



csafe

Center for Statistics and
Applications in Forensic Evidence

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Principal Investigators

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Program Coordinator:

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Organization

- CSAFE is an umbrella organization that includes:
 - The NIST Center of Excellence in Forensic Science
 - The Midwest Forensic Resource Center (MFRC)
- The NIST Center of Excellence is the major partner in CSAFE.

Mission of CSAFE

We have a three-fold mission:

- To carry out research in the statistical and probabilistic foundations of pattern evidence and digital evidence
- To engage the community of forensic practitioners
- To develop training in statistics and probability for practitioners, the legal profession and other stake holders

Focus Areas

Human
Factors

Statistical
Foundations

- Handwriting
- Firearms & Toolmarks
- Shoeprints & Treadmarks
- Fingerprints
- Digital Forensics
- Blood Pattern Analysis

Training
&
Education

Partnership with NIST

- The NIST Center of Excellence is a close partner of NIST.
- Scientists in CSAFE work with NIST collaborators to carry out its mission.
- Partnership includes:
 - Research collaboration
 - Visits from CSAFE to NIST and vice versa
 - Shared on-line resources for practitioners and other researchers.



Collaboration

- Medical Professionals
- Lawyers
- Judges
- Universities
- International Partners
- Forensic Practitioners
- Subject Matter Experts
- Law Enforcement

Recent collaborations

- Sensofar: Development of imaging algorithm for bullets, breech face and pin impressions to facilitate forensic analyses.
- American Bar Association (ABA): Statistics instruction for judges.
- Ames Laboratory: Data collection in different areas.
- DOJ: Forensic science disciplines review.
- DFSC: Review of new approaches for latent fingerprint analyses.
- Palm Beach (FL) and Tri-County Regional (MN) laboratories: Statistics primer for forensic providers.

Invitation to join us!

- We provide a venue where scientists in different disciplines, as well as practitioners, can address important forensic problems.
- Short or long visits to any of the partner institutions can be arranged.
- Summer internships for undergraduate and graduate students, as well as post-doctoral positions are available.
- For information, please contact:

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Or visit www.forensicstats.org

