

How It's Made: NIST forensic DNA reference materials

8:00am – 12:00pm EST | November 14, 2022

Hosts: Pete Vallone, Erica Romsos, Becky Steffan

Description:

The workshop topics focus on NIST forensic DNA reference materials. Current and historical forensic DNA reference materials will be used to illustrate their role in: establishing traceability, harmonizing data exchange, commercial development of testing kits, and supporting quality systems. The material procurement, physical characterization, and informed consent aspects of reference material development will be addressed. Examples of how materials are used will be presented by practitioners.

Agenda:

Speaker	Title
Peter Vallone (NIST - Applied Genetics Group)	Introduction
Steve Choquette (NIST - Office of Reference Materials)	NIST Office of Reference Materials
Peter Vallone (NIST - Applied Genetics Group)	History of Forensic SRMs
Becky Steffen (NIST - Applied Genetics Group)	2391d: How It's Made
Erica Romsos (NIST - Applied Genetics Group)	2372a: How It's Made
Break	
Anne Andrews (NIST - Research Protections Office)	Considerations for Human Materials
Erica Romsos (NIST - Applied Genetics Group)	Procurement of Candidate Materials
J. Camara/B. Steffen (NIST - Chemical Sciences Division)	Traceability of Reference Materials
Danielle Daniels (FBI - Laboratory)	Use Case of SRM 2372a
Naomi LoBosco (Montgomery County Crime Lab)	Use Case of SRM 2391d
Becky Steffen (NIST - Applied Genetics Group)	The Future: Developing Exploratory Materials