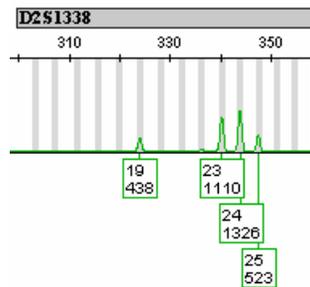


DNA MIXTURE INTERPRETATION WEBCAST



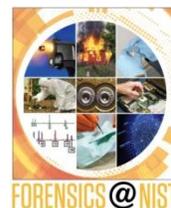
National Institute of Standards and Technology
April 12, 2013

<http://www.nist.gov/oles/forensics/dna-analyst-training-on-mixture-interpretation.cfm>

Presenters

John M. Butler, PhD	National Institute of Standards and Technology
Michael D. Coble, PhD	NIST, Applied Genetics Group
Robin W. Cotton, PhD	Boston University, Biomedical Forensic Sciences
Bruce J. Heidebrecht, MS	Maryland State Police, Forensic Sciences Division
Charlotte J. Word, PhD	Consultant

Organized by John Paul Jones II,
NIST Law Enforcement Standards Office
Part of the Forensics@NIST Series



Points of view are those of the presenters and do not necessarily represent the official position or policies of the US Department of Justice or the National Institute of Standards and Technology. Certain commercial equipment, instruments and materials are identified in order to specify experimental procedures as completely as possible. In no case does such identification imply a recommendation or endorsement by the National Institute of Standards and Technology nor does it imply that any of the materials, instruments or equipment identified are necessarily the best available for the purpose.

Updated: March 11, 2013 (Presentations Subject to Change)

NIST Webcast - April 12, 2013 - DRAFT AGENDA

Times (approximate)	Topic	Presenter
<u>Introduction and Need</u>		
8:30 - 8:35 a.m.	Welcome	John Paul Jones II
8:35 - 9:00 a.m.	History - why there is a need for improvement and training	Robin Cotton
<u>Fundamental Principles of Interpretation and Statistics</u>		
9:00 - 9:45 a.m.	Introduction to Interpretation Issues (thresholds)	John Butler
9:45 - 10:30 a.m.	Statistical Approaches	Mike Coble
10:30 - 10:45 a.m.	BREAK	
<u>Worked Example and Report Wording</u>		
10:45 a.m. - 11:45 a.m.	Worked Examples & Report Wording	Bruce Heidebrecht
11:45 a.m. - 12:15 p.m.	Different Assumptions & Different Interpretations	Charlotte Word
12:15 - 1:00 p.m.	LUNCH	
<u>Complex Mixtures, Software, and SOPs</u>		
1:00 - 2:00 p.m.	Complex mixtures (3 & 4 person, relatives)	Charlotte Word
2:00 - 2:45 p.m.	Probabilistic Genotyping	Mike Coble
2:45 - 3:15 p.m.	Updating SOPs and improving the lab process	Bruce Heidebrecht
3:15 - 3:30 p.m.	BREAK	
<u>Low Level DNA Mixtures and Validation</u>		
3:30 - 4:00 p.m.	Low level DNA mixture example: limitations of CPI Validation - designing experiments and using the data	John Butler
<u>Court Testimony</u>		
4:00 - 5:00 p.m.	Court and Expert Witness Testimony	Robin Cotton Charlotte Word
<u>Perspectives on the Future</u>		
5:00 - 5:30 p.m.	What We Have Learned and Recent Literature	John Butler

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