



MICHIGAN POISON & DRUG  
INFORMATION CENTER  
WAYNE STATE UNIVERSITY

# POISON PERIODICAL

SPRING 2023



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Michigan Poison & Drug  
Information Center

## Welcome to our Newest Team Members!


The Michigan Poison & Drug Information Center is glad to welcome our newest Specialists in Poison Information (SPI).

Our SPIs are registered nurses, pharmacists, and physicians by training. They train on the job to qualify for testing to become Nationally Certified Specialists in Poison Information (CSPI). The MiPDC has been fortunate to welcome CSPIs, SPIs, and other highly qualified and skilled health care professionals to our team this year.

- Iqra Hussein, PharmD., comes to us from the Tennessee Poison Center. Dr. Hussein achieved her Pharm D. in 2021 from Belmont University College of Pharmacy. She has extensive knowledge related to pharmaceuticals and is committed to serving the community.
- Pablo Frias de la Cruz, MD, is a CSPI and also comes to our team from the Tennessee Poison Center, and is an experienced leader in SPI training.
- Omid Mehrpour, MD, has joined our call center and research team. Dr. Mehrpour is a medical toxicologist with a diverse academic and professional background in research, teaching, and scientific publications.

We would also like to mention some of the newest members who joined our team in 2022.

- Mario Marini, MD, Certified Specialist in Poison Information
- Elizabeth Burnham, PharmD, Specialist in Poison Information
- Megan Carney, PharmD, Specialist in Poison Information
- Chelsea Williams, PharmD, Specialist in Poison Information

We also express our gratitude to all of our seasoned SPIs for sharing your time and knowledge to help train our newest team members. Thank you!!! 

Michigan Poison & Drug Information Center \* Non-Profit 501(c)(3) \* Click [here](#) to Donate



550 E. Canfield, Suite 354 \* Detroit, Michigan 48201  
[www.mipoisonhelp.org](http://www.mipoisonhelp.org)



## Community Outreach & Media

The MiPDC's partnerships with agencies and organizations across the state are working to support the health and safety of all Michiganders. Some highlights are below. Follow us on [Facebook](#), [Twitter](#), [Instagram](#), and [LinkedIn](#), or visit [www.mipoisonhelp.org](http://www.mipoisonhelp.org) for more updates.

### Community Outreach

Community Education Outreach is active throughout the state. We offer virtual education events and participate in on-site outreach events. See photos below of several events in which the MiPDC and our community partners participated.



[March 9, 2023  
Substance Abuse  
Awareness Presentation](#)



[March 11, 2023  
MiPDC Look-a-like lab at  
the Wayne State University  
School of Medicine Alumni  
Association Future Docs  
event](#)



[Spring Series  
MiPDC at Macomb  
Health Equity Council](#)



[MiPDC Presentation  
Series at Oakland  
Livingston Human  
Services Agency's  
Older Adult Advisory  
Council](#)

### Media



[Xylazine, an animal  
tranquilizer, is latest  
threat in the opioid  
epidemic: What you  
need to know](#)



[Alcohol Awareness  
Month: Know the  
facts about alcohol  
use and abuse](#)



[There's a push starting  
in Michigan to increase  
carbon monoxide  
awareness and data  
collection](#)



[MiPDC partnership with  
the Michigan Safety  
Conference](#)



## Resources



The MiPDC is your resource for learning more about seasonal poison-related health risks. Click the image to learn more about springtime safety and poison prevention. You can also find resources to help prevent exposure to carbon monoxide, food-borne illness, and other warmer weather hazards.

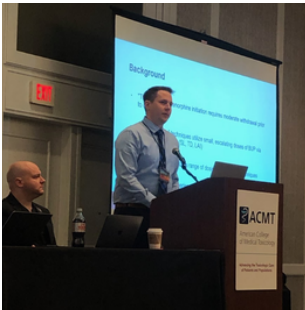
Recovery from substance use disorder is within reach. If you or someone you know needs help with recovery, click below for your regional recovery resources available in Michigan.

Visit our [Substances of Abuse Safety Education](#) page for more information and resources.



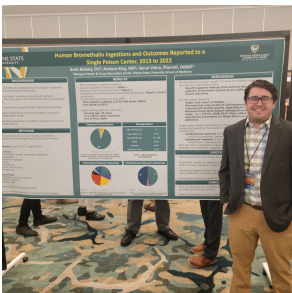
## ACMT Annual Scientific Meeting

Our Fellows attended and participated in events during the 2023 American College of Medical Toxicology Annual Scientific Meeting in San Diego, California, from March 29 - April 2.



Senior fellow, **Brandtly Yakey, DO**, presented on intravenous buprenorphine for conversion of hospitalized patients on full opioid antagonists for the Oral Lightning Presentation platform and discussion.

Dr. Yakey also highlighted research for a poster presentation, "Well, It's One Louder, Isn't It? The Answer to Buprenorphine Precipitated Withdrawal? More Buprenorphine," B. Yakey, DO, A. King, MD, B. Dolcourt, MD, S. Graczyk, PharmD, B. Marshall, MD.



Our junior fellow, **Brett Blakely, DO** presented three posters during this scientific meeting.

- "Pediatric Oral Desmopressin Acetate Overdose Leading to Clinically Significant Neurotoxicity", B. Blakely, DO, A. King, MD, V. Vohra, PharmD, DABAT
- "Human Bromethalin Ingestions and Outcomes Reported to a Single Poison Center, 2013 to 2022", B. Blakely, DO, A. King, MD, V. Vohra, PharmD DABAT
- "Cardiotoxicity Secondary to Oral Pilocarpine Indicated for Xerostomia", B. Blakely, DO, V. Vohra, PharmD, DABAT

For more safety and education resources visit our website. Call the MiPDC Education Line at 1-800-222-1222, Extension 2, for more public education information, materials, or to arrange education outreach events.





## EAPCCT

Dr. Varun Vohra and Dr. Brandtly Yakey will attend the Congress of the European Association of Poison Centres and Clinical Toxicology (EAPCCT) May 23 - 26, 2023, in Mallorca, Spain. They will give abstract presentations for the following publications. Look for highlights from EAPCCT in our summer newsletter.

- **Vohra V**, Aljundi A, Toko HH, Herc R, Khanafer A, Konja J, Bauer S, Tutag-Lehr V. Retrospective evaluation of the effect of oral acetylcysteine on INR in the setting of acetaminophen overdose. *Clinical Toxicology*; Mallorca, Spain. European Association of Poison Centres and Clinical Toxicologists (EAPCCT) Annual Congress 2023.
- **Yakey B**, Gyory M, Olsen E, **Vohra V**, King AM. Antimuscarinic toxicity presenting as a stroke mimicking hypertensive akinetic mutism with response to physostigmine. *Clinical Toxicology*; Mallorca, Spain. European Association of Poison Centres and Clinical Toxicologists (EAPCCT) Annual Congress 2023; 12/2022.

## Recent Publications

- *Basic & Clinical Pharmacology & Toxicology*: Mehrpour O, Saeedi F, **Vohra V**, Abdollahi J, Shirazi FM, Goss F. The role of decision tree and machine learning models for outcome prediction of bupropion exposure: A nationwide analysis of more than 14,000 patients in the United States. *Basic Clin Pharmacol Toxicol.* 2023;1-13. doi:10.1111/bcpt.13865.

## Quarterly Toxicology Grand Rounds

Our toxicologist consulting staff conducted the Spring Quarterly Grand Rounds session for over 200 attendees.

Target Audience: Wayne State University SOM, Detroit Medical Center, Henry Ford Health System: Emergency Medicine Physicians, Pediatric Emergency Physicians, Primary Care Physicians, Clinical and Medical Toxicologists



**Quarterly Toxicology Rounds**  
**Thursday, April 6, 2023, 8:00am - 12:00pm**  
**Mass Poisonings/Disaster TOXICOLOGY**



Lectures:

- Diethylene Glycol: The Other Toxic Alcohol - Brandtly Yakey
- Historic Mass Exposure - Matt Hedge
- Acetaminophen Murders - Varun Vohra
- Radiation Disasters - Bram Dolcourt
- Vinyl Chloride, Beyond the Train Derailment - Brett Blakely
- Poisoning Cases - Andy King

The Wayne State University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Wayne State University School of Medicine designates this live activity for a maximum of 4.0 AMA PRA Category 1 Credit(s)<sup>™</sup>.

For Quarterly Toxicology Grand Rounds updates click [here](#) for the MiPDC [Health Care Professionals](#) page.

