

# Potomac Regional Symposium on Forensic DNA Analysis

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**Monday, October 2<sup>nd</sup>**

General Session – Potomac Ballroom Salons A&B

- 7:00am      **Registration**  
*Outside of the Potomac Ballroom*
- 8:00am      Welcoming Remarks  
*Brad Jenkins, Forensic Biology Program Manager, Virginia Department of Forensic Science*
- 8:05am      An Automated Differential Extraction solution for use on the Maxwell<sup>®</sup> System  
*Anupama Gopalakrishnan, Sr. Global Product Manager, Genetic Identity, Promega Corp.*
- 8:45am      New Solutions for the Forensic Workflow: Spectrum CE System and  
PowerPlex<sup>®</sup> 8C Systems  
*Ben Krenke, Sr. Global Product Manager, Genetic Identity, Promega Corp.*
- 9:30am      The Development of a Research Grade Test Material (RGTM): RGTM 10235 -  
Forensic DNA Resource Samples  
*Erica L. Romsos, Research Biologist, NIST*
- 10:15am     **Break**
- 10:30am     State of the Union: Where does body fluid testing stand today, and where is it  
going in the future?  
*Sarah Seashols-Williams, PhD, Associate Professor, Virginia Commonwealth University  
Department of Forensic Science*
- 11:15am     DNA Analysis of Fired Cartridge Cases  
*Todd Bille, DNA Technical Leader, Senior Scientist*
- 12:00pm     **Lunch**  
*(12:00pm - 1:30pm)*
- 1:30pm      Microbial and miRNA testing for body fluid classification in DNA extracts  
*Sarah Seashols-Williams, PhD, Associate Professor, Virginia Commonwealth University  
Department of Forensic Science*

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- 2:00pm      Thinking beyond DNA; using cellular morphology and fluorescence to estimate source tissue and time since deposition  
*Dr. Christopher Ehrhardt, Professor, Virginia Commonwealth University*
- 2:45pm      A Tale of Two PG Systems: A Comparison of the Two Most Widely Used Probabilistic Genotyping Systems  
*Susan Greenspoon, PhD, Virginia Department of Forensic Science*
- 3:30pm      **Break**
- 3:45pm      Optimization and Validation of a DNase-based Automated Differential Extraction Method on the Biomek<sup>®</sup> NXP Automation Workstation  
*William Eggleston, PhD, Virginia Department of Forensic Science*
- 4:30pm      Implementing a Rapid DNA Program as an Investigative Tool  
*Detective James Lopez, Fairfax County Police Department, Cyber & Forensic Bureau: Crime Scene Section*
- 5:15pm      **End of Day**

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**Tuesday, October 3<sup>rd</sup>**

General Session - Potomac Ballroom Salons A&B

- 7:00am      **Registration**  
*Outside of the Potomac Ballroom*
- 8:00am      New Product Offerings from Thermo Fisher Scientific  
*Jeremy Boone, Senior Field Application Scientist*
- 8:45am      Preparing for Motion Hearings  
*Graham Stolle, Special Assistant United States Attorney and Assistant Commonwealth's Attorney, City of Norfolk*
- 9:30am      Learning from Experience with Probabilistic Genotyping *Dauberts*  
*Michelle Burns, DNA Analyst - Advanced, Wisconsin DFS, State Crime Lab - Milwaukee*
- 10:15am     **Break**
- 10:30am     Microhaplotypes for mixture deconvolution  
*Professor Daniele Podini, The George Washington University*
- 11:15am     TBD  
*Lisa Schiermeier-Wood, Virginia Department of Forensic Science*
- 11:45pm     When it's not a "Whodunit": The case for activity level evaluation of DNA evidence  
*Tim Kalafut, Sam Houston State University*
- 12:30pm     **Lunch**  
*(12:30 pm – 2 pm)*
- 2:00pm      Forensic Investigative Genetic Genealogy (FIGG): Practical Guidance for Implementation and Workflow (Virtual)  
*Dr. Claire Glynn, Director, Forensic Genetic Genealogy Program, University of New Haven*

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**Tuesday, October 3<sup>rd</sup>**

General Session - Potomac Ballroom Salons A&B

- 2:45pm Appearance and Ancestry prediction from DNA (Virtual)  
*Susan Walsh, Associate Professor of Biology, Indiana University Indianapolis*
- 3:30pm **Break**
- 3:45pm Implementing Support for FIGG in the Public Crime Lab (Virtual)  
*Leigh A. Clark, MS, Deputy Director of Forensic Services, FDLE*
- 4:30pm STRmix Admissibility in Michigan  
*Brian Schloff, Research and Validation Unit Manager, Michigan State Police Forensic Science Division*
- 5:15pm **End of Day**

# Potomac Regional Symposium on Forensic DNA Analysis

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**Wednesday, October 4<sup>th</sup>**

General Session - Potomac Ballroom Salons A&B

- 8:00am Is it “Gig-lee-o,” “Gee-lee-o,” “Jig-lee-o,” or “Gigolo?”  
*Amy C. Jenkins, Esquire, Department Counsel, Virginia Department of Forensic Science*
- 8:45am TBD  
*State Police*
- 9:30am All Things Rapid DNA  
*Tiffany M. Thoren, CODIS Rapid DNA Program Manager*
- 10:15am **Break**
- 10:30am Investigative Genetic Genealogy in the Legal Field  
*S. Ashley Link, Chief Legal Counsel, Innovative Forensic Investigations*  
*Darrell Price, Law Enforcement Liaison & Investigations, Innovative Forensic Investigations*
- 11:15am Trace Evidence Reminders  
*Josh Kruger, Director Northern Laboratory, Virginia Department of Forensic Science*
- 12:00pm **Closing Remarks**  
*Brad Jenkins, Forensic Biology Program Manager, Virginia Department of Forensic Science*
- 12:05pm Virginia Department of Forensic Science Staff Meeting  
*(DFS Staff Only)*