

Potomac Regional Symposium on Forensic DNA Analysis

Monday, October 7th

General Session – James River Ballroom

- 7:30 am **Registration**
Outside of the James River Ballroom
- 8:30 am Welcoming Remarks
Linda Jackson, Director, Virginia Department of Forensic Science
- 8:35 am Optimized Demineralization Method Using Bone Slices for Improved DNA Recovery and STR Profile Development
Ciara Rhodes, BS, Department of Forensic Science, Virginia Commonwealth University
- 9:00 am A Comparative Analysis of Swabbing Solutions for Sexual Assault Evidence: Direct Impact on Spermatozoa and DNA Recovery
Sarah Seashols-Williams, Ph.D., Associate Professor, Department of Forensic Science, Virginia Commonwealth University
- 9:45 am Developmental Validation Testing of the Integrated Quantifiler™ Trio-HRM Mixture Screening Assay
Tracey Dawson Green, Professor & Chair, Department of Forensic Science, Virginia Commonwealth University
- 10:30 am **Break**
- 10:45 am Enhanced Performance from a Prototype Eight-Dye, CODIS-Focused STR System
Anupama Gopalakrishnan, Ph.D., Sr. Global Product Manager, Promega
- 11:30 am LAPD Solutions for STRmix and CODIS
Brian Kim, LAPD Supervising Criminalist
- 12:15 pm **Lunch**
(12:15 pm – 1:45 pm)
- 1:45 pm A Software Package for Designing and Interpreting Forensic DNA Validation Studies
Sarah Riman, Research Associate, Applied Genetics Group, NIST

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- 2:15 pm Spectrum CE Testing at NIST
Lauren Mullen, Biologist, Applied Genetics Group, NIST
- 2:45 pm Utilizing Advanced DNA to Resolve Cases
Thomas Kohlbeck, Intelligence Analyst Supervisor, Unsolved Violent Crimes and Cold Cases, Virginia State Police
- 3:45 pm **Break**
- 4:00 pm Smith v. Arizona: We All Just Need to Calm Down
Amy C. Jenkins, Esquire, Department Counsel, Virginia Department of Forensic Science
- 4:45 pm **End of Day**

Potomac Regional Symposium on Forensic DNA Analysis

Tuesday, October 8th

General Session - James River Ballroom

- 7:00 am **Registration**
Outside of the James River Ballroom
- 8:00 am A Discussion of the Recommendations by the EWG on Human Factors in
Forensic DNA Interpretation
Jarrah Kennedy, Assistant DNA Supervisor, Kansas City Police Crime Laboratory
- 10:15 am **Break**
- 10:30 am Adapting and Learning: 5 Years of STRmix
Brian Kim, LAPD Supervising Criminalist
- 11:15 am Texas CODIS Familial Searches: The SAKI Grant, IGG, & Success Stories
*Blake A. Justice, M.S., Forensic Scientist - DNA, Texas Department of Public Safety,
Crime Lab Division - CODIS Crime Lab*
- 12:00 pm **Lunch**
(12:00 pm – 1:30 pm)
- 1:30 pm Implementing the Potential of Forensic Genetic Genealogy in Public
Laboratories: How the UNTCHI is Pioneering a Path Forward
*Nicole Novroski, Ph.D., Associate Professor, University of Toronto / UNT Center for
Human Identification*
- 2:15 pm How Flow Cytometry Can Help to Answer the ‘How’ and ‘When’ for Activity
Level Propositions
*Susan Greenspoon, Ph.D., Forensic Molecular Biologist, Virginia Department of Forensic
Science*
- 3:00 pm **Break**
- 3:15 pm Integration of Rapid DNA Technology into the Booking Environment
*Philip Simmers, CODIS Unit Manager / State CODIS Administrator, Louisiana State
Police Crime Laboratory*

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- 4:00 pm Discovering the Latest Technological Advances at Thermo Fisher Scientific
Jeremy Boone, Senior Field Application Scientist, Thermo Fisher Scientific
- 4:45 pm **End of Day**

Potomac Regional Symposium on Forensic DNA Analysis

Wednesday, October 9th

General Session - James River Ballroom

- 8:30 am Implementation and Advantages of Two New ANSI/ASB DNA Standards (123 and 175) with ASB/OSAC Standards and Best Practices Updates
Charlotte J. Word, Ph.D., Consultant, Richmond, VA
- 9:15 am Comprehensive PERK Legislation and the PERK Tracking System
Farryl Sorokin, PERK Tracking System Coordinator, Virginia Department of Forensic Science
- 10:00 am **Break**
- 10:15 am Implementing Rapid DNA at Virginia State Police
Kristen Dick, Field Application Scientist, ANDE
Special Agent Jonathan Johnson, Virginia State Police
- 11:00 am **Closing Remarks**
Brad Jenkins, Forensic Biology Program Manager, Virginia Department of Forensic Science
- 11:05 am Virginia Department of Forensic Science Staff Meeting
(DFS Staff Only)