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:

<table>
<thead>
<tr>
<th>MEMBER RATES</th>
<th>NON – MEMBER RATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Bird Registration</td>
<td>Late Registration</td>
</tr>
<tr>
<td>June 26 – September 11</td>
<td>Begins September 12</td>
</tr>
<tr>
<td>$150</td>
<td>$175</td>
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<td>$200</td>
<td>$225</td>
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Chairs
Marissa Finkelstein, M.S., D-ABFT-FT
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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. 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
Sabra Jones, Ph.D., D-ABFT-FT
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Robert Lockwood, Ph.D., F-ABFT
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Audience Knowledge Level
Intermediate
## Workshop Agenda

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