

Potomac Regional Symposium on Forensic DNA Analysis

Wednesday, April 24th

General Session – Marriott Conference Center in the Capital Ballroom, Salons 1-4

- 2:00pm Welcoming Remarks
Brad Jenkins, Forensic Biology Program Manager, Virginia Department of Forensic Science
- 2:05pm Genetic Genealogy for Law Enforcement
Janet Cady, PhD and Ellen Greytak, PhD, Parabon, NanoLabs
- 2:50pm TBD
Lisa Schiermeier-Wood, Forensic Biology Section Supervisor, Virginia Department of Forensic Science
- 3:35pm **Break**
- 3:45pm CPI Re-evaluations
Brad Jenkins, Forensic Biology Program Manager, Virginia Department of Forensic Science
- 4:15pm Update on Research Projects in Forensic Biology at VDFS or How I Spent My Summer Vacation
Susan Greenspoon, PhD, Forensic Molecular Biologist, Virginia Department of Forensic Science
- 5:00pm **End of Day**

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Thursday, April 25th

General Session – Marriott Conference Center in the Capital Ballroom, Salons 1-4

- 8:30am NIST PCR-Based DNA Profiling Standard (SRM 2391d): Where are we now?
Becky Steffen, MS, Research Biologist, NIST
- 9:15am Integration of a high resolution melt curve STR assay into a commercial quantification kit for preliminary mixture detection– getting more information earlier in the DNA workflow
Tracey Dawson Cruz, PhD, Department of Forensic Science, Virginia Commonwealth University
- 10:00am **Break**
- 10:15am Application of optical tweezers for cell separation of forensic evidence
Sarah Seashols Williams, PhD, Department of Forensic Science, Virginia Commonwealth University
- 11:00am Current Research Topics at the ATF
Todd Bille, DNA Technical Leader, Bureau of Alcohol, Tobacco, Firearms, and Explosives Laboratory
- 11:45am **Lunch**
- 1:00pm Rapid DNA Update
George C. Li, Rapid DNA Program Manager, CODIS Unit, FBI Laboratory
- 1:30pm Introducing the Applied Biosystems RapidHIT™ ID System, The answers you trust, Only faster
Megan Meyer, Senior Technical Sales Specialist, Thermo Fisher Scientific
- 2:15pm TBD
Jenni Grubb, DNA Data Bank Supervisor, Virginia Department of Forensic Science
- 2:45pm **Break**

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- 3:00pm CODIS Update
Lee Collins, CODIS Administrator, Virginia Department of Forensic Science
- 3:30pm Y-STR Statistics Using the Y-Chromosome Haplotype Reference Database
Cathryn Shannon, Forensic Scientist Senior, and Elizabeth Ballard, Principal Forensic Scientist, Virginia Department of Forensic Science
- 4:15pm Male DNA Screening of Sexual Assault Kits at the Michigan State Police
Lauren Lu, Biology Technical Leader, Michigan State Police
- 5:00pm **End of Day**

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Friday, April 26th

General Session – Marriott Conference Center in the Capital Ballroom, Salons 1-4

- 8:30am Easing into NGS: Internal Validation and Implementation Project
Stephanie Hickey, Forensic Scientist, DC Department of Forensic Sciences
- 9:15am SWGDAM Recommendations for Communicating Likelihood Ratios:
Reasoning & Empirical Basis
Tamyra R. Moretti, PhD, FBI
- 10:00am **Break**
- 10:15am Virginia's Sexual Assault Kit Testing Project
Kelly G. Carpenter, Sexual Assault Kit Initiative Project Manager and Chrissy M.R. Smith, Sexual Assault Kit Initiative Victim Advocate, Office of the Attorney General
Theresa Francis, Forensic Biology Group Supervisor, Virginia Department of Forensic Science
- 11:00am Overview of PERK Tracking System functions and integration with Forensic Advantage
Shayla Riggs, Physical Evidence Recovery Kit Tracking System Coordinator, Virginia Department of Forensic Science
- 11:20am Closing Remarks
Brad Jenkins, Forensic Biology Program Manager, Virginia Department of Forensic Science
- 11:30am Virginia Department of Forensic Science Staff Meeting
- 12:30pm End of Day