

**17<sup>th</sup> Annual Forensic DNA Conference – Bode 2018**  
**April 3-6, 2018**

All workshops, meals and events listed in the program below are included in the registration fee.

**Tuesday, April 3**

**Workshops – Regency Ballroom (AB)**

7:00am – 4:00pm

**Registration – 2<sup>nd</sup> Floor Regency Ballroom Foyer**

8:00am – 10:00am

**Rapid DNA Workshop: Working with Law Enforcement to Implement and Validate a Rapid DNA Program**

A multi-disciplinary panel of speakers will discuss the overview of a rapid DNA program, validation and implementation of rapid DNA instruments, strategies for working with law enforcement and the impact of rapid DNA in investigations.

*Jennifer Contini, Assistant District Attorney, Orange County District Attorney's Office*

*Jody Hynds, Senior Forensic Scientist, Orange County District Attorney's Office*

*Erin Sweeney, Director of Operations, Bode Cellmark Forensics*

*Fred Harran, Director of Public Safety, Bensalem Township Police Department*

10:00am – 10:15am

**Refreshment Break**

*Sponsored by IntegenX and JusticeTrax*

10:15am – 12:15pm

**Thermo Fisher Scientific Workshop: From Evidence to Answers – Your Partner in Forensics**

**MythBusters – Review of Lessons Learned from Extraction to Data Analysis**

*Jill Muehling, Field Applications Scientist, Thermo Fisher Scientific*

**A Trio of Success – Casework Efficiency Improvements Using Quantifiler Trio**

*Kristen Naughton, Director of Validation and Training, Bode Cellmark Forensics*

**Troubleshooting from the Field Applications Specialist and Field Service Engineer Perspective: qPCR and the 3500**

*Tanya Garrett, Sr. Field Applications Scientist, Thermo Fisher Scientific*

*Jeff Helton, Technical Assistance Manager, Thermo Fisher Scientific*

**Gaining Workflow Efficiency Through Automation**

*Robert Ray, Global Automation Manager Thermo Fisher Scientific*

12:15pm – 1:00pm

**Lunch – Regency Ballroom (CDE)**

*for am & pm workshop participants*

*Sponsored by Thermo Fisher Scientific*

1:00pm – 5:00pm

## Promega Workshop

Please join us for an afternoon of presentations and discussions on the latest advancements in STR analysis and the forensics workflow, including the Spectrum CE System. The workshop will feature presentations by leaders in the forensics community.

*Amanda Hahn, Advanced DNA Analyst, WI State Crime Lab  
Tamyra Moretti, Supervisory Examiner – DNA Support Unit, FBI  
Emma Becker, Technical Leader, Columbus Police Department  
Crime Laboratory*

*Ross Capps, Laboratory Director, Johnson County*

*Kristine Crouch, CODIS Unit Supervisor, Indiana State Police*

3:10pm – 3:30pm

### Refreshment Break

*Sponsored by Promega*

5:30pm – 7:00pm

### Welcome Reception – Regency Ballroom Foyer

*Join us for hors d'oeuvres and drinks.*

*Sponsored by Bode Cellmark Forensics*

## Wednesday, April 4

## General Session - Regency Ballroom (AB)

7:15am – 8:15am

### Hot Breakfast Buffet – Regency Ballroom (CDE)

*Sponsored by QIAGEN*

7:15am – 12:00pm

### Registration – Registration – 2<sup>nd</sup> Floor Regency Ballroom Foyer

8:20am – 8:30am

### Welcome

*Andrew Singer, Director of Sales & Marketing, Bode Cellmark Forensics*

8:30am – 9:30am

### KEYNOTE SPEAKER:

**Kirk Bloodsworth:**

**The First Death Row Prisoner Exonerated By  
Post-Conviction DNA Testing**

9:30am – 10:00am

### DOJ Update on Forensic Initiatives

*Ted Hunt, Senior Advisor to the Attorney General on Forensic Science,  
Office of the Deputy Attorney General, United States Department of  
Justice*

10:00am – 10:30am

### Refreshment Break

*Sponsored by Thermo Fisher Scientific*

10:30am – 11:00am

### DNA Legislative Update

*Lisa Hurst, Senior Consultant, Gordon, Thomas, Honeywell*

11:00am – 11:30am

### The NIJ-FBI Sexual Assault Kit Partnership

*Jeannette Wentworth, Supervisory Biologist, FBI Laboratory*

11:30am – 12:00pm

### Rapid DNA for Identifications and Familial Relationships in Homeland Security

*Christopher Miles, Deputy Director, Standards Integration and  
Application, Capability Development Support Group/Office of  
Standards, Department of Homeland Security*

12:00pm – 1:00pm

### Buffet Lunch – Regency Ballroom (CDE)

*Sponsored by Promega*

1:00pm – 1:30pm

### Update from the NIST Applied Genetics Group

*Dr. Peter M. Vallone, Leader, Applied Genetics Group, NIST*

1:30pm – 2:00pm

### Kaizen: Examining the Efficiency of Property Crime DNA Evidence Submission

*Alyse Margetts, Forensic Scientist, Palm Beach Sheriff's Office*

2:00pm – 2:30pm	<b>Casework Direct Kit for Direct Amplification of Casework Samples and Y-Screening</b> <i>Jonelle Thompson, Validation Services Manager, Promega</i>
2:30pm – 3:00pm	<b>Refreshment Break</b> <i>Sponsored by SoftGenetics</i>
3:00pm – 3:30pm	<b>Testimony and Legal Challenges</b> <i>Amy Watroba, Assistant State's Attorney, Forensic Science Unit, Cook County State's Attorney's Office</i>
3:30pm – 4:00pm	<b>Property Crime Scenes: From Evidence to Answers. Stopping Gateway Criminals in their Tracks</b> <i>Joe Blozis, NYPD Detective Sergeant, Retired</i>
4:00pm – 4:30pm	<b>Flint Town: Cold Case CSC in a Murder Town</b> <i>Jennifer Janetsky, Trial Specialist, Genesee County Prosecutor's Office</i>
5:30pm – 8:30pm	<b>Group Event: <a href="#">HQ BEERCADE</a></b> <b><a href="#">(drinks/dinner/entertainment/transportation arranged)</a></b> <b>Buses depart hotel from 5:00pm - 5:15pm</b> <i>Transportation Sponsored by Aurora Biomed</i>
<b>Thursday, April 5</b>	<b>General Session - <a href="#">Regency Ballroom (AB)</a></b>
7:15am – 8:15am	<b>Hot Breakfast Buffet – <a href="#">Regency Ballroom (CDE)</a></b> <i>Sponsored by STACS DNA</i>
8:20am – 8:30am	<b>Opening Remarks</b> <i>Andrew Singer, Director of Sales &amp; Marketing, Bode Cellmark Forensics</i>
8:30am – 9:00am	<b>Strengthening the Relationship Between the Lab and Detectives</b> <i>Jennifer Breaux, Forensic Biology Technical Leader, Montgomery County Police Department</i> <i>Jordan Satinsky, Lieutenant, Special Investigations Division, Montgomery County Police Department</i>
9:00am – 9:30am	<b>Microhaplotypes for Mixture Deconvolution and Ancestry Prediction</b> <i>Daniele Podini, Associate Professor, Department of Forensic Sciences, The George Washington University</i>
9:30am – 10:00am	<b>The Top 5 Reasons Why DNA Analysts Love STACS-CW</b> <i>Tim Stacy, Director, Sales, STACS DNA</i>
10:00am – 10:30am	<b>Refreshment Break</b> <i>Sponsored by QIAGEN</i>
10:30am – 11:00am	<b>Novel Solutions: Detection of Male DNA in Sexual Assault Screening and Body Fluid Identification in Forensic DNA Samples</b> <i>Mary Jones Dukes, M.S., DNA Technical Lead- North America, Sr. Sales Development- Southeast, QIAGEN</i>
11:00am – 11:30am	<b>Implementation of a Probabilistic Genotyping Tool</b> <i>Tiffany L. Vasquez, Criminalist IV / Assistant Technical Leader, New York City Office of the Chief Medical Examiner</i>
11:30am – 12:00pm	<b>Test All SAKs - But Don't Forget About Burglaries</b> <i>Leigh A. Clark, MS, Biology/DNA Technical Leader, Forensic Services Crime Lab Analyst Supervisor, Florida Department of Law Enforcement</i>

12:00pm – 1:00pm

**Buffet Lunch – Regency Ballroom (CDE)**

*Sponsored by SoftGenetics*

1:00pm – 1:30pm

**New Technologies in Forensic DNA Analysis: Validation of MaSTR™, STR Probabilistic Mixture Analysis Software and GeneMarker®HTS software for High Throughput Sequence Analysis of mtDNA, SNPs, STRs, and Y-STRs**

*Teresa Snyder-Leiby, PhD, Product Manager, SoftGenetics*

1:30pm – 2:00pm

**Gun Crime Initiatives**

*Roxanne Kotzebue, Criminalist, San Diego Police Department*

2:00pm – 2:30pm

**Law Enforcement Buy-In: “Doing More with DNA”**

*Fred Harran, Director of Public Safety, Bensalem Township Police Department*

2:30pm – 3:00pm

**Refreshment Break**

*Sponsored by STACS DNA*

3:00pm – 4:30pm

**Technical Leaders Panel**

Technical Leaders from across the country participate in a moderated panel session discussing the most pertinent topics impacting forensic labs today. Everyone is welcome.

**Moderator:**

*Stephanie Sivak, Technical Leader, Bode Cellmark Forensics*

**Panelists:**

*Leigh A. Clark, MS, Biology/DNA Technical Leader, Forensic Services, Crime Laboratory Analyst Supervisor, Florida Department of Law Enforcement*

*Kelly McGill Carroll, DNA Technical Leader, Johnson County Sheriff's Office Criminalistics Laboratory*

*Tiffany L. Vasquez, Criminalist IV / Assistant Technical Leader, New York City Office of the Chief Medical Examiner*

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**Friday, April 6**

**Workshop – Regency Ballroom (AB)**

7:00am – 8:00am

**Continental Breakfast – Regency Ballroom Foyer**

*for workshop participants*

*Sponsored by Porter Lee and Hamilton Robotics*

8:00am – 12:30pm

**Moving from CPI to Probabilistic Genotyping for DNA Mixture Interpretation Workshop**

The interpretation of complex mixtures has gained a new focus by the forensic DNA community over the past few years. Many of the issues associated with these challenges involve the use of the Combined Probability of Inclusion or Exclusion (CPI/CPE) on complex mixtures where allele drop-out is reasonable. A way forward would be to incorporate a probabilistic approach to the interpretation of mixture data. This workshop is targeted for laboratories considering or implementing a move to a probabilistic genotyping system for mixture interpretation.

10:00am – 10:15am

**Refreshment Break**

*Sponsored by Verogen and ANDE*

**The workshop will include:**

- **A brief review of probability**
- **An introduction of the Likelihood Ratio (LR)**
- **A comparison of the limits of CPI, the modified RMP, and the binary LR**
- **An overview of probabilistic genotyping**

*Mike Coble, PhD, Associate Director/Professor, Center for Human Identification, University of North Texas Health Science Center*

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