



# INTERNATIONAL ASSOCIATION FOR CHEMICAL TESTING, INC.

## Officers

*President*  
Scott Brown

*Vice President*  
Curt Harper

*Secretary*  
Lisa Johnston

*Treasurer*  
Raegan Carter

IACT is pleased to offer the following training opportunities during our annual (virtual) conference this coming spring:

## Monday April 12, 2021

10AM-2PM  
(Central Time)

### **Quality Assurance and Uncertainty of Measurement: Fundamentals and Implementation**

Chair: Heather Barkholtz

Description: This workshop will underscore the need for quality assurance systems and the evaluation of uncertainty of measurement. This workshop will analyze some of the critical issues associated with creating a quality assurance program including, but not limited to proficiency testing, measurement traceability, documentation, and root cause analysis. Attendees will also develop an understanding on uncertainties and budgets including real-life examples. There will also be discussions related to the experiences of various laboratories pursuing accreditation including problems, solutions, and efficiencies.

## Board of Directors

Carly Bishop  
Patrick Harding  
Carrie Kirkton  
Robert "Trey" Miles  
Samera Zavaro

## Tuesday April 13, 2021

10AM-2PM  
(Central Time)

### **Better Than Managing: Generating Positive Results Through Effective Leadership**

Chairs: Mark Pevey and Justin Sanders

Description: What do successful teams, healthy workplace environments, and growing individual's all have in common? Great Leadership, but few people are naturally gifted *GREAT* leaders. The good news is leadership is a skill that can be developed through intentionality and perseverance. This workshop will discuss the skills needed to grow your leader potential. Topics to be covered will include discussions on emotional intelligence, personality types, team dynamics, culture development, and implementing change. A special emphasis will be placed on transitioning into a supervisor role, learning to lead from any position, and defining the different types of leaders and stages of leadership. Mastering these concepts will enable a leader to effectively cultivate positive cultures and build strong, stable, productive teams, which results in increased productivity. It will also highlight leadership teachings from Dave Ramsey, John Maxwell, John Miller, Patrick Lencioni, Jon Gordon, John Kotter and others. This workshop will benefit all audiences: managers, bench-level scientists, and trainees.

## Wednesday April 14, 2021

10AM-2PM  
(Central Time)

### **Alcohol Concentration Extrapolation**

Chair: Patrick Harding

Description: Estimating alcohol concentrations in impaired driving and other criminal cases is a frequent request of expert witnesses. The goal of this workshop is to provide attendees with a practical understanding of how to provide such estimates in a forensically acceptable manner. Topics include: forensic alcohol pharmacokinetics, use

of Widmark and other alcohol estimation formulas, retrograde extrapolation, estimation principles applied to actual cases and a Q&A session.

#### **Thursday April 15, 2021**

10AM-2PM **Development and Validation: Plan, Execute, Succeed!**  
(Central Time) Chair: Carrie A. Kirkton

Description: Experts will discuss their experiences in breath alcohol instrument/calibration and alcohol/drug toxicology method development and validation. Attendees will also learn how to apply ISO17025:2017, ANAB AR 3125, and the ANSI/ASB standard for method validation to their own development and validation projects. At the end of this workshop, you will have the tools necessary to overcome the real-life struggles that can occur with development and validation.

#### **Friday April 16, 2021**

10AM-2PM **Recommended Specimens, Scope, Cutoffs, and Strategies for DUI/D Testing & the Impact of Stop Testing Limits**  
(Central Time) Chairs: Curt Harper and James Hutchings

Description: An appropriate scope of analysis is the foundation for comprehensive Driving under the Influence of drugs (DUI/D) testing. The *Recommendations for Toxicological Investigation of Drug-Impaired Driving* will be reviewed. Topics discussed will include recommended compounds (i.e. Tier I, II), appropriate cutoffs, preferred specimens (e.g. blood, oral fluid), and case management practices. The advantages and disadvantages of so-called “Stop Limit Testing” will be objectively presented and debated. Stop Limit Testing is a case management protocol used by some toxicology laboratories to triage DUI/D cases. When using this protocol drug analysis is only routinely pursued in cases when blood alcohol concentrations are less than 0.08-0.10%. We will also explore questions about the pros and cons of quantitative versus qualitative testing in DUI/D. This workshop will explore strategies for DUI/D testing to include immunoassay and mass spectrometry drug screening and how these approaches may complement each other.