCHOLOGICAL NEEDS SATISFACTION AND FRUSTRATION AND CANNABIS-RELATED OUTCOMES**
Ricardo A. Rubio, B.A., Dylan K. Richards Ph.D., Matthew R. Pearson Ph.D. & Addictions Research Team
55. **COMPATIBILITY OF NEXT DAY ACTIVITIES WITH CANNABIS USE: A BEHAVIORAL ECONOMIC AND QUALITATIVE STUDY**
Brandon P. Miller M.S., M.A., Christina Chen, Anna Lester, Kianna Csölle M.A., Sarah Weinsztok Ph.D. & Michael Amlung Ph.D.
56. **THE RELATIONSHIP OF CANNABIS PROBLEMS AND EATING PATHOLOGY MEDIATED BY LOSS OF CONTROL EATING**
Emily K. Burr M.S., Madison Maynard B.S, Quinn Allen B.S, Robert D. Dvorak Ph.D., Daniel Paulson PH.D., Sofia Zapico, & Ashley M. Spiers
57. **PSYCHOMETRIC PROPERTIES OF THE FAMILY ASSESSMENT TASK AMONG ADOLESCENTS IN SUBSTANCE USE TREATMENT**
Lauren Micalizzi Ph.D., Samuel N. Meisel Ph.D., Sarah A. Thomas Ph.D., Jamie E. Parnes Ph.D., Hannah Graves Sc.M., Sara J. Becker Ph.D. & Anthony Spirito Ph.D.
58. **EMOTIONS ROLE IN CHALLENGING INTERPERSONAL CONTEXTS AND SUBSTANCE USE**
Maggie J. Mataczynski B.A., Angelina Sung M.S., Sara Mei B.S, Susi Baumgardner B.A., Cassandra Richardson B.A., Angelica DeFalco B.S, & Noah N. Emery Ph.D.
59. **FEASIBILITY AND ACCEPTABILITY OF A MULTIPLE HEALTH BEHAVIOR CHANGE INTERVENTION**
Cara Murphy Ph.D., Liza Kolbasov & Katie Good
60. **PROVIDERS BELIEFS' AND THE PERCEIVED HELPFULNESS OF HARM REDUCTION: A MIXED METHODS ANALYSIS**
Jennifer Grant Weinandy Ph.D., Cassandra Boness Ph.D., Brooke Rogers Ph.D., M.P.H. & Peter Soyster M.A.
61. **A SCOPING REVIEW OF INTERVENTIONS FOR ENGAGING YOUTH IN OPIOID USE DISORDER TREATMENT**
Sarah J Miller M.A., Sayward E. Harrison Ph.D., Steven Harrod Ph.D., Kimberly Hills Ph.D. & Alain Litwin M.D., M.P.H.
62. **EMOTION REGULATION STRATEGIES AND SUBSTANCE-RELATED OUTCOMES: A TEST OF SELF-DETERMINATION THEORY**
Vanessa C. Hernandez B.A., Nina C. Christie Ph.D., Dylan K. Richards Ph.D., Matthew R. Pearson Ph.D., & Addictions Research Team

- 63. DEVELOPMENT AND INITIAL VALIDATION OF A POLYSUBSTANCE USE PROTECTIVE BEHAVIORAL STRATEGIES INVENTORY**
Cianna Piercey M.S., Devin Henry, Wes MacLean, Joseph Cameron, Maia Bransom, Riley Ahern, Bella Packwood, Mikayla Allen-Collins, Carter Bruning, Jeffrey Snodgrass Ph.D., Bradley Conner Ph.D. & Hollis Karoly Ph.D.
- 64. WOMEN AND MEN VETERANS' SUBSTANCE USE DISORDER TREATMENT INITIATION, ENGAGEMENT, AND RETENTION**
Elena Stein Ph.D., Yoanna McDowell Ph.D., Carol Malte MSW & Tracy Simpson Ph.D.
- 65. CHRONIC DISEASE AND POLYSUBSTANCE USE IN ADULTS AGED 50 + ACROSS 25 U.S. STATES**
Michael M. Phillips Ph.D., Mika Thompson M.Sc., John Massey M.P.H., M.S.N., F.N.P-BC, R.N. & Kristina T. Phillips, Ph.D.
- 66. SUBSTANCE USE AND COGNITIVE FUNCTION AMONG INTIMATE PARTNER VIOLENCE SURVIVORS: A SYSTEMATIC REVIEW**
Hailey Taylor M.P.S., M.A.
- 67. DOES BELIEF IN AN AI/AN BIOLOGICAL VULNERABILITY CONTRIBUTE TO THE LIMIT VIOLATION EFFECT?**
Vivian M Gonzalez Ph.D. & Monica C. Skewes Ph.D.
- 68. TIME SINCE LAST LSD USE AND PAST-YEAR PSYCHOPATHOLOGY: RESULTS FROM A NATIONAL STUDY**
Banan Ramarushton M.S., Kayri Cantu B.S, Byron L. Zamboanga Ph.D., Colten Jones B.S, Patrick McClain B.A. & Heidemarie Blumenthal Ph.D.
- 69. CHANGES IN PRESCRIPTION OPIOID MISUSE MOTIVES THROUGH THE ADOLESCENT AND YOUNG ADULT PERIOD**
Ty Schepis Ph.D., Jason A. Ford Ph.D., Philip T. Veliz Ph.D., Brady T. West Ph.D. & Sean Esteban McCabe Ph.D.
- 70. JUST A COG IN THE MACHINE: FIRST RESPONDER PERSPECTIVES NAVIGATING STRUCTURAL VIOLENCE AGAINST PWUD**
Tessa Frohe Ph.D., Callan Fockele M.D., M.S., Brenda Goh M.P.H., Courteney Wettemann, Robert Pitcher, Rachel Rourke, Nathan Holland, Grover "Will" Williams & Jenna van Draanen Ph.D., M.P.H

FRIDAY POSTER SESSION

- 1. BREAKING THE CYCLE: UNRAVELING THE INTERPLAY OF FAMILY HISTORY, GUILT, AND SHAME IN DRINKING**
Berri Rawls B.S. & Erin Prince B.S.
- 2. BEYOND MEDIATORS: A CRITICAL REVIEW AND METHODOLOGICAL PATH FORWARD FOR STUDYING MECHANISMS IN ALCO**
Samuel N. Meisel Ph.D., Cassandra L. Boness Ph.D., Robert Miranda Jr. Ph.D. & Katie Witkiewitz Ph.D.
- 3. FREQUENCY OF DEPLOYMENT MODERATES INSOMNIA TREATMENT RESPONSE AMONG VETERANS IN ALCOHOL TREATMENT**
Sydney Shoemaker M.S., Katie Moskal M.S., Ryan Carpenter Ph.D., Lindsey Freeman M.A., John McGeary Ph.D., Brian Borsari Ph.D., Christina McCrae Ph.D., Jennifer Merrill Ph.D., Kate Carey Ph.D., Jane Metrik Ph.D. & Mary Beth Miller Ph.D.
- 4. GENDER DIFFERENCES IN NORMATIVE MISPERCEPTIONS OF FOOD AND ALCOHOL DISTURBANCE**
Luke Herchenroeder M.S., Katherine A. Berry, M.S., Alison Looby, Ph.D., Adrian J. Bravo, Ph.D. & Ellen W. Yeung, Ph.D.
- 5. MALE AND FEMALE DIFFERENCES IN ALCOHOL PROBLEMS**
Reagan N McClellan & Margo Hurlocker Ph.D.
- 6. THE INTERACTION EFFECT BETWEEN ACADEMIC MOTIVATION AND ACADEMIC IDENTITY ON ALCOHOL OUTCOMES**
Rebeca Fierro Perez-Martinez B.S., Ashley M. Lindquist M.A. & Craig A. Field Ph.D. M.P.H.
- 7. EXAMINING COMPONENTS OF THE ANA MODEL IN THE CONTEXT OF ALCOHOL CONSEQUENCES AND ALCOHOL MODERATION**
Samantha Cassidy B.A., Ahmad Kittaneh M.A., Jackson Jin M.A., Natasha Sidhu Ph.D. & William Lechner Ph.D.
- 8. AFFECT AND ALCOHOL USE INTERACTIONS IN HEART-RATE VARIABILITY MEASURES IN YOUNG ADULTS**
Ty Brumback Ph.D. & Heather Kissel, Ph.D.
- 9. ASSOCIATION OF SPIRITUALITY WITH SUICIDE, MEDIATED BY FORGIVENESS AMONG PROBLEMATIC DRINKERS**
Ashnita S. Maxton Ph.D., Mark E. Mills M. Ed., Declan Murphy M.A., Sharon E. Prager LCSWR, Comfort M. Boye M.A., Alyssa Hill B.S. & Jon R. Webb Ph.D.
- 10. THE INFLUENCE OF POSITIVE DRINKING EXPERIENCES ON NEXT EVENT INCENTIVE RATINGS AND DRINKING**
Lindy Howe B.A., Polly Ingram B.A., Patrick Quinn Ph.D., Rachel Gunn Ph.D. & Peter Finn Ph.D.

- 11. MASCULINE DRINKING NORMS AND THEIR RELEVANCE TO DRINKING MOTIVES IN A DIVERSE SAMPLE OF COLLEGE MEN**
Patrick R. Duryea M.A., Byron L. Zamboanga Ph.D., Wenyue Wang M.Phil., Nyanhial Pal, Patrick McClain B.A. & Dennis E. McChargue Ph.D.
- 12. BRIEF ALCOHOL INTERVENTIONS FOR EMERGING ADULTS IN COMMUNITY SETTINGS: A SCOPING REVIEW**
Jacob Tempchin M.S., Avery C. Buck B.A., Sara J. Becker Ph.D., Molly Magill Ph.D., Laura Reid Marks Ph.D. & James G. Murphy Ph.D.
- 13. A TALE OF TWO BARS: RELIABILITY OF A VIRTUAL REALITY BAR FOR THE ASSESSMENT OF DRINKING TOPOGRAPHY**
Victor J. Schneider II M.S., Nicholas Bush M.S., Michael Robinson Ph.D. & Jeff Boissoneault Ph.D.
- 14. A PRELIMINARY INVESTIGATION OF ALCOHOL EXPECTANCIES IN A SAMPLE OF SOUP KITCHEN ATTENDEES**
Jessica N. Flori, Ph.D., Kristyn Zajac Ph.D. & Carla J. Rash Ph.D.
- 15. ALCOHOL-RELATED VARIABLES DIFFER BASED ON FOOD AND ALCOHOL DISTURBANCE (FAD) MOTIVE**
Katherine Berry M.S., Mark A. Prince Ph.D., Luke Herchenroeder M.S., Adrian J. Bravo Ph.D., Bradley T. Conner Ph.D., Laura J. Holt Ph.D., Ty S. Schepis Ph.D., Ellen W. Yeung Ph.D., Alison Looby Ph.D. & Stimulant Norms and Prevalence 2 (SNAP2) Study Team
- 16. CBT COMBINED WITH MI FOR ALCOHOL OR OTHER DRUG USE DISORDER: PRELIMINARY META-ANALYSIS RESULTS**
Lovisa Werner M.P.H., Molly Magill Ph.D., Lara Ray Ph.D., Brian Kiluk Ph.D., & Thomas A. Trikalinos M.D. Ph.D.
- 17. INSOMNIA TREATMENT EFFECTS ON NEGATIVE EMOTIONALITY AMONG VETERANS IN TREATMENT FOR ALCOHOL USE DISORDER**
Melissa Nance, M.A, Ryan W. Carpenter, Jane Metrik, Brian Borsari, Christina S. McCrae, Jennifer E. Merrill, Kate B. Carey, John E. McGeary, & Mary Beth Miller
- 18. ALCOHOL AND BRAIN STRUCTURE ACROSS THE LIFESPAN: A SYSTEMATIC REVIEW OF LARGE-SCALE STUDIES**
Joshua Gowin Ph.D., Katelyn Kirk-Provencher Ph.D., Joseph Schacht Ph.D., Hollis Karoly Ph.D.
- 19. ALCOHOL SENSITIVITY, APPROACH BIAS, AND INHIBITORY CONTROL IN YOUNG ADULT BINGE DRINKERS**
Luke Poole, M.A., Jonathon Bourque B.S, Hannah Perdue B.S, Amber Sarwani M.A., Andrew Ude M.A., Marsha Bates Ph.D. & Brandon Alderman Ph.D.
- 20. UNDERSTANDING ALCOHOL REDUCTION CHALLENGES AMONG COLLEGE STUDENTS: RISK FACTORS AND MOTIVATIONS**
Megan Strowger Ph.D., Matthew K. Meisel Ph.D., Sarah A. Uriarte B.S, Samantha A. Fitzer M.S. & Suzanne M. Colby Ph.D.
- 21. POSITIVE URGENCY MODERATES RELATIONS BETWEEN SIMULTANEOUS ALCOHOL AND CANNABIS MOTIVES AND FREQUENCY**

McKenna Guzman, Katherine A. Berry M.S., Wolfgang A. Wuerker, Ellie T. Jones, Audrey L. Merwin & Alison Looby Ph.D.

22. EXAMINATION OF THE IMPACT OF GENDER ON CHRONIC PAIN, BINGE DRINKING, AND CANNABIS USE.

EmmaJo Briles B.S., Caleb Peterson, Sidney M. Traxler B.S, Emma Maddox & Jenni B. Teeters Ph.D.

23. DAILY ASSOCIATIONS BETWEEN SIMULTANEOUS ALCOHOL AND MARIJUANA USE, MOTIVES AND NEGATIVE CONSEQUENCES

Nicholas Livingston M.S., Audrey Merwin & Alison Looby Ph.D.

24. SEXISM AND CANNABIS-RELATED PROBLEMS AMONG WOMEN: THE ROLE OF NEGATIVE AFFECT AND COPING MOTIVES

Olivia Amorando, Paige Morris M.A., Katharine Thomas B.A. & Julia Buckner Ph.D.

25. PERCEIVED EFFECTIVENESS OF CANNABIS PROTECTIVE BEHAVIORAL STRATEGIES AMONG COLLEGE STUDENTS

Margo Hurlocker Ph.D., Alexandra Hernandez-Vallant M.S., Hannah Carlon M.S., Cinthia Mendoza, Grace Petro & Michael Madson, Ph.D.

26. EFFECTS OF PERINATAL CANNABIS USE ON PERIPARTUM DEPRESSION AND THE MOTHER INFANT DYAD

Zoe E. Brown, Jane Metrik Ph.D., Cynthia Battle Ph.D., Lauren Micalizzi Ph.D. & Rachel L. Gunn Ph.D.

27. ASSESSING SHIFTING US CANNABIS REGULATIONS AND COLLEGE STUDENT CANNABIS AND ALCOHOL USE

Hannah Appleseth M.A., Grace Walker B.S, Delaney Dunn Ph.D., Emily Warner M.S. & Thad Leffingwell Ph.D.

28. CANNABIS TERPENE PROFILE PREFERENCES AMONG COLLEGE STUDENTS IN COLORADO

Joseph Cameron, Bella Packwood, Cianna Piercey M.S. & Hollis Karoly Ph.D.

29. QUANTIFYING CANNABIS USE: ACCURACY AND PREDICTORS IN U.S. ADOLESCENTS AND EMERGING ADULTS

Ruschelle Leone Ph.D., Rachel Tomko Ph.D., Jade Tuttle M.S.W., Loren Hardeman M.S., M.B.A., Chandni Hindocha, Ph.D., & Kevin Gray, M.D.

30. POLYEPIGENETIC SCORES INDICATE INFLAMMATORY BURDEN AMONG HIGH RISK-YOUTH WHO USE CANNABIS

Leslie Ann D Brick Ph.D., Sarah Merrill Ph.D., Seyma Katrinli Ph.D., Alicia K. Smith Ph.D. & Nicole R. Nugent Ph.D.

31. DAILY CANNABIS SELF-REGULATION IS ASSOCIATED WITH HOURS HIGH AND CONSEQUENCES IN YOUNG ADULTS

Anne M. Fairlie Ph.D., Brian H. Calhoun Ph.D., Katherine Walukevich-Dienst Ph.D.,
Miranda L. M. Delawalla Ph.D., Christine M. Lee Ph.D. & Mary E. Larimer Ph.D.

32. A SELF-DETERMINATION THEORY PERSPECTIVE OF MOTIVATION FOR CANNABIS HARM REDUCTION BEHAVIORS

Matison W McCool Ph.D., Dylan K. Richards Ph.D.; Matthew R. Pearson Ph.D. & Addictions Research Team

33. EMOTION REGULATION PROFILES & SUBSTANCE USE OUTCOMES: A SELF-DETERMINATION THEORY PERSPECTIVE

Nina C. Christie Ph.D., M.P.H., Dylan K. Richards Ph.D., Matthew R. Pearson Ph.D. & Addictions Research Team

34. A NARRATIVE SYNTHESIS OF DEFINITIONS OF RECOVERY FROM SUBSTANCE USE DISORDER

Lana Vedelago M.Sc. & Matthew Keough, Ph.D.

35. THE IMPACT OF ADVERSE ADDICTION EXPERIENCES ON RECOVERY NEEDS: AN EXPLORATORY ANALYSIS

Wen Ren, M.S., Kyler S. Knapp Ph.D., Joseph H. Lancaster M.A., Hannah B. Apsley M.S. & H.H. Cleveland Ph.D.

36. EXCLUSIVE CIGARETTE USERS VERSUS DUAL USERS WITH E-CIGARETTES PRIOR TO PSYCHIATRIC HOSPITALIZATION

Abigail P. Winskowicz B.A., Bryan A. McSpadden B.S., Sydney E. Thureen B.S., Marla I. Sarmiento B.S., Jasper A.J. Smits Ph.D. & Richard A. Brown Ph.D.

37. SCOPING REVIEW OF RESPONSIBLE GAMBLING STRATEGIES

Blaine E. Stiglets, Noah S. Anderson, Kaitlyn Prior, Madison E. Greenlee, Adrianna J. Valencia, Natasha M. Bourgoin, James P. Whelan & Meredith K. Ginley

38. THE DAY-LEVEL EFFECTS OF RECOVERY COMMUNITY CENTER ATTENDANCE ON INDICATORS OF RECOVERY WELLBEING AND RISK

Joseph H. Lancaster M.A., Hannah Apsley M.S., Wen Ren M.S. & H Harrington Cleveland III JD Ph.D.

39. PROPHYLAXIS IN OPIOID USE DISORDER: NEUROPATHIC PAIN INTERVENTIONS IN RURAL POPULATIONS

Nikolas Cirillo, M.S..

40. LONGITUDINAL MEASUREMENT INVARIANCE OF CONSTRUCTS DERIVED FROM THE ADDICTION CYCLE

Cassandra Boness Ph.D., Victoria R. Votaw M.S., Elena R. Stein Ph.D., Kevin A. Hallgren Ph.D., & Katie Witkiewitz Ph.D.

41. PSYCHOMETRIC PROPERTIES OF THE HARM REDUCTION SELF-EFFICACY SCALE (HRSES) AMONG COLLEGE STUDENTS

Joey C. Mok B.A., Frank J. Schwebel Ph.D., Matthew R. Pearson Ph.D. & Addictions Research Team

42. **SOCIAL RISK PATHWAYS TO SUBSTANCE USE AND PROBLEMS AMONG NON-COLLEGE EMERGING ADULTS**
Nolan Ramer M.A. & Craig C. Colder Ph.D.
43. **COCAINE USE REDUCTIONS AND LONG-TERM OUTCOMES IN CONTINUING CARE FOR COCAINE DEPENDENCE**
Victoria R. Votaw M.S., Felicia R. Tuchman B.A., Corey R. Roos Ph.D., Hanna M. Hebden M.S., James R. McKay Ph.D., Brian D. Kiluk Ph.D. & Katie Witkiewitz Ph.D.
44. **TOWARD A SOCIAL ECOLOGY OF COLLEGIATE RECOVERY**
Andrew Prior M.Ed., Delaney Logan M.Ed. & Ashley Helle Ph.D.
45. **MINDFULNESS PROFILES AND SUBSTANCE USE CONSEQUENCES: A LATENT PROFILE ANALYSIS**
David "Ikela" I.K. Moniz-Lewis M.S., Frank Schwebel Ph.D., Matthew Pearson Ph.D. & Katie Witkiewitz, Ph.D.
46. **NEED FRUSTRATION AND E-CIGARETTE DEPENDENCE AMONG COLLEGE STUDENTS: THE MEDIATING ROLE OF RUMINATION**
Folly Folivi B.S., Anna Michelle Petrey B.S, Adrian J. Bravo Ph.D., Laura J. Holt Ph.D. & Alison Looby Ph.D.
47. **FAILING TO STATE ROUTE OF ADMINISTRATION IN OPIOID-RELATED STIGMA ITEMS INCREASES MEASUREMENT ERROR**
Jessica Murray B.A., Verlin Joseph Ph.D., M.P.H & Cassandra L. Boness, Ph.D.
48. **SUBSTANCE-SPECIFIC AND SUBSTANCE-GENERAL PROTECTIVE BEHAVIORAL STRATEGIES AMONG COLLEGE STUDENTS**
Olivia J. Cole B.A., Jakub D. Gren M.S., Dylan K. Richards Ph.D., Matthew R. Pearson Ph.D. & Addictions Research Team
49. **BEHAVIOR IN RESPONSE TO DRUG CHECKING AMONG ATTENDEES OF A 4-DAY MUSIC FESTIVAL IN COLORADO**
Riley Ahern, Carter Bruning, Cianna Piercey M.S., Devin Henry, Mikayla Allen-Collins B.S, Joseph Cameron, Jeffrey Snodgrass Ph.D., Bradley Conner Ph.D., & Hollis Karoly Ph.D.
50. **EXAMINING THE IMPACT OF SOCIODEMOGRAPHICS ON ATTITUDES TOWARDS BUPRENORPHINE TREATMENT**
Katherine Nameth B.S., Elizabeth Ueland B.S, Katherine Watkins M.D., M.S.H.S., Jennifer Manuel Ph.D., Jasmin Choi Ph.D., Allison Ober Ph.D., Barbara Lodge B.A. & Karen Osilla Ph.D.
51. **AN INTERRUPTED TIME SERIES ANALYSIS OF FENTANYL, NALOXONE, AND DRUG-INVOLVED DEATHS IN ST. LOUIS**
Schyler T Newman B.A., Zach Budesza Ph.D., Ian A. McNamara B.S, Brandon Park B.A., Brittany A. Blanchard M.P.H., Paul Thater, & Rachel Winograd Ph.D.
52. **G-CHIME FRAMEWORK TO EXAMINE ADDICTION RECOVERY IN ALTERNATIVE PEER GROUPS: A QUALITATIVE ANALYSIS**

Alana M. Johnston B.S., Angela J. Nash Ph.D. APRN CPNP-PC PMHS, Brandon G. Bergman Ph.D. & Emily A. Hennessy Ph.D.

- 53. ALL MY FRIENDS DO IT: PERCEIVED SOCIAL NORMS PREDICT HEAVIER SPORTS BETTING BEHAVIOR AMONG YOUNG ADULTS**
Joseph Lambuth, Arvin Shaygan, Frank Song M.S., Modesta Hurtado, Ty W. Lostutter Ph.D. & Scott Graupensperger Ph.D.
- 54. A NATIONAL STUDY OF GREEK-LIFE INVOLVEMENT AND PRESCRIPTION STIMULANT MISUSE AMONG COLLEGE STUDENTS**
Madison C. Moseley, Alynna G. Summit M.A., Natasha Chaku Ph.D., Kit K. Elam Ph.D., Wura Jacobs Ph.D., Alyssa M. Lederer Ph.D., Ellen L. Vaughan Ph.D. & Patrick D. Quinn Ph.D.
- 55. SOMATIC AVATARS IMPROVE DISTRESS TOLERANCE AMONG UNHOUSED MEN IN RESIDENTIAL SUBSTANCE TREATMENT**
Wenyue Wang, M.Phil., Ashlin R. Ondrusek, B.A., Anna Henson, M.S., M.F.A., Alexa Barrett M.A., Jaimie Elowsky B.A. & Dennis E McChargue, Ph.D.
- 56. PROTOCOL: ADJUNCTIVE OPEN LABEL PLACEBO FOR ACUTE PAIN**
Michael Bernstein Ph.D., Francesca Beaudoin M.D. Ph.D., Molly Magill Ph.D., Cosima Locher Ph.D., Charlotte Blease Ph.D., Irving Kirsch Ph.D., Ashley Gaipo B.S., Maayan Rosenfield M.P.H., Parker Lay B.A., Julia Totten & Jody Rich M.D.
- 57. EMOTION DYSREGULATION AS A RISK FACTOR FOR PTSD FROM OPIOID OVERDOSE RESPONDING AMONG LAYPEOPLE**
Alexa Raudales M.A., Nicole H. Weiss Ph.D., Shannon R. Forkus Ph.D., Reina Kiefer M.A., Emmanuel D. Thomas M.A., Silvi C. Goldstein M.A., Nelson Lin B.A., Elizabeth A. Samuels B.A., Brandon D. L. Marshall Ph.D., & Brendan P. Jacka Ph.D.
- 58. RELATIONSHIPS BETWEEN SUBSTANCE USE MOTIVES, PTSD, AND ALCOHOL-RELATED PROBLEMS ACROSS TWO SAMPLES**
Caitlin McGettrick B.S., Olivia Dick B.S., Jenni Teeters Ph.D. & Matthew Woodward Ph.D.
- 59. POLYSUBSTANCE USE, DEPRESSION, AND SUICIDAL IDEATION AMONG YOUNG ADULTS**
Hemali Patel, Mawsoof Ali, Sidney M. Traxler, Emma Jo Briles, & Jenni B. Teeters
- 60. EXPERIMENTAL TEST OF PERCEPTIONS OF PSYCHEDELICS BY THERAPEUTIC AND RECREATIONAL USE**
Mackenzie Kiniry B.S., Renee E. Magnan Ph.D. & Benjamin O. Ladd Ph.D.
- 61. OPIOID USE DISORDER TREATMENT ENGAGEMENT: THE ROLE OF CO-OCCURRING POSTTRAUMATIC STRESS DISORDER**
Rebecca Ferro M.A., Ian A. McNamara B.S, Ryan W. Carpenter Ph.D., Zach Budesza Ph.D. & Rachel Winograd Ph.D.
- 62. DO ADOLESCENTS MENTAL HEALTH AND SOCIAL SUPPORT PREDICT POST-SUBSTANCE USE TREATMENT TRAJECTORIES?**
Lindsey M. Nichols M.S. & Emily E. Tanner-Smith, Ph.D.

**63. COMMON FACTORS THAT PROMOTE BEHAVIOR CHANGE MAINTENANCE:
INSIGHTS FROM WEIGHT LOSS INTERVENTIONS**

Allecia Reid Ph.D., Andrea Mah M.A., Alexander Kellogg M.A., Madison Eamiello M.A., Kai Holl B.A. & Kate Carey Ph.D.

SATURDAY POSTER SESSION

1. THE INTERACTION OF MOOD AND RUMINATION ACROSS DRINKING AND NON-DRINKING DAYS

Tatiana Magri M.S., Ardhy De Leon M.S., Minh Nguyen B.S, Callie Wang B.S. & Robert Dvorak Ph.D.

2. NON-USE ON PLANNED DRINKING DAYS IN YOUNG-ADULTS WITH AUD: ROLE OF CRAVING AND EMOTION DYSREGULATION

Cassandra Richardson B.A., Angelica DeFalco B.S, Sara Mei B.S, Susi Baumgardner B.A., Maggie J. Mataczynski B.A. & Noah N. Emery Ph.D.

3. EARLY TRAUMA EXPERIENCES, ALCOHOL USE, AND INTERPERSONAL VIOLENCE VICTIMIZATION

Darian A Lopez M.S., Ma. Veronica Felipe M.A., Danielle Lauricella Ph.D. & Antover P. Tuliao, Ph.D.

4. PERCEIVED BENEFITS OF A 30-DAY ALCOHOL ABSTINENCE CHALLENGE

Dokyoung Sophia You Ph.D.

5. RELIGIOUS COPING, PTSD, AND ALCOHOL USE AMONG INDIVIDUALS WITH A HISTORY OF SEXUAL VICTIMIZATION

Emmanuel Thomas M.A., Reina Kiefer M.A., Emmanuel D. Thomas M.A. & Nicole H. Weiss Ph.D.

6. COMPARING THE CRITERION VALIDITY OF TWO MEASURES OF ALCOHOL PROTECTIVE BEHAVIORAL STRATEGIES USE

Lauren Greenspoon M.S., Skyler Hoover M.S., Morgan Haga B.S, Alex Melville B.S, Michael Madson Ph.D. & Harm Reduction Research Team

7. LOCOMOTION AND LIBATION: THE PACING PARADOX OF MOVEMENT, MOOD, AND MIXED DRINKS

Mason L. Hatwan M.A., Beth Boyd, Ph.D. & Noah N. Emery Ph.D.

8. COLLEGE DRINKING TO COPE, MENTAL DISTRESS, AND AVOIDANCE: SELF-COMPASSION AS A PROTECTIVE FACTOR

Rachel Ayala Guzman B.S. & Abby L. Braitman Ph.D.

9. SOCIAL ANXIETY, DEPRESSION, DISTRESS TOLERANCE, AND ALCOHOL USE: MODERATED MEDIATION ANALYSES

Rachel B. Geyer M.A. & Rose Marie Ward Ph.D.

10. GENDER MODERATES THE RELATIONSHIP BETWEEN PSYCHOPATHY & ALCOHOL USAGE AMONG COLLEGE STUDENTS

Ellie Reznicek, Jaimie Elowsky B.A., Alexa Barrett M.A., Amelia McChargue, Dennis E McChargue Ph.D., Antover Tuliao Ph.D., Alicia Earl Ph.D., & Bernice VL Mamauag

- 11. EXAMINING RESPONSE TO ECHECKUP TO GO FOR ALCOHOL INTERVENTION AMONG FRATERNITY AND SORORITY MEMBERS**
Emily Renzoni B.S., Jennifer L. Shipley M.S. M.P.H., Rachel Ayala Guzman B.S, Adrian J. Bravo Ph.D., Cathy Lau-Barraco Ph.D., Kate B. Carey Ph.D. & Abby L. Braitman Ph.D.
- 12. BEHAVIORAL ECONOMIC PREDICTORS OF ALCOHOL USE OUTCOMES AMONG INDIVIDUALS RECEIVING PHARMACOTHERAPY**
Neo Gebru Ph.D., Ben Berey Ph.D., Samantha Portis Ph.D., Kimberly Goodyear Ph.D., James MacKillop Ph.D., & Robert Miranda Jr. Ph.D.
- 13. BEYOND THE SCREEN: UNDERSTANDING SOCIAL MEDIA, ANXIETY, AND FOOD AND ALCOHOL DISTURBANCE**
William Murley B.A., Jessica Perrotte Ph.D., Crystal Oberle Ph.D., & Krista Howard Ph.D.
- 14. ANTICIPATORY AND COMPENSATORY ANXIETY AND URGE TO DRINK AMONG UNDERGRADUATES**
Alison Looby Ph.D., Katherine A. Berry M.S., EmmaJo Briles B.S., McKenna Guzman, Abigale Salisbury & Wolfgang Wuerker
- 15. IS ALCOHOL RECOVERY IDENTITY PREDICTIVE OF OUTCOMES AMONG HELP & NON-HELP SEEKING HEAVY DRINKERS?**
Anita Kapila-Ramirez B.A., Sheena Adolphus B.A., Melissa Hudson & Kevin S. Montes, Ph.D.
- 16. EFFECT OF LEVODOPA ON FUNCTIONAL CONNECTIVITY AT REST IN ALCOHOL USE DISORDER**
Kathryne Van Hedger Ph.D., Suzanne T. Witt Ph.D., Taylor Breddy B.A., Nole M. Hiebert Ph.D. M.D., Ivan Witt MD, Ken N. Seergobin M.S. & Penny A. MacDonald Ph.D. M.D.
- 17. EFFECTS OF EXECUTIVE FUNCTION ON ALCOHOL CUE REACTIVITY: FINDINGS FROM A HUMAN LABORATORY PARADIGM**
Audrey Bell B.A., Samantha Portis Ph.D. & Robert Miranda Jr. Ph.D.
- 18. ATHLETIC AND PERSONAL IDENTITY AND ALCOHOL USE: A LATENT PROFILE ANALYSIS**
Kelsie K. Allison M.S., Alan Meca Ph.D., Jennifer L. Shipley M.S. M.P.H., Bethany Cruz B.A., Karabella Montalbo, Michelle Nguyen, Janine V. Olthius Ph.D., Jennifer E. Merrill Ph.D., Jessica Martin Ph.D., Byron L. Zamboanga Ph.D., David Wyrick Ph.D. & Jeffrey J. Milroy Ph.D.
- 19. IDENTIFYING SUBSTITUTE ACTIVITIES FOR HAZARDOUS ALCOHOL USE VIA COMMODITY PURCHASE TASKS**
Sarah Weinsztok Ph.D., Derek D. Reed Ph.D., Jim Murphy Ph.D., Brandon Miller M.S. M.A., Noah Emery Ph.D. & Michael Amlung Ph.D.
- 20. WHY DO COLLEGE STUDENTS DRINK BEFORE ATTENDING A VIRTUAL SOCIAL EVENT WITH FRIENDS AND FAMILY?**

Patrick McClain B.A., Byron L. Zamboanga Ph.D., Banan Ramarushton M.S., Linda Thompson M.A., Heidemarie Blumenthal Ph.D., Michael Randazza M.A. & Katherine Walukevich-Dienst Ph.D.,

21. **FEELING IN CONTROL IN SEXUAL SITUATIONS: ASSOCIATIONS WITH ALCOHOL AND ALCOHOL PROTECTIVE BEHAVIORS**
Roselyn Peterson Ph.D., Gabriela López Ph.D., Michelle Haikalis Ph.D., Prachi H. Bhuptani Ph.D., Lindsay M. Orchowski Ph.D. & Jennifer E. Merrill Ph.D.
22. **ACCURACY OF SELF-MONITORING DRINKING RISK DIFFERS ACROSS INDIVIDUALS**
Ariela Papp B.A., Gaylen E Fronk M.S., Kendra Wyant M.S., Sarah Sant'Ana M.S. & John J Curtin Ph.D.
23. **SLEEP DISTURBANCES RELATE TO PROBLEMATIC ALCOHOL USE VIA EFFORTFUL CONTROL AND NEGATIVE EMOTIONALITY**
Chloe E. Martinez B.A., Christian C. Garcia Ph.D., Matison W. McCool Ph.D., Maria M. Wong Ph.D., Matthew R. Pearson Ph.D. & Protective Strategies Study Team
24. **ALCOHOL USE AND STI SCARE IN YOUNG ADULTS: THE MEDIATION ROLES OF RISKY SEX AND HIV RISK PERCEPTION**
Queen Adeyemo M.D., Awua Joshua M.A., Nephtaly Joel Botor M.A., Ohene Lilian M.A. & Antover Tuliao Ph.D
25. **PERCIVED NORMS AND ALCOHOL PROBLEMS: THE ROLES OF ALCOHOL USE AND PROTECTIVE BEHAVIOR STRATEGIES**
MariePearl Agordzo M.Phil., Joshua Awua M.A., Nephtaly Joel Botor M.A., Lauren E Lewis M.A., Lilian Ohene M.A., Queen Adeyemo M.D. & Antover P. Tuliao Ph.D.
26. **THE ROLE OF DISTRESS INTOLERANCE IN CO-OCCURRING OCD AND ALCOHOL MISUSE**
Michael P. Randazza M.S., Lindsay S. Ham Ph.D. & Byron L. Zamboanga, Ph.D.
27. **WHO RISK LEVEL IS ASSOCIATED WITH LOWER SUBSTANCE-FREE REINFORCEMENT & GREATER NETWORK DRINKING**
Avery Buck B.A., Samuel F. Acuff Ph.D., Kyla Belisario M.A., Ashley A. Dennhardt Ph.D., James MacKillop Ph.D. & James G. Murphy Ph.D.
28. **RELATIONS BETWEEN ALCOHOL EXPECTANCIES, ALCOHOL PROBLEMS & SOCIAL MEDIA CONTENT**
Callie L. Wang B.A., Jaqueline Woerner Ph.D., Tatiana D. Magri M.S., Minh D. Nguyen B.A. & Lidia Z. Meshesha Ph.D.
29. **RELATIONS BETWEEN DAILY SOCIAL MEDIA USE, BINGE DRINKING, AND CANNABIS USE**
Caleb Peterson, Jenni Teeters Ph.D. & Mawsoof Ali B.S.
30. **EXPLORING INCREASED CANNABIS USE AFTER RESOLVING AN OPIOID OR STIMULANT ADDICTION**
Corinne A Beaugard Ph.D.

31. **COLLEGE STUDENT FOOD RESTRICTION ON ALCOHOL AND CANNABIS SINGULAR AND CO-USE DAYS**
Ireland M. Shute, B.A., Reagan E. Fitzke B.S., Keegan Buch B.A., Megan E. Brown B.S., Mark A. Prince Ph.D., Stuart B. Murray Ph.D., & Eric R. Pedersen Ph.D.
32. **DEVELOPMENT AND VALIDATION OF THE POSITIVE OUTCOMES OF CANNABIS USE SCALE (POCUS)**
Jamie Parnes Ph.D., Mark A. Prince Ph.D. & Bradley T. Conner Ph.D.
33. **EXPOSURE TO CANNABIS-RELATED CONTENT ON TIKTOK, SOCIAL NORMS, AND CANNABIS USE AMONG EMERGING ADULTS**
Katherine Vrotsos M.A. & Ty Schepis Ph.D.
34. **ADVERSE CHILDHOOD EVENTS AND CANNABIS-RELATED PROBLEMS: THE ROLE OF SHAME AND COPING MOTIVES**
Minh Nguyen B.A., Lidia Z. Meshesha Ph.D., Robert D. Dvorak Ph.D., Michael E. Dunn Ph.D., Callie L. Wang B.A., Tatiana D. Magri B.S. & Jenni B. Teeters, Ph.D.
35. **DISTRESS TOLERANCE AND MEDICAL REASONS FOR CANNABIS USE: ASSOCIATIONS WITH CANNABIS RISK**
Mary Ellen Fernandez B.A., MiKayla Dotson B.A., Amara Ali B.S. & Rachel L. Gunn Ph.D.
36. **NEGATIVE CANNABIS HANGOVER SYMPTOMS ARE ASSOCIATED WITH THE USE OF PROTECTIVE BEHAVIORAL STRATEGIES**
Sarah Elder M.S., Jacqueline Minder-Almanza, Benjamin O. Ladd Ph.D. & Naomi McFarland B.S
37. **USING CANNABIS TO COPE MODERATES NEGATIVE EMOTIONALITY AND POOR SLEEP QUALITY**
Katie Moskal M.S., Sydney D. Shoemaker M.S., Jenni B. Teeters Ph.D. & Mary Beth Miller Ph.D.
38. **THC EDIBLES: ORGANIZATION OF EXPECTANCIES IN MEMORY BASED ON USE FREQUENCY**
Melissa Manning, B.S., Mark Crisafulli M.S., Michael Dunn Ph.D., Jessica Flori Ph.D., Gabrielle Lynch M.S., Cameron Davis B.S., Rachel Cooper B.A. & Shane Marohnic B.
39. **PERCEIVED SOCIAL SUPPORT MEDIATES THE RELATIONSHIP BETWEEN DEPRESSIVE SYMPTOMS AND CANNABIS USE**
Emma Ritchie M.A., Hyoun (Andrew) S. Kim Ph.D., N. Will Shead Ph.D., David C. Hodgins Ph.D., & Matthew T. Keough Ph.D.
40. **MULTIMODAL REWARD PROCESSING INDICES ARE ASSOCIATED WITH ADOLESCENT CANNABIS USE**
Sarah A. Thomas Ph.D., Sarah K. Ryan B.A., Meghan A. Gonsalves Ph.D.; Jane Metrik Ph.D., Jodi Gilman Ph.D., Michael Frank Ph.D., Emily Olenik B.S., Brynn Chouinard B.A. & Anthony Spirito Ph.D.
41. **CANNABIS USE EXPECTANCIES: DIFFERENCES BASED ON INGESTION METHOD AND SELF-REPORTED CONSEQUENCES**

Shane D. Marohnic B.A., Mark Crisafulli M.S., Jessica Flori Ph.D., Cameron Davis B.S.,
Melissa Manning B.S. & Michael Dunn Ph.D.

42. A DAILY DIARY ASSESSMENT OF RECOVERY COMMUNITY CENTER EXPERIENCES AND INDICES OF RECOVERY WELLBEING

Hannah Apsley M.S., Wen Ren M.S., Joseph Lancaster M.A. & H. H. Cleveland Ph.D.

43. SENSATION SEEKING AND SUBSTANCE USE BEHAVIOR ASSOCIATED WITH EMERGENT BEHAVIORAL PARADIGMS

Samuel DiCecco M.S. & Brad Conner Ph.D.

44. IMPACT OF ALCOHOL USE DISORDER ON TREATMENT OUTCOMES FOR PATIENTS IN OPIOID USE DISORDER TREATMENT

Ian A. McNamara B.S., Rebecca A. Ferro M.A., Zach Budesza Ph.D., Ryan W. Carpenter Ph.D. & Rachel P. Winograd Ph.D.

45. DOSING DYNAMICS IN MEDICATION-ASSISTED TREATMENT: EXPLORING IMPACT OF EARLY PATTERNS

Abigail McDonald, Scott King M.A., Selena Quiroz M.S., Aaron Ferguson, Robert Sherrick M.D. & Will Corbin Ph.D.

46. SEX- AND DRUG-DEPENDENT EFFECTS OF MINERALOCORTICOID RECEPTOR ANTAGONISTS IN DECREASING BINGE-LIKE DRINKING IN MICE

Claire Pince Ph.D., Nicolaus Bruns B.A., Valeria Acosta B.A., M. Adrienne McGinn Ph.D., George F. Koob Ph.D., Lorenzo Leggio M.D., Ph.D. & Leandro F. Vendruscolo Ph.D., Pharm.D., M.Sc.

47. MOTIVES FOR PSYCHEDELIC USE: AN OBSERVATIONAL, CROSS-SECTIONAL STUDY OF U.S. COLLEGE STUDENTS

Dan Petrovitch M.A., David "Ikela" I.K. Moniz-Lewis M.S., R. Starling Ph.D., J. Spinks B.S., K. Witkiewitz Ph.D. & A. K. Littlefield Ph.D.

48. GAMING DISORDER, TIME SPENT GAMING, AND DEPRESSION: THE MEDIATING ROLE OF BEHAVIORAL ACTIVATION

Jackson Jin M.A., William Lechner Ph.D. & Samantha Cassidy B.A.

49. RISK PERCEPTIONS RELATED TO DRIVING AFTER USE OF SUBSTANCES AMONG COLLEGE STUDENTS IN SIX COUNTRIES

Kianna Csolle M.A., Michael Amlung Ph.D., Adrian Bravo Ph.D. & Cross-Cultural Addictions Study Team

50. PROTECTIVE BEHAVIORAL STRATEGY DIFFERENCES IN SIMULTANEOUS AND SINGLE SUBSTANCE USERS

Alex W. Melville B.S., Morgan R. Haga B.S., Skyler M. Hoover M.A., Lauren A. Greenspoon M.A., Michael B. Madson Ph.D. & Harm Reduction Research Team

51. FACTORS INFLUENCING IN THE CHOICE OF A CAREER IN SUBSTANCE USE TREATMENT: A QUALITATIVE STUDY

Amanda Acevedo Ed.S., Jennifer Lee M.S., Kailey Sullivan B.S., Tara Bautista Ph.D., Gregory Shrader Ph.D. & Frederick S. Wechsler Ph.D., Psy.D.

- 52. EXPECTATIONS OF NICOTINE CONSUMPTION'S INFLUENCE ON GAMBLING**
Matthew Andersland M.S., Abby McPhail, Chance V. Dow, Adrianna J. Valencia, James P. Whelan & Rory A. Pfund
- 53. THE ROLE OF TRAUMA IN THE LIVES OF FEMALE SEX WORKERS**
Alexandra N Davis Ph.D., David T. Lardier Jr., Robert Reid, Pauline Garcia-Reid, Andriana Herrera, Carolina Verdezoto, Sabrina Magliulo & Vlera Fazlija
- 54. CROSS-CUTTING DISORDER DOMAINS AND LIFETIME ENDORSEMENT OF SUBSTANCE CATEGORIES - COMMUNITY SAMPLE**
Brenna Carter B.S., Cole S. Scott B.S., Isabel Basey B.S., Hannah M. Fody B.S., Miranda Gamez, Matilyn Humphreys, LB Olson B.S., Jessica Ujvari, Sam R. Willency, Hollis Karoly Ph.D. & Bradley T. Conner Ph.D.
- 55. CLINICIAN CONVERSATIONS ON OPIOID TAPERING WITH BUPRENORPHINE/NALOXONE IN VETERANS WITH CHRONIC PAIN**
Elliott Chaney B.A., Catherine Baxley Ph.D., Michele Buonora M.D., Brian Borsari Ph.D., Natalie Purcell Ph.D., Beth DeRonne PharmD, William Becker M.D., Jennifer K. Manuel Ph.D., Karen H. Seal M.D. & Erin Krebs M.D.
- 56. PTSD, SEXUAL VIOLENCE SEVERITY, AND SUBSTANCE USE COPING MOTIVES AMONG WOMEN TRAUMA SURVIVORS**
Reagan E. Fitzke, B.S., Christina López González B.S. & Colin T. Mahoney Ph.D.
- 57. IMPLEMENTING A COLLABORATIVE CARE MODEL FOR CO-OCCURRING OPIOID USE AND MENTAL HEALTH DISORDERS**
Karen Chan Osilla Ph.D., Rebecca Weir B.A. & Katherine E. Watkins Ph.D.
- 58. PERCEIVED SOCIAL AND PSYCHOLOGICAL BENEFITS OF SUBSTANCE USE IN ADOLESCENTS: A NETWORK ANALYSIS**
Lauren M. Berny M.Ed. & Emily E. Tanner-Smith Ph.D.
- 59. ORGANIZATIONAL SUPPORTS FOR PEER SUPPORT WORKERS IN SUBSTANCE USE RECOVERY**
Sarah J. Miller M.A., Sarah Grace Frary M.A., Elizabeth Bodalski M.A., Wendy Chu M.A., Maggie Moskal M.A., Ellie Wu M.A., Sayward Harrison Ph.D.
- 60. EXPLORING THE VARYING PORTRAIT OF PROBLEMATIC PORNOGRAPHY USE: A LATENT PROFILE ANALYSIS**
Travis Spencer M.S., Cameron Brown Ph.D., Samuel Spencer Ph.D. & Nicholas Borgogna Ph.D.
- 61. IMPULSIVITY FACETS AND ASSOCIATIONS WITH RISKY BEHAVIORS: A LATENT PROFILE ANALYSIS**
Shelby Whalen M.S., Micaela Dawn, Rory Pfund, Ph.D. & Meredith Ginley, Ph.D.
- 62. AN ECOLOGICALLY VALID APPLICATION OF SELF-DETERMINATION THEORY TO UNDERSTAND RESPONSIBLE ALCOHOL USE**
Dylan Richards Ph.D. & Matthew R. Pearson Ph.D.
- 63. SOCIAL SUPPORT, ADVERSE CHILDHOOD EXPERIENCES, & SUBSTANCE-RELATED PROBLEMS**

Diamonde McCollum M.S., Jenni B. Teeters, Katie R. Moskal & Matthew J. Woodward

64. **FORGIVENESS, POSITIVE PSYCHOLOGY, AND THE RISK FOR RELAPSE**

Mark E. Mills M.Ed., Ashnita S. Maxton M.A., Comfort M. Boye M.A., Declan Murphy M.A., Alyssa Hill M.Ed., Sharon E. Prager LCSWR, Ernestina Aidoo M.A., & Jon R. Webb Ph.D.

Panels and Workshops

Time: Friday April 12th at 1:45pm

Place: Maroon Peak

Title: MENTORING SCHOLARS FROM DIVERSE BACKGROUNDS: BEST PRACTICES FOR EFFECTIVE MENTORSHIP

Session summary:

This panel is spurred on by continuing commitment within Division 50 and CPA to promote diversity, inclusion, and belonging of underrepresented and minoritized populations. Mentoring scholars from diverse backgrounds is one way we can increase diversity of the biomedical and addiction sciences. Thus, developing effective mentorship practices is critical. This panel will invite a critical discussion around best practices for effective mentoring of scholars from diverse backgrounds to equip attendees with concrete takeaways they can use to facilitate effective mentorship. Moderated by members of the CPA Diversity Committee - Drs. Perrotte and Gebru - this panel will be centered around discussing mentoring across identities, and also focus on mentoring around grants and fellowships, scholarship and conduct of research, and general professional development.

Panelists: Jim Murphy, Ph.D.; Denise Hien, Ph.D.; Miguel Pinedo, Ph.D.; Yessenia Castro, Ph.D. **Moderators:** Jessica Perrotte, Ph.D., Neo Gebru, Ph.D.

NETWORKING & SOCIAL EVENTS

Event: CPA Social Hour

Time: Thursday, April 11th 4:30pm

Place: Colorado Foyer

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. Nonalcoholic beverages and snacks will be served. Alcoholic beverages will be available for purchase at the cash bar.

Event: Student Speed-Networking

Time: Thursday, April 11th 5:30pm

Place: Maroon Peak

Student attendees are invited to stay to network with fellow students. This will be a great welcome event for first-time conference attendees. The SoAP Student Committee will organize the event to facilitate networking. Nonalcoholic beverages and snacks will be served. Alcoholic beverages will be available for purchase at the cash bar.

Event: PUMP-sponsored social hour

Time: Friday, April 12th 5:30pm

Place: West Surrender Saloon and Kitchen

This event is hosted by the Division 50 Diversity, Equity, and Inclusion Committee's "Promoting Underrepresented Minorities in Psychology" (PUMP) program. Join us for an informal social event where you will have the opportunity to form new professional relationships with your peers and Division 50 leaders. You can also learn about the new PUMP program, focused on supporting minoritized trainees in our field. All CPA attendees are welcome and encouraged to attend!