The Link Between The Battlefields & Borders

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NIST/OLES
DNA FUNDING - THE REPORT....
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NAS REPORT RECOMMENDATIONS

- #1: Establishing the National Institute of Forensic Science (NIFS)
  - Congress should establish and appropriate funds for an independent federal entity to oversee all forensic science activities.

- #2: Establish standard terminology to be used in reporting on and testifying about the results of forensic science investigations. Utilize model laboratory reports.
#3: Fund peer reviewed research
- Demonstrate the validity of methods
- Establish the limits of reliability and accuracy that methods can expect to achieve
- Quantifiable measures of uncertainty in conclusions
- Automated techniques

#4: Remove all public forensic laboratories and facilities from the administrative control of law enforcement agencies or prosecutor’s offices.
NAS REPORT RECOMMENDATIONS

- #5: Research on human observer bias and sources of human error
- #6: Develop tools for advancing measurement, validation, reliability, information sharing, and proficiency testing
  - Standards should reflect best practices and serve as accreditation tools.
- #7: Mandatory:
  - Laboratory accreditation
  - Certification of all forensic science professionals
#8: Establish QA/QC procedures for all forensic laboratories.

#9: Establish a national code of ethics and mechanisms for enforcement.

#10: Improve and develop graduate education programs to include law schools

#11: Improve medicolegal death investigation
#12: Achieve nationwide fingerprint data interoperability.
- Standards for representing and communicating image and minutiae data
- Baseline standards to be used with computer algorithms

#13: Establish a network to manage and analyze evidence from events that affect homeland security.
1. Certification, Accreditation and Licensing
2. Education and Ethics
3. Research, Development, Evaluation and Testing
5. Outreach
**Actions:**

- What should be standardized?
  - Specific techniques?
  - Reporting criteria?
  - Language used in reports?
  - Discovery information?
  - Evidence management?
**ACTIONS:**

- Inventory Existing
  - Standards
  - Research
  - Training
  - Education
  - Accreditation
  - Certification

- Conduct a gap analysis
THROUGH LEADERSHIP
SET HIGH ETHICAL
STANDARDS

Thank you
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