

Outline for Today's Training

- · Introductions
- · Data Interpretation and Statistical Analysis (John)

RREAK

· Mixture Interpretation (Mike)

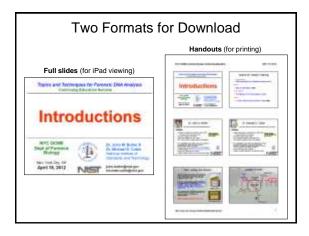
LUNCH BREAK

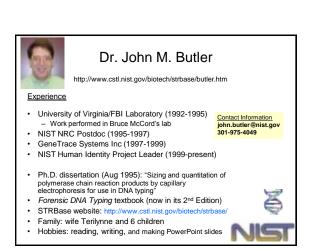
• STR Markers & CE Instrumentation (John)

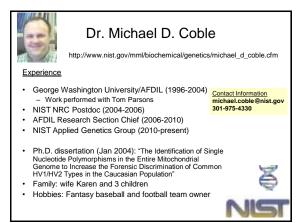
BREAK

Y-STRs, mtDNA, and the Romanov Case (Mike)

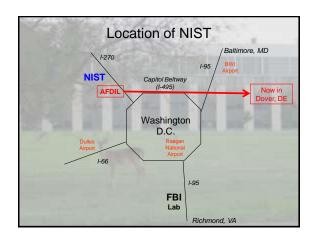


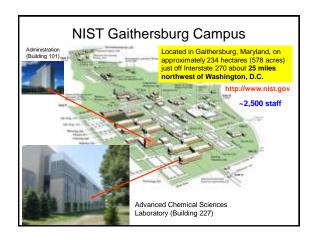


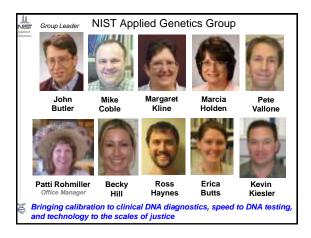


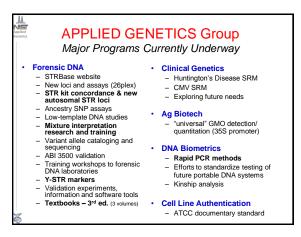


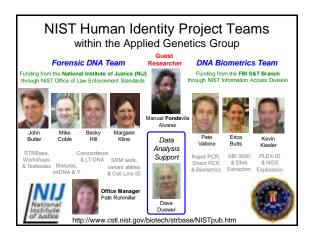


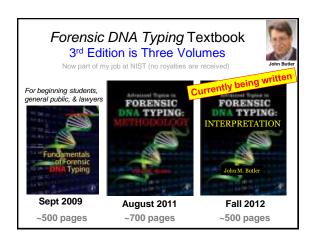














database issues (Ch. 8), disaster victim identification (Ch. 9), miniSTRs (Ch. 10), LTDNA (Ch. 11), SNPs (Ch. 12), Y-STRs (Ch. 13), mtDNA (Ch. 14), non-human DNA (Ch. 16), and new

- technology (Ch. 17)

 Coverage of all the new STR kits (Ch. 5)
- · Listing of all known STR alleles for all 23 kit loci (App. 1)
- Most detail to-date on the Grim Sleeper case (D.N.A. Box 8.5)

Clickers (Audience Response Systems)

- · Allow real-time audience participation
- Responses are tied to your clicker but no connection is made between the clicker and you – so <u>please provide your honest opinion</u> knowing that you can respond anonymously



Polling test for clickers: Have you participated in a presentation where clicker responses were gathered?

- 1. Yes
- 2. No

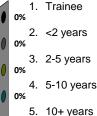


What is your role in the laboratory?

- 1. DNA analyst
- 2. DNA technician
- 3. Database analyst
- DNA technical leader
- 5. QA Manager
- 6. Attorney
- 7. Other



Your Experience Level as a DNA Analyst



6

6. I am not an analyst

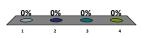
What laboratory are you from?

- 1. NYC OCME
- 2. NYSP Albany
- 3. Westchester Co.
- 4. Nassau County
- 5. Suffolk County
- 6. Monroe County
- 7. Onondaga County
- 8. New Jersey SP



What topic are you most interested in today? (select only one)

- Interpretation & statistics overview
- Mixture interpretation
- 3. STRs & CE
- Y-STRs, mtDNA, and the Romanovs



How is the NIST Applied Genetics Group most helpful to you in your work?

- 1. STRBase information
- 2. Training workshops
- 3. SRMs
- Research papers & presentations
- More than one of the above choices
- 6. None of the above



Contributors to These Workshop Slides











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NIST and NIJ Disclaimer

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Now on with the workshop... Our team publications and presentations are available at: http://www.cstl.nist.gov/biotech/strbase/NISTpub.htm Funding from the National Institute of Justice (NL) through NIST Office of Law Enforcement Standards john.butler@nist.gov 301-975-4049 michael.coble@nist.gov 301-975-4330