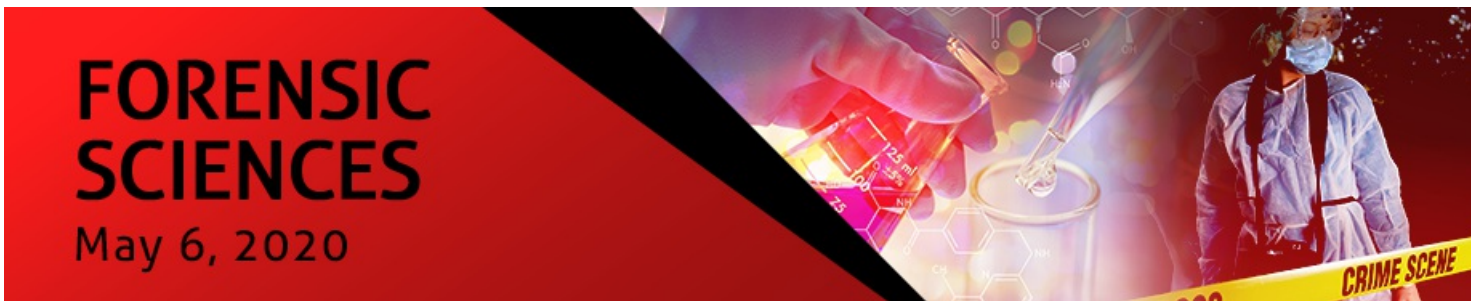


# FORENSIC SCIENCES

May 6, 2020



| Date  | Time             | Track   | Presentation Title  | Speaker   |
|-------|------------------|---|---|---|
| 6-May | 07:30 - 08:30 AM | Analytical Strategy and Application of Analytical Methods in Forensic Toxicology and Pharmacology | Keynote Presentation: Complexities of characterizing mineral particle toxicity at the pulmonary interface                   | Christopher P. Weis, PhD, DABT<br>Toxicology Liaison and Senior Advisor, Office of the Director, National Institutes of Health, NIEHS (National Institute of Environmental Health Science), National Toxicology Program |
| 6-May | 09:00 - 10:00 AM | Forensic Research from Evidence to Testimony  | Keynote Presentation: Pattern Evidence Reconstruction   | Henry C. Lee, PhD<br>Chia Professor, University of New Haven Chief Emeritus (ret.), Connecticut State Police Director, Research & Training Center   |
| 6-May | 12:00 - 12:05 AM | Advances and Challenges in Forensic Research  | Deciphering the Necrobiome and Postmortem Microbiomes for Use in Forensics  | M. Eric Benbow, PhD, AAFS-F<br>Associate Professor, Department of Entomology, Department of Osteopathic Medical Specialties, Ecology, Evolutionary Biology, and Behavior Program, Michigan State University             |
| 6-May | 12:00 - 12:05 AM | Advances and Challenges in Forensic Research  | Forensic Anthropology At La Línea: Advances In Computational Methods For The Identification Of The U.S.-México Border Dead. | Bridget F.B. Algee-Hewitt, PhD<br>Senior Research Scientist, Center for Comparative Studies in Race and Ethnicity, Stanford University  |
| 6-May | 12:00 - 12:05 AM | Advances and Challenges in Forensic Research  | I'm biased, and I know it! What can we learn from cognitive bias research in forensic science?                              | Niki Osborne, PhD<br>Research Scientist, Special Programs, National Institute of Standards and Technology (NIST), Expert Working Group on Human Factors in Forensic DNA Interpretation                                  |
| 6-May | 12:00 - 12:05 AM | Advances and Challenges in Forensic Research  | Microhaplotypes: the next generation DNA marker   | Daniele Podini<br>Associate Professor of Forensic Molecular Biology and Chair of the Department of Forensic Sciences, The George Washington University  |
| 6-May | 12:00 - 12:05 AM | Analytical Strategy and Application of Analytical Methods in Forensic Toxicology and Pharmacology | New Relevance of Hydroxychloroquine and Chloroquine in Forensic Toxicology  | Wendy R. Adams, PhD, F-ABFT<br>Assistant Lab Director, NMS Labs   |

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|-------|---------------------------|---|--|--|
| 6-May | 12:00<br>-<br>12:05<br>AM | Forensic Research: From Evidence to Testimony | Probabilistic genotyping and the power of modern DNA technology: A case study in overturning a wrongful conviction for murder in Texas | Angie Ambers, PhD<br>Assistant Director, Henry C. Lee Institute of Forensic Science, Associate Professor, Forensic Geneticist, Henry C. Lee College of Criminal Justice & Forensic Sciences, University of New Haven |
| 6-May | 12:00<br>-<br>12:05<br>AM | Advances and Challenges in Forensic Research  | The use of massively parallel sequencing in Forensic DNA typing - what will the future hold?   | Nicole M.M. Novroski, PhD<br>Assistant Professor & Forensic Geneticist, Forensic Science Program (Dept of Anthropology), University of Toronto Mississauga   |
| 6-May | 01:00<br>-<br>01:05<br>PM | Forensic Research: From Evidence to Testimony | Estimating the age of biological evidence recovered from a crime scene by assessing RNA degradation in the sample                      | Robert W. Allen, PhD<br>Professor of Forensic Science, School of Forensic Science, Oklahoma State University Center for Health Sciences  |