

Workshop #12: Drug-Facilitated Crimes Analytical Approaches/Drug Demographics - Overview – 2023

Part I

Date: Tuesday, October 31

Time: 8:00 AM – 12:00 PM

Cost:

MEMBER RATES		
Early Bird Registration June 1 – Aug 31 \$150	Late Registration Begins Sept 1 \$175	On-site Registration Begins October 11 \$200
NON-MEMBER AND DAILY RATES		
Early Bird Registration June 1 – Aug 31 \$200	Late Registration Begins Sept 1 \$225	On-site Registration Begins October 11 \$250

Chairs

Laureen Marinetti

Senior Forensic Toxicologist

Ascertain Forensics

Laureen.Marinetti@Ascertaintox.com

Celeste Wareing

Instructor, Biomedical Forensic Sciences Program

Boston University

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Abstract

Toxicology is an important part of the investigation into drug-facilitated crimes. The SOFT DFC Committee has resources to aid toxicologists in their DFC work and provide education on improving analytical methods to attain lower detection limits. The workshop will address analytical methodologies that could be used to achieve the standards set forth by the ASB. DFC cases typically require a unique approach to case testing compared to other forensic toxicology casework; this workshop will educate the audiences on different approaches to analytical testing platforms and optimizing workflow. To complement the analytical section, drug prevalence data observed in this population will also be discussed to allow the audience to understand better typical drugs identified in this case type.

Learning Objectives

After attending this course, participants will:

- 1– Understand the national standards for DFC testing
- 2- gain knowledge in different analytical approaches used in DFC casework testing.
- 3 – Apply strategies for DFC testing to improve (lower) detection limits.

Faculty

Joshua Z. Seither, Ph.D.

Toxicologist

Armed Forces Medical Examiner System, and SOFT Applied Analytical Toxicology Committee

Sherri Kacinko, Ph.D., F-ABFT

Forensic Toxicologist

National Medical Services

Kristen Kahl, M.S., D-ABFT-FT, NRCC-TT

Toxicologist 3, Laboratory Supervisor

University of Miami Miller School of Medicine

Audience Knowledge Level

Intermediate - Involves more advanced concepts requiring technical working knowledge or prior exposure to the subject matter.

Workshop Agenda

Time	Topic	Speaker
8:00-8:10 am	Welcome	Laureen Marinetti / Celeste Wareing
8:10-9:00 am	Workflow and how to adjust it to meet recommendations	Josh Seither
9:00-10:00 am	Trends in DFC Case Work	Sherri Kacinko
10:00-10:30 am	Break	
10:30-11:30 am	Algorithm for DFC Case Processing	Kristen Khal
11:30-12:00 pm	Questions and Discussion	Speakers/Chairs