

**POSTMORTEM INTERPRETIVE TOXICOLOGY**  
**Course Schedule | March 30 thru April 2, 2020**  
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

**Monday, March 30, 2020**

8:00 AM	Light breakfast provided
8:15-8:30	<u>Welcome, Goals and Objectives, Resources</u>
8:30-9:45	<u>The Role of the Toxicology Laboratory in Death Investigations</u> Michael E. Lamb, MSFS, D-ABFT-FT; Forensic Toxicologist at NMS Labs
9:45-11:00	<u>Pharmacokinetics, Pharmacogenetics and Drug-Drug Interactions in Postmortem Toxicology</u> William H. Anderson, PhD, F-ABFT; Forensic Toxicologist at NMS Labs
11:00-11:15	Break
11:15-12:30	<u>Alcohol, Acetone, and Glycols</u> Stephanie Marco, PhD; Postdoctoral Toxicologist at NMS Labs Charles A. Catanese, M.D., Forensic Pathologist for Ulster Co. NY
12:30 -1:45	Lunch
1:45 - 3:00	<u>Opiates and Opioids</u> Sherri L. Kacinko, PhD, F-ABFT; Forensic Toxicologist at NMS Labs Charles A. Catanese, M.D., Forensic Pathologist for Ulster Co. NY
3:00 – 3:15	Break
3:15-4:30	<u>Benzodiazepines</u> Aya-Chan Hosokawa, MS, D-ABFT-FT; Forensic Toxicologist at NMS Labs Charles A. Catanese, M.D., Forensic Pathologist at Ulster Co. Medical Examiner
4:30 -5:00	<u>Class Discussion and Questions and Discussion</u>
5:00-7:00	Reception at SHI Museum Overlook - Wine and Hors D'oeuvres

Tuesday, March 31, 2020

8:00 AM Light breakfast provided

8:15-9:15 Acetaminophen and Salicylates  
Barry K. Logan, PhD, F-ABFT; Executive Director at the CFSRE

9:15-10:30 Therapeutic Medications (Sleep-Aids, Antihistamines, Muscle Relaxants)  
Karen Scott, PhD, Director and Associate Professor of Forensic Science at Arcadia University  
Charles A. Catanese, M.D., Forensic Pathologist for Ulster Co. NY

10:30-10:45 Break

10:45-11:45 Inhalants – Solvents and Anesthetic Gases  
Matthew M. McMullin, MS, F-ABFT; Forensic Toxicologist at NMS Labs

11:45-12:45 Toxic Gases – Carbon Monoxide, Cyanide, Hydrogen Sulfide  
Lee M. Blum, PhD, F-ABFT; Assistant Laboratory Director at NMS Labs  
Charles A. Catanese, M.D., Forensic Pathologist for Ulster Co. NY

12:45-2:00 Lunch

2:00-3:00 CNS Stimulants – Cocaine, Methamphetamine  
Barry K. Logan, PhD, F-ABFT; Executive Director at the CFSRE  
Charles A. Catanese, M.D., Forensic Pathologist for Ulster Co. NY

3:00-4:15 Botanicals - Cannabis, Synthetic Cannabinoids, Kratom  
Donna M. Papsun, MS, D-ABFT-FT; Forensic Toxicologist at NMS Labs

4:15-4:30 Questions and Discussion

Wednesday, April 1, 2020

8:00 AM	Light breakfast provided
8:15-9:30	<u>Antidepressants</u> Jolene J. Bierly, MSFS, D-ABFT-FT; Forensic Toxicologist at NMS Labs
9:30-10:30	<u>Antipsychotics</u> Laura M. Labay, PhD, F-ABFT, D-ABCC(TC); Director of Toxicological Services at NMS Labs
10:30-10:45	Break
10:45-11:45	<u>Anticonvulsants</u> Justin Brower, PhD; Associate Chief Toxicologist at North Carolina Office Chief Medical Examiner
11:45-1:00	Lunch
1:00-2:00	<u>Insulin – Endogenous and Synthetic</u> Laura M. Labay, PhD, F-ABFT, D-ABCC(TC); Director of Toxicological Services at NMS Labs
2:00-2:15	Break
2:15-3:45	<u>Postmortem Redistribution</u> William H. Anderson, PhD, F-ABFT; Forensic Toxicologist at NMS Labs
3:45-4:00	<u>Questions and Discussion</u>
5:45	NMS Labs Tour (Optional)

Thursday, April 2, 2020

8:00 AM	Light breakfast provided
8:15-9:30	<u>Geriatric and Pediatric Toxicology</u> Robert A. Middleberg, PhD, F-ABFT, D-ABCC(TC); Laboratory Director and Sr. VP of Quality Assurance and Laboratory Operations at NMS Labs
9:30-10:45	<u>Strategies for Postmortem Interpretation</u> Barry K. Logan, PhD, F-ABFT; Executive Director at the CFSRE Laura M. Labay, PhD, F-ABFT, D-ABCC(TC); Director of Toxicological Services at NMS Labs
10:45-11:00	Break
11:00-12:00	<u>Panel Discussion with Available Faculty</u>
12:00	<u>End of Program</u>
1:00-4:00	ABFT Exam (Pre-approval required)