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IACT is pleased to offer the following training opportunities during our annual conference in Tucson, Arizona this coming spring:

Sunday April 19, 2020

8AM-5PM

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.

1PM-5PM

ABFT Examination

Thursday April 23, 2020

8AM-5PM

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.

8AM-12PM

Alcohol Concentration Extrapolation

Chairs: Patrick Harding and Laura Liddicoat

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.

1PM-5PM **Development and Validation: Plan, Execute, Succeed!**

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, AR 3125, and proposed ASB method validation standards 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 24, 2020

8AM-12PM **Recommended Specimens, Scope, Cutoffs, and Strategies for DUI/D Testing & the Impact of Stop Testing Limits**

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.

8AM-12PM **Expert Testimony Training: 300 Level**

Chair: Jennie Duffy

Description: When it comes to the typical impaired driving trial, the toxicologist is often times the most knowledgeable person in the room when it comes to expert witness testimony. The prosecutor, while well-versed in the theory and history of the law, is usually young and inexperienced having little or no idea how to handle the intricacies of scientific evidence and opinion testimony from an expert witness. A working knowledge of the rules of evidence, courtroom proceedings, and trial advocacy can assist the expert witness in developing a core set of skills that will make them persuasive advocates no matter who their audience. Join us for an in depth look at presenting scientific evidence and learn that with a knowledge of trial strategies the way you phrase your answer can be as effective as the scientific evidence itself. Participants are encouraged to bring real scenarios from the courtroom or even hypothetical ones for analysis and discussion in the classroom.