

**Workshop #12: The ABCs of ABFT Certification – Part II: Study Topics in Forensic Toxicology**

**Date: Tuesday October 29, 2024**

**Time: 1:30 PM – 5:30PM**

**Rates:**

<b>MEMBER RATES</b>		
Early Bird Registration June 26 – September 11 \$150	Late Registration Begins September 12 \$175	On-site Registration Begins October 10 \$200
<b>NON – MEMBER RATES</b>		
Early Bird Registration June 26 – September 11 \$200	Late Registration Begins September 12 \$225	On-site Registration Begins October 10 \$250

**Chairs**

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**Abstract**

Since its inception in 1975, the American Board of Forensic Toxicology (ABFT) has been individually certifying forensic toxicologists. There are currently 456 forensic toxicologists actively certified by ABFT: F-ABFT (156), D-ABFT-FA (43), D-ABFT-FD (18), D-ABFT-FT (222), and A-ABFT (17). While there are multiple certification types, this workshop presented by the SOFT Young Forensic Toxicologists (YFT) Committee will focus primarily on the preparation for the ABFT diplomate examination for forensic toxicology, the D-ABFT-FT certification; however, the information provided can be applied to other ABFT certification examinations. Studying for the examination largely focuses on the review of relevant literature and on-the-job training, which may be limited based on an individual’s job title and level of experience. Unfortunately, there are few formal resources or study guides available to aid those preparing to take their ABFT certification examination. Preparation for the ABFT examination incorporates extensive review of a variety of topics in forensic toxicology in conjunction with the applicant’s training and practical experience. The examination topic areas for the D-ABFT-FT certification include Laboratory Practice (10%); Analytical Procedures: Basic Chemistry (35%); Drugs, Xenobiotics and Toxicants: Foundational (25%); Drugs, Xenobiotics and Toxicants: Interpretative (15%); Pathology and Specimens (10%); Regulatory Issues (3%); and History (2%). Although the presentations cover many of the general topics under the D-ABFT-FT certification track, additional studying is required to be fully prepared for the ABFT examination.

## Learning Objectives

1. To create a more thorough understanding of the scope of material and level of knowledge expected to prepare for taking the ABFT certification examination.
2. To provide guidance on the fundamental concepts and applications in forensic toxicology that should be studied before taking the ABFT certification examination.
3. To review basic sample preparation techniques and instrumentation used in forensic toxicology laboratories, as well as, to explain basic pharmacology principles for drugs of abuse, OTC, and prescription drugs.

## Faculty

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## Audience Knowledge Level

Intermediate

## Workshop Agenda

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
1:30 – 1:40 PM	Welcome and Introduction	Marissa Finkelstein and Erika Phung
1:40 – 2:00 PM	History of Toxicology, QA/QC and Regulatory Oversight	Sabra Jones
2:00 – 2:45 PM	General Pharmacology	Joe Kahl
2:45 – 3:10 PM	Postmortem Toxicology and Pathology	Marissa Finkelstein
3:10 – 3:30 PM	Human Performance Toxicology	Erika Phung
3:30 – 4:00 PM	Break	
4:00 – 4:30 PM	Sample Preparation and Extraction	Luke Garcia
4:30 – 4:50 PM	Instrumentation – Screening	Crystal Arndt
4:50 – 5:20 PM	Instrumentation – Confirmation/Quantitation	Robert Lockwood
5:20 – 5:30 PM	Q&A	Marissa Finkelstein and Erika Phung