





- Biomedical Forensic Science Program at Boston University School of Medicine
- Supporting registration for 175 participants from state and local laboratories



- Another similar workshop in one year
- Development of a web site for training in STR DNA profile mixture analysis
 - Lessons on specific topics related to mixtures
 - DNA profiles with 1, 2, 3, and 4 person mixtures
 - PowerPlex 16 HS
 - Identifiler
 - YfilerMinifiler
- Over 2000 profiles in total
- Web site training material will be available for open use and .fsa files available for download



ISHI 2010 Mixture Workshop Registrant Summary

- 200 participants (~170 funded thru NIJ Grant to BU)
- 25 State Labs + Puerto Rico
 - AL, AK, AZ, CA, CO, FL, IL, IN, KS, LA, MN, MO, NC, ND, NE, NV, NY, OH, OR, MI, MS, MT, SC, UT, and TX
- 39 Local Labs
- 4 Federal Labs (FBI, ATF, USACIL, NIST) + NIJ
- 4 universities (Marshall, UNT, GWU, Strathclyde)
- 16 companies or private laboratories
- 11 countries
 - USA, Canada, UK, Finland, Russia, Singapore, Argentina, France, Jamaica, Korea, Japan
- A few brave attorneys!





- Finally accepted for real employment at NIST

Charlotte J. Word, &h.D. Consulting Consulting Consulting Consulting Charlotte Word Ph.D. in Microbiology, University of Virginia 20 years casework and technical review experience for both public and private laboratories More than 200 court testimonies in admissibility hearings and trials Currently a private consultant in the Washington DC area

- Loves doing Technical Review - Crazy!

Presenters

BOSTON

Robin Cotton

- Ph.D. Molecular Biology and Biochemistry, University of California at Irvine
- 18 years casework and testimony experience
- Boston University School of Medicine since 2006
- Program Director, Biomedical Forensic Sciences

• Catherine Grgicak

- M.S. Forensic Science, University of Alabama
- 3 years experience as DNA Analyst
- Ph.D. Chemistry, University of Ottawa
- Boston University School of Medicine since 2007
- Electrochemist on the side

When answering questions:

- Answer based on what you think.
- Your response does not need to be consistent with your lab protocol or your role in the lab.

Each Section of the Workshop Covers:

- Principles: Theory and concepts
- Protocols
 - Approaches to validation
 - Information in literature
 - Basing protocols on the data
- Practice:
 - Using and understanding the limitation of protocols.
- Each presentation will contain question...
 for consideration and participation

