



## POSTMORTEM INTERPRETIVE TOXICOLOGY

### Course Schedule | April 23-26, 2019

Dr. Barry K. Logan, Executive Director, CFSRE  
Dr. Laura M. Labay, Course Director, NMS Labs  
Chelsea Opperman, Course Administrator, CFSRE

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

### Tuesday, April 23, 2019

8:00 AM	Light breakfast provided
8:30-8:45	<b><u>Welcome, Goals and Objectives</u></b> Barry K. Logan, PhD, F-ABFT, Executive Director, Center for Forensic Science Research & Education, Willow Grove, PA
8:45-9:45	<b><u>Instrumentation in the Toxicology Laboratory</u></b> Francis X. Diamond Chemistry Technical Director II, NMS Labs
9:45-10:45	<b><u>2019 – Drugs and Poisons of Current Interest</u></b> Barry K. Logan, PhD, F-ABFT, Executive Director, Center for Forensic Science Research & Education, Willow Grove, PA
10:45-11:00	Break
11:00-12:00 PM	<b><u>Pathology and Histopathology Findings in the Drug-Related Death</u></b> Christopher Milroy, M.D. Forensic Pathologist, The Ottawa Hospital, Ottawa, Canada
12:00-1:15	Lunch
1:15-2:15	<b><u>Postmortem Redistribution</u></b> William H. Anderson, PhD, F-ABFT, Toxicologist NMS Labs
2:15-3:15	<b><u>Alcohol Toxicology</u></b> Laura M. Labay, PhD, F-ABFT, D-ABCC (TC), Director Toxicology Services NMS Labs
3:15-4:15	<b><u>Ketoacidosis and Insulin Poisoning</u></b> Christopher Milroy, M.D. Forensic Pathologist, The Ottawa Hospital, Ottawa, Canada
4:15-4:30	<b><u>Questions and Discussion</u></b>
5:00-7:00	Reception

Wednesday, April 24, 2019

8:00 AM	Light breakfast provided
8:30-10:00	<b><u>Management of Poisonings/Overdoses in the E.D., and Death Investigator Interactions</u></b> Lewis S. Nelson, M.D., Emergency Medicine and Medical Toxicology
10:00-10:15	Break
10:15-11:30	<b><u>Pharmacokinetics and Pharmacodynamics</u></b> Edward J. Barbieri, PhD, Assistant Laboratory Director and Toxicologist NMS Labs
11:30-11:45	Break
11:45-1:00 PM	<b><u>The Cytochrome P450 System and Drug/Drug Interactions</u></b> Edward J. Barbieri, PhD, Assistant Laboratory Director and Toxicologist NMS Labs
1:00-2:00	Lunch
2:00-3:00	<b><u>Acetaminophen and Salicylate Toxicity</u></b> Barry K. Logan, PhD, F-ABFT, Executive Director, Center for Forensic Science Research & Education, Willow Grove, PA
3:00-3:15	Break
3:15-4:15	<b><u>Anesthetics and Inhalants</u></b> Matthew M. McMullin, M.S., F-ABFT-FT, Toxicologist NMS Labs
4:15-4:45	<b><u>Questions and Discussion</u></b>

Thursday, April 25, 2019

8:00 AM	Light breakfast provided
8:30-9:45	<b><u>CNS Stimulants, and Excited Delirium</u></b> Daniel S. Isenschmid, PhD, F-ABFT, Toxicologist NMS Labs
9:45-11:00	<b><u>Opiates and Opioids</u></b> Sherri L. Kacinko, PhD, F-ABFT, Toxicologist NMS Labs
11:00-11:15	Break
11:15-12:30 PM	<b><u>Novel Psychoactive Substances</u></b> Donna M. Papsun, M.S., D-ABFT-FT, Toxicologist NMS Labs
12:30-1:45	Lunch
1:45-3:00	<b><u>Antidepressants and Antipsychotics</u></b> Daniel S. Isenschmid, PhD, F-ABFT, Toxicologist NMS Labs
3:00-3:15	Break
3:15-4:30	<b><u>Anticonvulsants and Antianxiety Drugs</u></b> Wendy R. Adams, PhD, Assistant Laboratory Director and Toxicologist NMS Labs
4:30-4:45	<b><u>Questions and Discussion</u></b>
5:45	NMS Labs Tour (Optional)

Friday, April 26, 2019

8:00 AM	Light breakfast provided
8:30-9:30	<b><u>CO, CN, and Hydrogen Sulfide – Related Fatalities</u></b> Lee M. Blum, PhD, F-ABFT, Assistant Laboratory Director and Toxicologist NMS Labs
9:30-11:00	<b><u>Pediatric and Geriatric Toxicology</u></b> Robert A. Middleberg, PhD, F-ABFT, D-ABCC (TC), Laboratory Director NMS Labs
11:00-11:15	Break
11:15-12:30 PM	<b><u>OTC Drugs</u></b> Karen Scott, PhD Director of Forensic Science, Arcadia University
12:30-1:45	Lunch
1:45-2:45	<b><u>Panel Discussion with Available Faculty</u></b>
2:45-3:00	<b><u>Distribution of Certificates</u></b>
3:30-6:30 PM	ABFT Exam - must be pre-arranged