

Workshop #5: ASB Standards: Overview, Implementation, and Updates

Date: Monday October 28, 2024

Time: 1:30 – 5:00 PM

Rates:

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

Chairs

Robert Johnson, PhD, F-ABFT
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Abstract

The American Academy of Forensic Sciences Academy Standards Board (ASB) is an accredited Standards Developing Organization (SDO). The ASB has been accredited by the American National Standards Institute (ANSI) since 2015, which allows the organization to publish American National Standards. The mission of the ASB is to provide science-based consensus forensic standards to all disciplines of the forensic sciences. The Forensic Toxicology subcommittee of the Organization of Scientific Area Committees (OSAC) utilizes the ASB as its SDO. The subcommittee is tasked with drafting proposed documents, either standards or best practices, and submitting them to the ASB for eventual publication as a consensus-based American National Standard. This workshop will give an overview of this process, to include drafting, obtaining consensus within the field, and eventual publication of standards and best practice documents. Following this overview, four standards will be discussed in detail. These include ANSI/ASB 036, Standard Practices for Method Validation in Forensic Toxicology; ANSI/ASB 054, Standard for a Quality Control Program in Forensic Toxicology Laboratories; ASB 122, Best Practice Recommendation for Performing Alcohol Calculations in Forensic Toxicology; and ANSI/ASB 037, Guidelines for Opinions and Testimony in Forensic Toxicology. The discussions centered around these four ASB documents will focus on implementation, interpretation, utilization, and updates that are currently ongoing.

Learning Objectives

1. Attendees will gain an understanding of the development process and the importance of consensus-based standards and best practices in forensic toxicology.
2. Attendees will understand how to interpret and utilize standards and best practices in order to apply them in the forensic laboratory.
3. Attendees will learn standards discussed in a logical order as they will be used within the laboratory.

Faculty

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Madeline Montgomery, BS
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Audience Knowledge Level

Basic - suitable for individuals new to the field, requires little prior knowledge to the subject matter

Workshop Agenda

Time	Topic	Speaker
1:30-2:00 pm	Introduction to OSAC/ASB	Robert Johnson
2:00-2:45 pm	Updates to ANSI/ASB 036, Standard Practices for Method Validation in Forensic Toxicology	Becky Wagner
2:45-3:30 pm	Application of ANSI/ASB 054, Standard for a Quality Control Program in Forensic Toxicology Laboratories	Chris Heartsill
3:30-4:00 pm	Break	
4:00-4:45 pm	Introduction to ASB 122, Best Practice Recommendation for Performing Alcohol Calculations in Forensic Toxicology	Jennifer Limoges
4:45-5:30 pm	Utilization of ANSI/ASB 037, Guidelines for Opinions and Testimony in Forensic Toxicology	Madeline Montgomery