



NIST SPECIAL PROGRAMS OFFICE

S. Shyam Sunder, Acting Director
1:10 p.m. – 1:20 p.m.

Partnering with **Researchers**

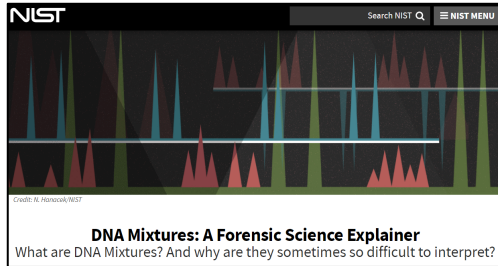
NIST Center of Excellence



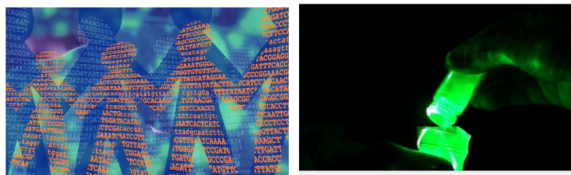
Iowa State • CMU • UC Berkeley • UVA • UC Irvine • WVU • Duke

Communicating with Forensic Science Community

Explaining Complex Issues



Disseminating News Stories



NIST Builds Statistical Foundation for Next-Generation Forensic DNA Profiling

A Safer Way for Police to Test Drug Evidence

NIST FORENSIC SCIENCE

RESEARCH. STANDARDS. FOUNDATIONS.

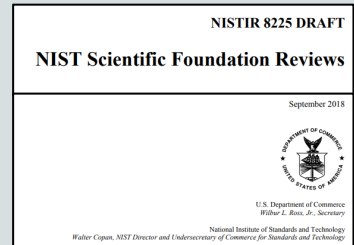
Conducting Impactful, Focused Research

- Biometrics
- DNA
- Digital
- Statistics
- Drugs & Toxins
- Firearms & Toolmarks
- Trace Evidence

Facilitating Standards Development and Use to Strengthen Forensic Science



Identifying, Documenting, and Assessing Foundational Knowledge in Forensic Methods and Practices



DNA Mixture Interpretation
Bitemark Analysis
Digital Evidence
Firearms Examination

Partnering with Practitioners to Facilitate Best Practice Use

Evidence Management



Human Factors



HUMAN FACTORS in Forensic DNA Interpretation

Fingerprints • Handwriting • DNA Analysis • Firearms

Process Maps



Fingerprints • Handwriting • DNA Analysis • Firearms

Visualization • Terminology • Standards • Database • Training • Scenario Analysis

OSAC'S ORIGIN & TIMELINE

National Academy of Sciences (NAS) Report published: February 18, 2009

NIST announces creation of OSAC at NCFS: February 4, 2014

NIST announces OSAC 2.0: October 1, 2020

DOJ and NIST sign MOU to strengthen the nation's use of forensic science by creating the National Commission on Forensic Science (NCFS) & Guidance Groups (*later called OSAC*): February 2013

NIST held first OSAC Subcommittee Meetings: January 2015

