
2021 AFDAA SUMMER MEETING

JULY 28 & 29, 2021



Forensic Technology
CENTER OF EXCELLENCE



A program of the National Institute of Justice

Wednesday July 28, 2021 (All times are in the Central Time Zone)

- 9:00 AM** **National Institute of Justice: Updates and Resources**
Tracey Johnson, National Institute of Justice
- 9:15 AM** **Forensic Grant Funding Opportunities from the Bureau of Justice Assistance**
Andrea Borchart, Bureau of Justice Assistance
- 9:45 AM** **The Forensic Technology Center of Excellence: Multidisciplinary Support for Crime Laboratories and the Field of Forensic Science**
Patricia Melton, Center for Policing Research and Investigative Science at RTI International
- 10:00 AM** **Q&A Session**
- 10:15 AM** **The Phantom Menace: Mitogenome Analysis and Interpretation**
Charla Marshall, Armed Forces DNA Identification Laboratory
- 10:45 PM** **Development of Entire Mitogenome Reference Data Using an Automated High Throughput Sequencing Workflow**
Joe Ring, SNA International at the Armed Forces Medical Examiner System - Armed Forces DNA Identification Laboratory (AFMES-AFDIL)
- 11:15 AM** **Q&A Session**
- 11:30 AM** **Lunch Break**
- 12:30 PM** **TXDPS SAKI Area 3: Expansion of DNA Databases to Assist with Sexual Assault Investigations and Prosecutions**
Orlando Salinas, Texas Department of Public Safety
- 1:00 PM** **TXDPS SAKI Purpose Area 4: Investigation and Prosecution of Cold Case Sexual Assaults and Sexually Related Homicides**
Trampas Gooding, Texas Department of Public Safety
- 1:30 PM** **Texas CODIS Update**
Gary Molina, Texas Department of Public Safety Crime Laboratory
- 2:00 PM** **Sexual Assault Evidence (SAE) Tracking in Texas**
Rebecca Vieh, Texas Department of Public Safety Crime Laboratory

Wednesday July 28, 2021 (Continued)

- 2:15 PM** **Q&A Session**
- 2:30 PM** **Outcomes and Lessons Learned from Efforts to Swab Individuals Who Lawfully “Owe” DNA in Cuyahoga County, Ohio**
Rachel Lovell, Case Western Reserve University | Mary Weston, Cuyahoga County Prosecutor’s Office
- 3:15 PM** **What’s new at the Q?!**
Bryan Davis, Qiagen
- 3:45 PM** **Q&A Session**
- 4:15 PM** **Business Meeting**

Thursday July 29, 2021

- 9:00 AM** **Scientific Teamwork; The Story of Finding the Killer of Susan Lee Eads**
Amanda Balasko, Brandon Bess, & Tanya Dean, Texas Department of Public Safety
- 11:00 AM** **Extracting Better Outcomes from Forensic Samples: Making Your Life Easier with Next-Generation Sequencing**
Meredith Turnbough, Verogen, Inc.
- 11:45 AM** **Q&A Session**
- 12:00 PM** **Lunch Break**
- 1:00 PM** **Evaluation and Comparison of Rapid DNA Analysis and Direct PCR Amplification**
Cynthia Cale, Houston Forensic Science Center
- 2:00 PM** **Optimization of InnoXtract™ Extraction and Purification System for DNA Extraction from Skeletal Samples**
Jennifer Snedeker, Sam Houston State University
- 2:20 PM** **Evaluation of the ForenSeq MainstAY Kit with Challenging Samples**
Lucio Avellaneda, Sam Houston State University
- 2:45 PM** **Q&A Session**
- 3:00 PM** **Validation of the Applied Biosystems™ PrepFiler™ BTA and PrepFiler™ Automated Forensic DNA Extraction Kits on the ID NIMBUS® Presto System**
Patrick Sarsfield, Thermo Fisher
- 3:30 PM** **Exploration of a Direct Quantitation Method for Questioned Samples**
Thomas Hebert, Defense Forensic Science Center
- 3:50 PM** **Battlefield Forensics: Living and Working in a Deployed Environment**
Jennifer Duncan, US Army Defense Forensic Science Center
- 4:30 PM** **Q&A Session**
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