



NEWSLINE

A PUBLICATION OF THE COLLEGE ON PROBLEMS OF DRUG DEPENDENCE, INC.
Volume Twenty-Four, Number Three • December 2018

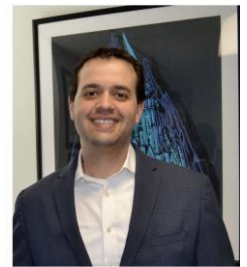
NEWS FROM THE COMMITTEES

Program Committee

William (Bill) Stoops, Chair

Elise Weerts, Past-Chair

Silvia Martins, Brian Kiluk, Theresa Franklin, Sterling McPherson, Kevin Freeman, Gregory Collins, Cassie Gipson-Reichardt, Jillian Hardee, Stephen Kohut, and Maria Parker.



**Bill Stoops, Chair
Program Committee**

The CPDD Program Committee is hard at work planning the 2019 meeting in San Antonio. We recently completed our review of applications for symposia, workshops and forums. We accepted 19 symposia (11 full and 8 mini), 12 workshops and 5 forums. Topics covered in accepted session include novel, non-opioid pain treatments, machine learning, innovative treatment endpoints and outcomes from the ABCD study. Regular abstracts were due December 3 and the committee is now in the process of reviewing those.

When reviewing abstracts, we group promising sets of abstracts into topics for oral communication sessions that complement accepted symposia, workshops, and forums to “round out” coverage and represent the broad interests of CPDD’s diverse membership. Several other program details warrant mention. First, this year, the Committee is making some modifications to the program format and timing to accommodate the recent change to a 4-day conference. Please let us know what you think so we can make sure we keep what works and make adjustments for future meetings. Second, this is my final year as Program Chair. I want to thank all Program Committee members and staff in the Executive Office for helping to make my time chairing the committee very enjoyable. Dr. Kelly Dunn from Johns Hopkins University is Program Chair-Elect and will bring a creative and exciting perspective to the role. I am thrilled to see what she plans for 2020 and beyond.

Hoping to see you on June 15 – 19, 2019 in San Antonio!

NEWS FROM THE COMMITTEES *continued from page 1*

Animals in Research Committee

Mark Smith, Chair

Marilyn Carroll, Past Chair

Members: Fernando De Moura, Tom Hudzik, Dustin Stairs, Sally Huskinson, Ziva Cooper, Brett Ginsburg, James Rowlett, Roger Spealman, and Justin Strickland.



**Mark Smith, Chair
Animal in Research
Committee**

Dr. Mary Jeanne Kallman: Investigating the Abuse Liability of Nicotine in Preclinical Models

By Thomas Hudzik, Ph.D., Animals in Research Committee Member.

Long-time CPDD member Mary Jeanne Kallman has spent a career tackling one of the most insidious and prolific killers of people worldwide: smoking. Cigarette smoking contributes to almost half a million deaths each year, including 40,000 from passive smoke exposure, alone. While much of her career was spent in industry - teaching, managing, and directing research, nicotine dependence and experimental treatment thereof is an issue that Mary Jeanne has managed to revisit repeatedly in her career. Her major contributions to the field include quantitation of nicotine withdrawal and assessment of various experimental treatments of nicotine dependence using preclinical models.

Nicotine (or any other drug's) withdrawal is often measured via application of a functional observational battery – a series of tests that are mandated by regulators. However, the test is often insensitive to subtle withdrawal signs and has components requiring substantial subjective input, and hence, bias. One commonality in drug withdrawal is anxiety, and Mary Jeanne and collaborators made extensive, successful use of acoustic startle to quantify the magnitude of nicotine and other drugs' dependence properties, and reversal thereof. Mary Jeanne was also the first to demonstrate the potential efficacy of CCK-B antagonists, 5-HT1a antagonists, and mGLUR2 agonists in nicotine dependence.

Mary Jeanne holds diplomate status in the Safety Pharmacology Society and she has held several professional leadership positions including President of the Safety Pharmacology Society, Leader of the Scientific Liaison Coalition (SLC) of Society of Toxicology (SOT), and co-leader of the Cross-Company Abuse Liability Council (CCALC). She frequently publishes scientific papers, book chapters, and presents on various CNS issues. She has been a member of CPDD since 2003.



Dr. Mary Jeanne Kallman

NEWS FROM THE COMMITTEES *continued from page 2*

Dr. Stephen Kohut: Identifying Neural Mechanisms of Abused Drugs in Nonhuman Primates

By Fernando B. de Moura, Ph.D., Animals in Research Committee Member

In an effort to elucidate the complex interaction between behavior and drug consumption, Dr. Stephen Kohut, an Assistant Professor of Psychiatry at McLean Hospital/Harvard Medical School, has been developing neuroimaging procedures to examine the effects of drugs in nonhuman primates. One focus of his research involves changes in neural connectivity in awake monkeys self-administering drugs. To conduct these experiments, Dr. Kohut designed custom chambers so that monkeys can rest comfortably within the bore of an fMRI. For experiments in awake monkeys, Dr. Kohut constructed topographical maps of each individual monkey’s head to make custom-fitted masks that constrain movement and allow for clean imaging data. Furthermore, Dr. Kohut established a novel fixed-ratio operant procedure in which pressing a lever for an established period of time resulted in drug injections. This hold-down fixed-ratio procedure limits movement that traditional operant self-administration tasks create.



Dr. Stephen Kohut

Dr. Kohut has trained rhesus macaques to self-administer various abused drugs within an fMRI. While this research is currently ongoing, early results have demonstrated that during cocaine self-administration, there is decreased activity in the putamen, premotor regions, and nucleus accumbens. These results are consistent with cocaine’s known pharmacological actions. Dr. Kohut plans to extend this research to elucidate neural activation patterns during self-administration of other abused drugs (e.g., nicotine, heroin). These developing studies and procedures are important as they can be used to evaluate neurobiological mechanisms of abused drugs and candidate medications.

Overall, the research conducted and developed by Dr. Kohut provides an exciting new frontier in the fields of behavioral pharmacology and neuroscience. Results from these studies will provide key information on how drug exposure and drug-taking behavior interact and can be used to identify specific neural signatures associated to particular drugs of abuse. In turn, these unique neural signatures may be useful in identifying targets for the development of novel treatments to curtail addictive behaviors.

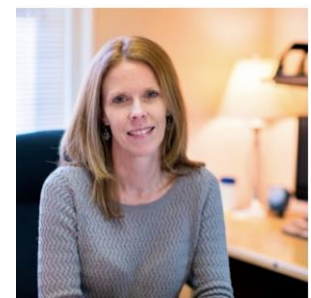
Dr. Kohut has been attending CPDD annual meetings since 2006 and has been an associate member since 2011.

Human Research Committee

Michele Staton, Chair

Jim Sorenson, Past-Chair

Members: Caroline Arout, Alison Oliveto, Andy Tompkins, Alicia Marie Allen, Doris Payer, Tori Vowtow (MIT), Tim Roehrs, Nicolas Schlienz, Bernard Le Foll, Sudie Back, Catherine Striley and George Uhl.



**Michele Staton, Chair,
Human Research
Committee**

The College of Problems on Drug Dependence Human Research Committee welcomed the following new members at the 2018 annual meeting: Alicia Allen (University of Arizona), Caroline Arout (Columbia University), Alison Oliveto (University of Arkansas), Doris Payer (Canadian Centre on Substance Use and Addiction), Andy Tompkins (University of California at San Francisco), and Victoria Votow (University of New Mexico).

NEWS FROM THE COMMITTEES *continued from page 3*

Committee activities thus far have focused on updating and revising a College on Problems on Drug Dependence Policy on Administering Drugs with Abuse Potential in Human Research. Through collaborative efforts by our committee, the policy statement is now under review by the Executive Committee for broad dissemination. Other committee activities have focused on a Forum submission for the 2019 annual meeting on the ethical challenges in recruitment and retention across various human subjects study designs. More specifically, the Forum focuses on recruiting and retaining participants for three study designs that are utilized to understand the etiology, maintenance, and treatment of addiction: (1) human laboratory studies, (2) clinical trials, and (3) technology-based studies (e.g., electronic momentary assessment, mHealth). Discussion content will include the following: selecting inclusion criteria, barriers to participation, strategies to increase retention, and appropriate compensation. The focus of the talks will span adolescent/emerging adult to adult participants. We look forward to seeing you there!

Publications Committee

Qiana L. Brown, Chair

Silvia Martins, Past Chair

Members: Anahita Bassirnia, Kathryn McHugh, Paul T. Harrell, Jun-Xuli, Joao M. Castaldelli-Maia, Christina Bares, Ryan Lacy, Mark Greenwald, and Priscila Dib Goncalves.



**Qiana Brown, Chair
Publication Committee**

News and Views

The CPDD Publications Committee is accepting manuscripts on opioids and cannabis for publication in the **News and Views section** of Drug and Alcohol Dependence (DAD). Original research, commentaries, and review articles are welcomed. Manuscripts can cover a wide array of issues related to these drugs to include, but not limited to use, co-use, disorder, policy, best practices, impaired professionals, and/or gaps in research. Submissions should be no longer than 3,000 words and follow **journal guidelines** for formatting. All submissions should be sent to Dr. Qiana Brown at **qiana.brown@rutgers.edu**, with a cover letter stating the purpose of the article (e.g., original research, commentary, review on opioids or cannabis). All submissions are due by January 21, 2019. Submissions are reviewed by members of the Publications Committee and are not sent out for external peer-review by DAD. Given the gravity of opioid and cannabis use, and the changing sociopolitical landscape pertaining to these drugs, expert insight on these issues is important. Please disseminate this announcement widely to your networks.

Newsline

Please note the following changes to Newsline, beginning in 2019, there will be two editions of the Newsline a year. The first edition will be in March/April before the annual meeting with its highlights, and the second edition in August/September after the annual meeting with the information of the CPDD awards winners.

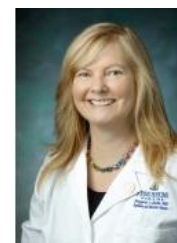
NEWS FROM THE COMMITTEES *continued from page 4*

Media Committee

Margaret (Meg) S. Chisolm, Chair

Bertha Madras, Past-Chair

Members: Stephen Peglow, Amy Bohnert, Amy Janes, Joseph (Joey) Palamar, Mishka Terplan, Alexander Caudarella, Amy Goodwin, Phillip Vieira, and Laura Cope (MIT).



Meg Chisolm,
Chair, Media Committee

For over two years, I have had the pleasure to serve as the Chair of the CPDD Media Committee and to work with a wonderful group of CPDD members and Members-in-Training who volunteer their service on this important committee. One of the Media Committee's primary responsibilities is to oversee the selection of the Annual CPDD/NIDA Media Award recipient. This award goes to an individual or organization that has made major contributions through the media to enhance the public understanding of scientific issues concerning drug use disorders. Throughout the year, Media Committee members keep an eye and ear out for creators of books, movies, television programs, news articles, and podcasts that warrant nomination. Each Media Committee member then nominates a candidate, reviews all nominations, and votes to select the year's Media Award recipient.

For the past six years, the Media Committee has organized the 'What's Hot' Media Forum, which offers CPDD scientists an opportunity to present their research in a rapid-fire, brief, and media-friendly manner. Each Media Committee member reviews all oral abstract communications selected for inclusion at CPDD to identify the "hottest" topics - across a range of research areas - that are of broad public interest and could attract press attention.

For the 2019 annual meeting, the **Media Committee** will offer a Scientific Communication workshop for the first time, designed to help addiction researchers effectively disseminate their scientific results and optimize the reach, relevance and impact of their discoveries. The workshop will equip addiction scientists with the knowledge and tools necessary to: (1) create comprehensible and memorable visual presentations; (2) deliver informative and impactful oral presentations; (3) write scientifically sound, yet attention-getting, press releases; and (4) use social media professionally.

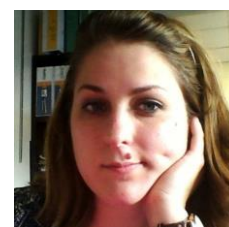
The Media Committee convenes in-person at the CPDD annual scientific meeting and corresponds by email throughout the year. Each member serves for a minimum of 3 years, and we may have openings for at least two new members following the 2019 meeting.

Member-in-Training Committee (MITCo)

Cecilia Bergeria, Chair

Denise Vidot, Past Chair

Members: Rachel Tomko, Danielle Davis, Maria Parker, Anastasia Ferrell, Tabitha Moses, Lia Smith, David Fink, Irene Pericot-Valverde, Dan Schatz, and Ariel Ketcherside.



Cecilia Bergeria, Chair
MIT Committee

The Member-in-Training Committee (MITCo) continues to coordinate activities and generate materials to help Members-in-Training (MIT) engage with CPDD.

This past year, Dr. Maria Parker coordinated our successful mentorship program, and matched 40 mentor and mentee pairs. The mentor and mentee pairs connected in person at the conference, via email and/or via phone. According to our follow-up survey, mentees reported that their mentorship meetings led to future consultations, ideas for collaborators and ideas for funding mechanisms. MITCo will continue this program for CPDD 2019. We will solicit mentors and mentees via email in April.

Continued on page 6

NEWS FROM THE COMMITTEES *continued from page 5*

CPDD OFFICERS

MARGARET HANEY, PHD, PRESIDENT
 ALAN J. BUDNEY, PHD, PAST-PRESIDENT
 ELISE WEERTS, PHD, PRESIDENT-ELECT
 JACK BERGMAN, PHD, MPH, TREASURER
 LORETTA FINNEGAN, MD,
 EXECUTIVE OFFICER
 ELLEN B. GELLER, MA, DIRECTOR,
 EXECUTIVE OFFICE

BOARD OF DIRECTORS

PATRICK M. BEARDSLEY, PHD
 F. IVY CARROLL, PHD
 KATHLEEN M. CARROLL, PHD
 MARILYN E. CARROLL, PHD
 ZIVA COOPER, PHD
 DEBORAH S. HASIN, PHD
 AMY JANES, PHD
 FRANCES R. LEVIN, MD
 GEOFFREY K. MUMFORD, PHD
 BEATRIZ ROCHA, MD, PHD
 STACEY C. SIGMON, PHD
 MARK SMITH, PHD
 WILLIAM STOOPS, PHD
 JENNIFER TIDEY, PHD

**JOÃO M. CASTALDELLI-MAIA, MD, PHD
 & PRISCILA DIB GONCALVES, PHD**

EDITORS

CPDD PUBLICATIONS COMMITTEE

QIANA L. BROWN, PHD, MPH, LCSW,
 CHAIR

ANAHITA BASSIRNIA, MD
 CRISTINA BARES, PHD
 DIANN GAALEMA, PHD
 JUN-XU LI, PHD
 KATHRYN MCHUGH, PHD
 MARK K. GREENWALD, PHD
 PAUL T. HARRELL, PHD

SEND MATERIALS FOR NEWSLINE TO:

PRISCILA DIB GONCALVES
 INSTITUTE & DEPARTMENT OF
 PSYCHIATRY, SCHOOL OF MEDICINE,
 UNIVERSITY OF SAO PAULO
 RUA DR. OVÍDIO PIRES DE CAMPOS 785
 SÃO PAULO, BRAZIL 05403-903
 EMAIL: PRISCILADIB@GMAIL.COM

Dr. Denise Vidot coordinated the 4th Annual Careers in Addiction Science Workshop at the CPDD Annual Meeting. Building on the previous year’s workshop, the 2018 workshop incorporated a speaker who worked in a non-academic setting and allowed time after presentations for breakout discussion groups. Looking forward, the workshop has been submitted again for CPDD 2019 and has incorporated new speakers with additional career paths– we will keep everyone in the loop if it is accepted!

There are several new programs and materials being generated to serve Members-In-Training. Namely, Dr. Rachel Tomko and doctoral student Lia Smith, in collaboration with Dr. Bill Stoops, are generating a CPDD first-time attendee guide to help orient new members/attendees! Second, Dr. Ariel Ketcherside and Dr. Ana Ferrell are coordinating researcher spotlights that will interview notable CPDD members on what they recommend to MIT for being successful in our field. We will notify all members when these materials are published to the website.

Finally, MITCo wants to sincerely thank Dr. Denise Vidot and Dr. Pia Mauro, the founders of MITCo, who have moved on to serve on other CPDD committees. We hope to continue their enthusiasm and service as we build on old MITCo programs and develop new ones.

In Memoriam Committee

Cynthia Arfken, Chair

Lori Keyser-Marcus, Past-Chair

Members: David Barondess, Jonathan Kamien, and Tabitha Moses (MIT).



**Cynthia Arfken, Chair
 In Memoriam Committee**

This year marks the 100th anniversary of the Armistice ending the fighting of what we now call World War I. Many countries mark November 11th as Remembrance Day to remember and honor those who died fighting. Similar in respect, The **In Memoriam** Committee was formed to remember and honor CPDD members and former members who have passed away. We rely on the members of our Committee and all members to alert the CPDD office of any deaths. When a person passes away, we reach out to members who were close to them for photographs and words of remembrance. Each year, we compile these mementos into a presentation to show at the annual meeting to recognize the lives of these members. Through this activity, we pay respect and honor our members. This year has been especially hard as we honor the passing of Nancy Petry, Herbert D. Kleber, Daniel J. Allsop and Albert Herz. If there are other people who we should include, please email the CPDD office.

DRUG AND ALCOHOL DEPENDENCE CORNER

Eric C. Strain, MD, Editor-in-Chief

Editor's choice articles

<https://www.journals.elsevier.com/drug-and-alcohol-dependence/editors-choice/editors-choice2018>

<http://www.drugandalcoholdependence.com/editors-choice>

Twin epidemics: The surging rise of methamphetamine use in chronic opioid users

Matthew S. Ellis, Zachary A. Kasper, Theodore J. Cicero; Vol. 193; Published online: October 10, 2018

In the midst of the current opioid epidemic, methamphetamine use is reportedly increasing across the United States. These studies showed a marked increase in the past month use of methamphetamine in individuals with opioid use disorder, nearly doubling from 18.8% in 2011 to 34.2% in 2017. The Western region had the greatest increase and highest rates of co-occurring methamphetamine and opioid use, although significant increases were seen across all demographic categories. Qualitative data indicated that methamphetamine was not only cheap and easily accessible, but was most often used to balance out the effects of opioids so one could function “normally”.

Risks of fatal opioid overdose during the first year following nonfatal overdose

Mark Olfson, Melanie Wall, Shuai Wang, Stephen Crystal, Carlos Blanco; Vol. 190; Published online: July 4, 2018

This study looked at fatal and nonfatal overdoses following a nonfatal overdose among adults in the US who were in the Medicaid program. The study found that there were high rates of repeated overdoses, and that risk factors associated with a subsequent fatal overdose included filling a benzodiazepine prescription during the period before the nonfatal overdose, overdosing on heroin initially, and needing to get mechanical ventilation after the nonfatal overdose. This suggests that a nonfatal overdose is a critical indicator for targeted interventions, including careful examination of benzodiazepine use and severity of the nonfatal overdose.

81st Annual Meeting

DATES:

June 15 – 19, 2019

LOCATION:

JW Marriott San Antonio Hill County Resort and Spa
San Antonio, Texas



DEADLINES:

Awards for Excellence: February 1, 2019

Travel Awards

- Primm-Singleton: December 8, 2018
- FORCE: December 11, 2018
- Early Career Investigators: December 15, 2018
- Holtzman: December 15, 2018
- International: January 11, 2019

Late-Breaking Abstract Submission

April 12, 2019

Early Bird Registration: April 15, 2019