



## MATT Annual Meeting 2026

*Mad Tree Parks & Rec + Event Spaces*  
4321 Glendale Milford Rd, Blue Ash, OH 45242  
March 18-20th, 2026

### Wednesday, March 18, 2026

**Pre-Meeting:** *Wingate by Wyndham Cincinnati/Blue Ash - 4320 Glendale Milford Rd, Cincinnati, OH 45242*

- 12:30 pm – 1:30 pm **Hamilton County Coroner's Crime Lab Tour** –4477 Carver Woods Drive Blue Ash, OH 45242 (3-minute drive from hotel)
- 1:00 pm – 3:00 pm **Registration** (Wingate Hotel - Lobby)
- 2:00 pm – 4:00 pm **Workshop** (Wingate Hotel – International Room) - Moderator: Katie Gabbard  
**Mock Trial** (Harry Plotnick and Bob Topmiller)
- 3:00 pm – 6:00 pm **Sponsor Set-Up** (Mad Tree Parks & Rec - Canopy)
- 4:30 pm – 6:30 pm **Executive Board Meeting & Dinner** (Wingate Hotel – Millenium Room)
- 6:00 pm – 9:00 pm **Welcome Reception** (Mad Tree Parks & Rec - Canopy)

### Thursday, March 19, 2026

All Events – Mad Tree Parks & Rec + Event Spaces: Canopy Room

- 8:00 am – 8:30 am **Breakfast**
- 8:00 am – 5:00 pm **Sponsor Exhibits**
- 7:30 am – 5:00 pm **Registration**
- 8:30 am – 4:55 pm **Scientific Sessions**
- 12:05 pm – 1:05 pm **Lunch**
- 8:30 am - 8:40 am **Welcome (Hosts & President)**  
**Hosts:** Jenna Plummer and Rachel Hamilton  
**President:** Dominique Gidron
- 8:40 am – 10:10 am **Scientific Session #1** – Moderator: Michele Glinn
- 8:40 – 9:25 **Keynote Speaker,**  
**Illicit Drug Exposure in Animals and Forensic Testing** (Amanda Gilbert)
- 9:25 – 9:40 **Hidden Lead in Pregnancy: What Risk-Based Screening Misses** (Rejwi Dahal)
- 9:40 – 9:55 **A Pediatric Fatality Involving Diphenhydramine: A Forensic Toxicology Case Report and Warning** (Ivan Padilla)
- 9:55 – 10:10 **Recognizing Low-Level Toxicology Exposures in Pediatrics Even If You Don't Have A Mass Spec** (Amy Pyle)
- 10:10 am – 10:35 am **Platinum Sponsor Introduction**
- 10:35 am – 11:05 am **Break & Sponsor Exhibits**

- 11:05 am – 12:05 pm **Scientific Session #2** – Moderator: Samantha Beauchamp
- 11:05 – 11:20 ***Toxicological Profiling of Liberian Local Remedies: Implications for Health and Safety***  
(Oren Lerner and DiAngelo Gonzalez)
- 11:20 – 11:35 ***Carbon Monoxide Poisoning in Recreational Boating: A Fatal Drowning Associated with Stern Exhaust*** (Rachel Hamilton)
- 11:35 – 11:50 ***Detection of BTMPS in Blood in Toxicology Case Work*** (Laureen Marinetti)
- 11:50 – 12:05 ***Clinical Toxicology Tests to Support Emergency Department in the Work Up of Overdose***  
(Zhicheng Jin)
- 12:05 pm – 1:05 pm **Lunch & Sponsor Booths**
- 1:05 pm – 2:35 pm **Scientific Session #3** – Moderator: Tabitha Faust
- 1:05 – 2:05 ***Ohio vs. Michigan – More Than Football*** (Douglas Rohde and Michele Glinn)
- 2:05 – 2:20 ***Postmortem Skeletal Toxicology: Improving the Future of Substance Use Epidemiology*** (Christine Pink)
- 2:20 – 2:35 ***Co-Occurring Gabapentinoids and Opioids: A Postmortem Toxicological Analysis***  
(Jade King)
- 2:35 pm – 2:55 pm **Gold Sponsor Introduction**
- 2:55 pm – 3:25 pm **Break & Sponsor Exhibits**
- 3:25 pm – 4:55 pm **Scientific Session #4** – Moderator: Jocelyn Abonamah
- 3:25 – 3:40 ***Oral Fluid Testing – More Than Just Spit*** (Aerielle Downey and Carly Bartson)
- 3:40 – 3:55 ***QTOF Madness! – Method Development on New Instrumentation*** (Deborah Cardiel and Lindsie Mayfield)
- 3:55 – 4:10 ***A Matrix on the Rise: Oral Fluid Testing in the Laboratory*** (Mark Villoria)
- 4:10 – 4:25 ***Strategies for Mitigating the Effects of High Gabapentin Concentrations in Urine Specimens***  
(Samantha Herbick)
- 4:25 – 4:40 ***Qualitative Method Validation of Acid/Neutral Drugs Carisoprodol, Meprobamate, and Naproxen Using Liquid Chromatography-Tandem Mass Spectrometry*** (Kate Martin)
- 4:40 – 4:55 ***Rapid LC-MS/MS Analysis of EtG/EtS in Urine*** (Jared Burkhardt)
- 4:55 pm – 5:00 pm **Awards**
- 6:00 pm – 10:00 pm **MATT Networking Dinner and Rock-Paper-Scissors** (Mad Tree Parks & Rec - Canopy)

## Friday, March 20, 2026

All Events – Mad Tree Parks & Rec + Event Spaces: Canopy Room

8:00 am – 8:30 am **Breakfast**

8:00 am – 10:10 am **Sponsor Exhibits**

8:00 am – 12:00 pm **Registration**

8:30 am – 1:55 pm **Scientific Sessions**

11:40 am – 12:55 pm **Lunch**

11:40 am – 12:55 pm **Sponsor Breakdown**

2:00 pm – 2:15 pm **Afternoon Grab-and-Go Snacks**

2:15 pm – 2:45 pm **Business Meeting**

8:30 am – 9:30 am **Scientific Session #5** – Moderator: Melissa Lloyd

8:30 – 8:45 ***A Review of Novel Psychoactive Drugs Detected by QTOF Analysis*** (Treena Redmon)

8:45 – 9:00 ***New Emerging Semi-Synthetic Opioids and the Analytical Challenges*** (Camille Watson-Gooden)

9:00 – 9:15 ***Establishing Class-Specific Neurobehavioral Signatures of Psychoactive Drugs in Adult Zebrafish*** (Logan Kountz)

9:15 – 9:30 ***Taking It to the Extreme: A Buprenorphine Very Extended Half-Life*** (Michele Glinn)

9:30 am – 9:40 am **Silver Sponsor Introduction**

9:40 am – 10:10 am **Break & Sponsor Exhibits**

10:10 am – 11:40 am **Scientific Session #6** – Moderator: Abigail Hawke

10:10 – 10:25 ***Driving Outcomes: A High Velocity Year for the Regional Toxicology Liaison Team*** (Amy Miles)

10:25 – 10:40 ***Signals in the Noise: Tracking Drug Trends Across the U.S*** (Amy Miles)

10:40 – 10:55 ***2025 Year in Review: Michigan*** (Samantha Beauchamp)

10:55 – 11:10 ***Carfentanil in Virginia: Is the Resurgence Real?*** (Melissa Lloyd)

11:10 – 11:25 ***Mistaken Identity: A Prevalence Study of Bromazolam in the Great Lakes Region***  
(Chris Thomas)

11:25 – 11:40 ***The Cycle Repeats: Evolution of Kratom Products*** (Stuart Kurtz)

11:40 am – 12:55 pm **Lunch**

11:55 am – 12:55 pm **Scientific Session #7- Poster Presentations**

12:55 pm – 1:55 pm **Scientific Session #8** – Moderator: Beth Bauer

12:55 – 1:10 ***Growing Pains and Smart Gains: Lessons from an Integrated Development–Operations Model***  
(Praveen Kumar Alla)

1:10 – 1:55 ***Top Ten Tox Tales*** (Douglas Rohde)

1:55 pm – 2:00 pm **Meeting Closing Remarks**

2:00 pm – 2:15 pm **Fuel for the Road – Afternoon Grab-and-Go Snacks**

2:15 pm – 2:45 pm **MATT Business Meeting** – *all attendees are welcomed to attend*

## Poster Presentations

***UHPLC-ESI-MS/MS Method for Accurate Quantification of Phenylbutazone in Equine Plasma*** (Matt McConnell) -001

***UHPLC-ESI-MS/MS Method for Accurate Quantification of Flunixin in Equine Plasma*** (Maggie Schoener) -002

***Validation of an LC-MS/MS Method for the Quantitative and Qualitative Confirmation of Semi-Synthetic Cannabinoids in Blood.*** (Olivia Walters) -003

***Multiplexed Online Ion Exchange SPE combined with LC/MS/MS for the Simultaneous Analysis of Common Drugs in Human Plasma*** (Mathew Hautman) -004

***The Acetone Alert: Utilizing Acetone as a Screening Tool for  $\beta$ -Hydroxybutyric Acid Analysis and Death Determination*** (David Ross) -005

***Evaluation of ELISA Immunoassay Forensics Kits to Detect Benzodiazepines in Vitreous Humor*** (Nicky Lam) -006

***Buy 1 Get 2 Free: Automated Preparation and LC-MS/MS Analysis of Esoteric, Novel, and Emerging Illicit Drugs in Urine*** (Delaney Baker) -007

***Intravenous Illicit Drug Use in Western Michigan: A Five-Year Review*** (Gemma Harkin) -008