



POSTMORTEM INTERPRETIVE TOXICOLOGY

Course Schedule | April 23-26, 2018

Dr. Barry K. Logan, Executive Director, CFSRE
Chelsea Opperman, Course Administrator, CFSRE

All sessions will be held at the Science History Institute, 315 Chestnut Street, Philadelphia PA

Monday, April 23, 2018

8:00 AM	Light breakfast provided
8:30-8:45	<u>Welcome, Goals and Objectives</u> Barry K. Logan, PhD, F-ABFT, Executive Director, Center for Forensic Science Research & Education, Willow Grove, PA
8:45-10:00	<u>Pharmacokinetics and Pharmacodynamics – A Review</u> Edward J. Barbieri, PhD, Assistant Laboratory Director and Toxicologist NMS Labs, Willow Grove, PA
10:00-10:15	Break
10:15-11:30	<u>Cytochrome P450 System and Drug/Drug Interactions</u> Edward J. Barbieri, PhD, Assistant Laboratory Director and Toxicologist NMS Labs, Willow Grove, PA
11:30-12:45	<u>Anesthetics</u> Matthew McMullin, M.S., F-ABFT, Toxicologist NMS Labs, Willow Grove, PA
12:45-1:45	Lunch
1:45-2:45	<u>OTC Drugs</u> Karen Scott, PhD Director of Forensic Science at Arcadia University
2:45-3:00	Break
3:00-4:15	<u>Carbon Monoxide, Cyanide and Hydrogen Sulphide</u> Donna Papsun, M.S., D-ABFT-FT, Toxicologist
4:15-4:30	Questions and Discussion

Tuesday, April 24, 2018

- 8:00 AM** Light breakfast provided
- 8:30-9:45** CNS Stimulants – Related Fatalities
Daniel S. Isenschmid, PhD, F-ABFT, Toxicologist
NMS Labs, Willow Grove, PA
- 9:45-11:00** Hypnotics and Sedatives – Related Fatalities
Karen Scott, PhD
Director of Forensic Science at Arcadia University
- 11:00-11:15** Break
- 11:15-12:30** Seizure and Anticonvulsants in Postmortem Toxicology
Wendy R. Adams, PhD, Assistant Laboratory Director and Toxicologist
NMS Labs, Willow Grove, PA
- 12:30-1:30** Lunch
- 1:30-2:15** Antidepressants, Antipsychotics and Anxiolytics
Daniel S. Isenschmid, PhD, F-ABFT, Toxicologist
NMS Labs, Willow Grove, PA
- 2:15-3:15** Acetaminophen and Aspirin Toxicity
Barry K. Logan, PhD, F-ABFT,
Executive Director, Center for Forensic Science Research & Education, Willow Grove, PA
- 3:15-3:30** Break
- 3:30-4:30** Clinical Toxicology Applied in Forensic Testing: Ketoacidosis and Insulin
Laura M. Labay, PhD, F-ABFT, D-ABCC (TC), Director, Toxicology Services
NMS Labs, Willow Grove, PA
- 4:30-4:45** Questions and Discussion

Wednesday, April 25, 2018

- 8:00 AM** Light breakfast provided
- 8:30-9:45** Opiates and Opioids – Related Fatalities
Sherri L. Kacinko, PhD, F-ABFT, Toxicologist
NMS Labs, Willow Grove, PA
- 9:45-11:00** NPS
Sherri L. Kacinko, PhD, F-ABFT, Toxicologist
NMS Labs, Willow Grove, PA
- 11:00-11:15** Break
- 11:15-12:30** Postmortem Alcohol Toxicology
Aya Chan-Hosokawa, M.S., D-ABFT-FT, Toxicologist
NMS Labs, Willow Grove, PA
- 12:30-1:30** Lunch
- 1:30-2:45** Heavy Metals Toxicity and Fatalities
Lee M. Blum, PhD, F-ABFT, Assistant Laboratory Director and Toxicologist
NMS Labs, Willow Grove, PA
- 2:45-3:00** Questions and Discussion
- 3:00** Optional Activities:
Downtime
Sightseeing
NMS Lab Tour (start time to be determined)

Thursday, April 26, 2018

- 8:00 AM** Light breakfast provided
- 8:30-9:45** Pediatric and Geriatric Toxicology
Robert A. Middleberg, PhD, F-ABFT, D-ABCC (TC), Laboratory Director
NMS Labs, Willow Grove, PA
- 9:45-11:00** Postmortem Redistribution of Drugs
William H. Anderson, PhD, F-ABFT, Toxicologist
NMS Labs, Willow Grove, PA
- 11:00-11:15** Break
- 11:15-12:30** Specimen Collection and Laboratory Testing
Laura M. Labay, PhD, F-ABFT, D-ABCC (TC), Director, Toxicology Services
NMS Labs, Willow Grove, PA
- 12:30-1:30** Lunch
- 1:30-2:30** Questions and Discussion
Panel Discussion w/ Available Faculty
- 2:30-3:00** Distribution of Certificates