

CLM June 20 2016

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Colleagues,

This week I'd like to provide you an update on the Justice for All Reauthorization Act courtesy of our Advocacy chair and the chair of the CFSO, Matthew Gamette. Thank you, Matthew, for all that you do for us!

From Matthew:

"Following a two-year effort in the United States Senate, the Justice For All Reauthorization Act (JFAA) of 2016 was unanimously passed in the Senate today." The Consortium of Forensic Science Organizations has been in constant dialog with the Senate over this bill for many years and is pleased to announce that the bill includes numerous sections in support of forensic practitioners. This legislation is an authorizing bill, which provides legal power for programs to exist and operate. Funding will still need to be appropriated during the appropriations process, but the levels in our key federal grant programs are raised. The highlights of this legislation specifically for forensic science (crime laboratories and medical examiners offices) are:

Re-authorizes the Sexual Assault Kit Backlog programs ensuring that:

- o 75% of funds provided for grants must be used for "direct testing activities"
- o Not less 5% shall be provided for grants for law enforcement agencies to conduct audits of their previously unsubmitted kits

Provides grant funding for expansion and operation of Sexual Assault Nurse Examiner programs in rural areas and to sustain or establish training programs

Authorizes \$5m for DNA Research and Development for FY2017 to FY2021

Authorizes \$10m for FBI DNA Programs for FY 2017 to FY2021

Re-authorizes the Paul Coverdell Forensic Science Improvement Grants:

- Provides funding for accreditation of laboratories and medical examiner offices
- Increases amount of formula grant to 85% from 75%
- Decreases discretionary funds from 25% to 15%
- Increases minimum amount a grantee receives from 0.6% to 1%
- Adds language for purpose areas to allow funds to be used for impression evidence, digital evidence and medicolegal death investigators
- Adds language that funds can be used to "address emerging forensic science issues (such as statistics, contextual bias, and uncertainty of measurement) and emerging forensic science technology (such as high throughput automation, statistical software, and new types of instrumentation)".
- Adds language to allow funds to be used to educate and train forensic pathologists
- Adds language for DOJ to work with states and local government to direct funding to medicolegal death investigation systems to facilitate accreditation of medical examiner and coroner offices and certification of medicolegal death investigators

- Increases Coverdell authorization to \$25m for FY 2017 to 2021
- Mandates a needs assessment of forensic laboratories not later than October 2018 to include

An assessment of current workload, backlog, personnel, equipment

- An assessment of current workload, backlog, personnel, equipment
- A review of all previous studies to include NAS, BJS and others

Reauthorizes Post Conviction DNA Testing funds

Reauthorizes Kirk Bloodworth Post Conviction DNA Program for \$10m

Establishes best practices for evidence retention and requires that they are published one year after passage of bill in consultation with Federal, state and local law enforcement and laboratories

Requires audits of recipients of grants

This legislation will now move quickly to the House for a vote, and then to the President for a signature.

CFISO thanks Senators Cornyn and Leahy for their leadership on this bill and Chairman Grassley for his efforts to ensure the passage. We also thank the numerous CFISO members that wrote letters, made phone calls, hosted tours, and visited personally with the Senators and their staff members to ensure that the needs of the forensic science community were addressed in this bill.

Links to the Senator announcements on this action are listed below:

<https://www.cornyn.senate.gov/content/cornyn-leahy-bill-help-reduce-rape-kit-backlog-strengthen-crime-victim-rights-passes-senate>

<https://www.leahy.senate.gov/press/senate-passes-leahy-authored-bill-to-improve-criminal-justice-system>”

Have a great week!

-Jeremy Triplett

Jeremy S. Triplett, M.S., F-ABC | Laboratory Supervisor

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E: jeremy.triplett@ky.gov

www.kentuckystatepolice.org

CRIME LAB MINUTE SURVEY

As we review the information and design of the Crime Lab Minute, we are seeking input from the members to ensure that we are providing current and relevant information to members weekly. Suggestions are encouraged. Thank you in advance for your participation.

<https://www.surveymonkey.com/r/7ZK92DN>

- Communications Committee



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visiting us online.**

ascld-lab.org

ASCLD/LAB is a not-for-profit corporation specializing in the accreditation of public and private forensic laboratories. Since 1982, we have been committed to the ongoing accreditation, support, education and oversight of forensic organizations striving for excellence in forensic analysis. Visit our website to learn more about our accreditation programs, the assessment process and training opportunities.

Research Reports

NIJ Forensic Science R&D Reports for ASCLD Crime Lab Minute Vol 4

These research reports have been submitted by the National Institute of Justice (NIJ) especially for their relevance to crime laboratory activities. ASCLD has not reviewed nor does it necessarily endorse the findings of this research.

[White House Announces National Microbiome Initiative](#)

The White House Office of Science and Technology Policy, in collaboration with federal agencies and private-sector stakeholders, is announcing the National Microbiome Initiative (NMI). The NMI aims to advance understanding of microbiomes in order to aid in the development of useful applications in areas such as health care, food production, and environmental restoration. The National Institute of Justice invested \$3.2 million in FY 2015 in microbiome related research, including work on the necrobiome as an indicator of time-since-death in the investigation of human remains, the soil microbiome for analysis of trace soil evidence, and the trace microbiome as an orthogonal method to human DNA analysis for associating people with evidence and environments.

[The Reliability of Pattern Classification in Bloodstain Pattern Analysis, Part 1: Bloodstain Patterns on Rigid Non-absorbent Surfaces](#)

NIJ-supported researchers from the Minnesota Department of Public Safety recently published an article in the Journal of Forensic Sciences. Abstract retrieved 5/16/2016:



[ANSI-ASQ National Accreditation Board \(ANAB\)](#) ANAB provides accreditation for ISO/IEC 17025 forensic test laboratories and ISO/IEC 17020 forensic inspection agencies and a wide variety of training, workshops, and academic programs.

ISO/IEC 17020 and Audit Preparation for Forensic Police Agencies
[September 15-16, 2016, Alexandria, VA](#)
Cost: ASQ member \$600, non-ASQ member \$650

ISO/IEC 17025 and Audit Preparation for Forensic Test Agencies
[September 12-14, 2016, Alexandria, VA](#)
Cost: ASQ member \$750, non-ASQ member \$800

[ASCLD-LAB Training](#)

Training classes to help forensic laboratory personnel understand the requirements of ISO/IEC 17025

The study was designed to produce the first baseline measure of reliability in bloodstain pattern classification. A panel of experienced bloodstain pattern analysts examined over 400 spatter patterns on three rigid, non-absorbent surfaces. The patterns varied in spatter type and extent. A case summary accompanied each pattern that either contained neutral information, information to suggest the correct pattern (i.e., was positively biasing), or information to suggest an incorrect pattern (i.e., was negatively biasing). Across the variables under examination, 13 percent of classifications were erroneous. Generally speaking, where the pattern was more difficult to recognize (e.g., limited staining extent or a patterned substrate), analysts became more conservative in their judgment, opting to be inconclusive. Incorrect classifications increased as a function of the negatively biasing contextual information.

Decomposition Rates Between Humans, Pigs May Vary Wildly

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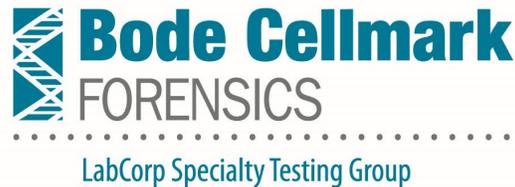
Applying Lean Design to Crime Laboratories

Over the past decade, several tools have been developed to increase organizational efficiency and reduce backlogs in laboratories, including process mapping and Lean Sigma Six. More recently, a variation of Lean Sigma Six — Lean Design — has been applied successfully to the planning and construction of health care research and development and quality management laboratories. A report from NIJ's Forensic Technology Center of Excellence, [Development of a Lean Facility Design Roadmap for Design-Bid-Build Forensic Facilities](#), presents a crime laboratory design model that incorporates Lean

General Requirements for the Competency of Testing and Calibration Laboratories.

[ASCLD/LAB-International Assessor Training Course for Testing Laboratories](#)
[ASCLD/LAB-International Assessor Training Course for Breath Alcohol Calibration](#)
[ASCLD/LAB-International Internal Auditor Training Course](#)
[ASCLD/LAB-International Preparation Course for Testing Laboratories](#)
[ASCLD/LAB-International Preparation Course for Calibration Laboratories](#)

[American Association for Laboratory Accreditation \(A2LA\)](#)
 A2LA's Training Program



[Bode Cellmark Forensics](#) provides advanced forensic solutions offering crime labs ways to reduce their workloads and budgets.

Bode's newest offerings include:

[Sexual Assault Kit Backlog Reduction Program](#) streamlines processes to eliminate backlogs of untested sexual assault kits.

[Bode Buccal 2™](#) is uniquely designed to improve DNA databanking collecting and automate processing. The Bode Buccal 2 is a DIRECT COLLECTION SYSTEM that requires minimal training. There is NO Transfer Step Required.

[Independent Validation Services](#) are customized to meet your laboratory's needs. Validation services provide completely unbiased analysis on your equipment, chemistries, or process.

Employment Opportunities

[Physical Scientist](#), US Secret Service, Washington, DC, Expires: June 29, 2016

[Forensic Biology Analyst \(2 positions\)](#), Indian River Crime Laboratory, Fort Pierce, FL, Expires: July 31, 2016

[Evidence Specialist](#), Hennepin County Sheriff's Office Crime Laboratory, Minneapolis, MN., Expires: June 27, 2016

[Forensic Examiner I or II](#), City of Rapid City – Rapid City Police Department, Rapid City SD, Expires: July 1, 2016

[DNA Technical Lead](#), Alameda County, Oakland, CA, Expires: June 23, 2016

[Forensic Scientist – Toxicology ISP Forensic Scientist 1](#), Idaho State Police, Pocatello, Idaho, Expires: June 21, 2016

Design thinking in to the planning and construction of forensic facilities. The report includes a comprehensive set of checklists and guidelines to integrate Lean concepts and principles into the traditional approaches described in the National Institute of Standards and Technology's updated [Forensic Science Laboratories: Handbook for Facility Planning, Design, Construction and Relocation](#).

[Sexual Assault Kits in Houston, TX: Case Characteristics, Forensic Testing Results, and the Investigation of CODIS Hits](#)

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[Characterization of Designer Drugs: Chemical Stability, Exposure, and Metabolite Identification](#)

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[Development of a Modern Compendium of Microcrystal Tests for Illicit Drugs and Diverted Pharmaceuticals](#)

NIJ-supported researchers from the McCrone Research Institute have developed a comprehensive compendium of microcrystal tests that had previously been developed for illicit drugs and diverted pharmaceuticals. The researchers included 19 drugs and developed techniques for drugs that have non-traditional delivery mechanisms. The resulting electronic compendium will include recommended protocols and morphologies of crystals (including photomicrographs), infrared spectra of microcrystals, and potential interferences. Most importantly, the compendium will include optical and crystallographic properties of the resultant microcrystals. The Compendium of Microcrystal Tests for Illicit Drugs and Diverted Pharmaceuticals will be available with free access to all forensic scientists.

[Development of a Science Base and Open Source Software for Bloodstain Pattern Analysis](#)

NIJ supported the Iowa State University of Science and Technology to develop a better method to determine the region of the origin of blood spatters based on sound fluid mechanics principles. The method, which is about four times more accurate than current methods based on straight trajectories, reconstructs the curved trajectories of blood drops from 3D inspection of blood spatters. The researchers modified a 3D microscope used in the project to make it portable and available for use at a crime scene. Although the method was extremely accurate, the researchers conclude that "it is unlikely that the method will be used widely in a crime scene in a near future." The microscope cost is prohibitive (\$50,000), "and any surface rougher than 1 micrometer will likely create too much noise in the measurement of stain volumes (to be useful)."

[Analysis of Drugs of Abuse in Human Hair: Surface Contamination and Localization of Analysis](#)

NIJ-supported researchers from RTI International

[Forensic Scientist 1, DNA Analyst \(DPS #17981\)](#), New Mexico DPS Forensic Laboratory, Santa Fe, NM, Expires: July 2, 2016

[Forensic Scientist – Quality Assurance](#), Virginia Dept. of Forensic Science, Richmond, VA, Expires: August 31, 2016

[CRIMINALIST](#), Los Angeles County Medical Examiner – Coroner, Los Angeles, CA, Expires: June 30, 2016

[DNA Laboratory Supervisor](#), Austin Texas Police Department, Austin, Texas, Expires: July 30, 2016

[Forensics Account Manager](#), Sorenson Forensics, Salt Lake City, Expires: July 19, 2016

[CHIEF FORENSIC LABORATORIES](#), Los Angeles County Medical Examiner – Coroner, Los Angeles, CA, Expires: June 30, 2016

[Forensics DNA Analyst](#), Sorenson Forensics, Salt Lake City, Expires: August 13, 2016

[Sheriff's Supervising Forensic Scientist – Fingerprints and Crime Scene Investigation](#), Ventura County Sheriff's Office, Ventura, CA, Expires: August 11, 2016

[Criminalist, II](#), NYC CHIEF MEDICAL EXAMINER, New York, NY, Expires: August 11, 2016

[Criminalist, Level II](#), New York City Office of Chief Medical Examiner, New York, New York, Expires: December 30, 2016

[Computer Forensic Analyst](#), Houston Forensic Science Center, Houston, TX, Expires: July 28, 2016

[Latent Print Examiner](#), Durham Police Department, Durham, NC, Expires: July 18, 2016

[ICITAP Forensics Experts](#), Engility Corporation, Mexico City, Expires: July 1, 2016

[Forensic Examiner – DNA 1](#), ORAU, Ft. Gillem, GA (& OCONUS), Expires: August 31, 2016

[Forensic Examiner – Latent Print 1](#), ORAU, Ft. Gillem, GA (& OCONUS), Expires: August 31, 2016

[Forensic Examiner – Firearms and Tool Marks](#), ORAU, Ft. Gillem, GA (& OCONUS), Expires: August 31, 2016

[Forensic Chemist](#), ORAU, Ft. Gillem, GA (& OCONUS), Expires: August 31, 2016

[SEROLOGIST III / ASSISTANT TECHNICAL LEADER](#), Serological Research Institute, RICHMOND, CA, Expires: July 8, 2016

[Forensic Analyst – Audio/Video](#), Houston Forensic Science Center, Houston, TX, Expires: June 30, 2016

[Crime Scene Investigator](#), Houston Forensic Science Center, Houston, TX, Expires: June 30, 2016

[Manager of Biology](#), Houston Forensic Science Center, Houston, TX, Expires: June 30, 2016

[Technical Lead – Biology](#), Houston Forensic Science Center, Houston, TX, Expires: July 5, 2016

[Forensic Chemist](#), ORAU, Ft. Gillem, GA (& OCONUS), Expires: July 31, 2016

[Supervising Forensic Identification Specialist](#), Los Angeles County Sheriff's Department, Los Angeles, California, Expires: June 22, 2016

[Forensic Scientist – Questioned Documents](#), Virginia Dept. of Forensic Science, Roanoke, VA, Expires: June 30, 2016

[Assistant/Associate Professor of Forensic Science](#), Department of Forensic Science, College of Criminal Justice, Sam Houston State University, Huntsville,

examined the effects of environmental contamination of human hair leading to external deposition of methamphetamine and heroin on drug tests designed to identify drug use. The researchers investigated how well normal hair washing and extended decontamination removed the drugs from hair. The researchers noted that prior studies have raised significant concerns about contamination confounding hair test results, and noted the results of this RTI study, "continue to raise such concerns." They also noted that many hair testing laboratories institute decontamination procedures prior to testing hair samples for drugs, but said, "our studies show that a decontamination step alone is likely not sufficient to remove contributions from external contamination."

[Improving Detection of Crime Scenes](#)

NIJ's Forensic Science Technology Center of Excellence recently published a new forensic science success story about developing new methods to detect blood evidence at crime scenes. The most common method for detecting blood stains is to spray a crime scene with luminol, but this has its disadvantages. It can produce false positives when reacting with many common household items, dilute blood samples to a level at which DNA cannot be recovered, and smear blood spatter patterns that are often critical in determining how a victim was attacked. With the support from NIJ, researchers from the University of South Carolina in Columbus, South Carolina, developed a prototype thermal infrared (IR) camera that can rapidly and selectively identify blood stains in ambient lighting without the use of reagents.

[Research Reports](#)

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Texas, Expires: December 31, 2016

[Forensic Conferences](#)

WVU Forensic Management Academy
August 28 – September 2, 2016
Six days on-site in Pittsburgh, PA
Click [here](#) for course description and registration.

Aug 7-13, 2016: [International Association for Identification](#) – Cincinnati, OH
Sep 18-23, 2016: [International Symposium on the Forensic Sciences](#) – Auckland, New Zealand
Oct 3-7, 2016: [Midwestern Association of Forensic Scientist \(MAFS\)](#) – Branson, Missouri
Oct 2016: [15th Annual AFQAM Conference](#) – Little Rock, AR
Oct 16-21, 2016: [Society of Forensic Toxicologists](#) – Dallas, TX
Oct 2016: [Southwestern Association of Forensic Scientists](#) – Galveston, TX

[Training](#)

Ron Smith & Associates Training

National Latent Print Examiner Training Academy
APPLY NOW!
2nd Session - OCTOBER 3, 2016 thru MARCH 3, 2017

BUDGET PLANNING REQUIRED?
3rd Session - October 2, 2017 thru March 2, 2018

RS&A now offers an intense 20 week training program designed to provide agencies with a Latent Print Examiner who is trained to competency. This academy, with 800 hours of formal training, will produce graduates that are capable of performing "supervised case work" and once time requirements are met, be ready to apply for IAI Latent Print Certification.

2nd Session is scheduled to begin October 3, 2016 Hattiesburg, MS at the Camp Shelby Joint Forces Training Center. Only 25 academy applicants will be selected to attend so apply today!

The total cost for this program including academy tuition, 20 weeks room and board, and 3 meals per day is \$27,500.00.

Click here for complete details, photos, and the admission applications. (Link to: [Ron Smith And Associates LP Academy](#))

Ron Smith & Associates National Forensic Quality Manager Training Academy
March 20, 2017 - March 31, 2017 in Pearl, MS

It is truly amazing that, until now, there has never been a national training academy specifically designed for Quality Managers. Forensic Quality Managers have been expected to learn from "on the job" training that they may receive from a variety of sources, but none of this training has been consistent in the industry. Organizations like the Association of Forensic Quality Assurance Managers have been huge in taking up the mantle of providing various workshops and classes, but it was never intended to take the place of a complete training program. With forensics being under such intense scrutiny these days, agencies who perform forensic analysis must ensure that their work is performed under the guiding principles and standards which are now becoming more clearly defined each day. We, in the forensic should.

Ron Smith & Associates, Inc. is known as one of the premier forensic training companies in the world. Our teams of subject matter experts and support staff have

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[Sexual Assault Kits in Houston, TX: Case Characteristics, Forensic Testing Results, and the](#)

successfully designed and offered hundreds upon hundreds of highly sought after training opportunities all across the United States and abroad. RS&A is now ready to take on the challenge of building a National Forensic Quality Manager Training Academy which will soon become the cornerstone of forensic training in this very critical area.

Academy tuition is \$2,500.00 with only 25 seats available.

Click here for complete academy details and to complete an academy application today! (Link to: [Ron Smith And Associates QMAcademy](#))

National Footwear & Tire Track Training Academy
SEPTEMBER 5-16, 2016 (2 weeks Footwear)
OFF (September 19-30, 2016)
OCTOBER 3-14, 2016 (2 weeks Footwear)
OFF (October 17-28, 2016)
OCTOBER 31 - NOVEMBER 11, 2016 (2 weeks Tire Track)

RS&A now offers a Footwear and Tire Track Training Academy which includes 4 weeks of footwear examination training followed by 2 weeks of tire track examination training. Applicants can elect to complete the entire 6 week footwear and tire track academy or break it up and choose only the 4 weeks of footwear training or the 2 weeks of tire track training. The academy graduates of this 6 week program will learn the skills necessary to complete supervised footwear and tire track casework and will be ready to apply for a IAI Footwear Certification once time requirements have been met.

It is scheduled to begin September 5, 2016 in Hattiesburg, MS at the Camp Shelby Joint Forces Training Center. Only 20 academy applicants will be selected to attend.

The entire 6 week footwear and tire track academy the cost is set at \$11,250.00.

The 4 week footwear only academy is set at \$7,500.00.

The 2 week tire track only academy is \$3,750.00.

Cost includes academy instruction, room and board, and 3 meals per day according to training selection.

Click here for complete details and to apply for admission today. (Link to: <http://www.RonSmithandAssociates.com/Footwear>)

The American Society of Crime Lab Directors, along with RTI, have made the below webinars available.

[ASCLD Train the Directors Latent Prints Webinar - Archival](#)

[ASCLD Train the Directors DNA Discipline Webinar - Archival](#)

[ASCLD Train the Directors Controlled Substance Webinar - Archival](#)

[ASCLD Train the Directors Digital Multimedia Evidence Webinar - Archival](#)

[ASCLD Train the Directors Toxicology Webinar - Archival](#)

[ASCLD Train the Directors Firearms Webinar - Archival](#)

[False-Positive/Negative Error Rates in Cartridge Case Comparisons](#)

[ASCLD Rapid DNA Webinar 1 - Archival](#)

[VersionASCLD Rapid DNA Webinar 2 - Archival](#)

[VersionASCLD Rapid DNA Webinar 3 - Archival](#)

[VersionASCLD Webinar Series:](#)

Cambridge Healthtech Institute's Inaugural DNA Forensics

Exploring New Frontiers in Forensic DNA Investigation

August 23-24, 2016 | Grand Hyatt Hotel | Washington,

[Investigation of CODIS Hits](#)

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NIJ-supported researchers from the McCrone Research Institute have developed a comprehensive compendium of microcrystal tests that had previously been developed for illicit drugs and diverted pharmaceuticals. The researchers included 19 drugs and developed techniques for drugs that have non-traditional delivery mechanisms. The resulting electronic compendium will include recommended protocols and morphologies of crystals (including photomicrographs), infrared spectra of microcrystals, and potential interferences. Most importantly, the compendium will include optical and crystallographic properties of the resultant microcrystals. The Compendium of Microcrystal Tests for Illicit Drugs and Diverted Pharmaceuticals will be available with free access to all forensic scientists.

[Development of a Science Base and Open Source Software for Bloodstain Pattern Analysis](#)

NIJ supported the Iowa State University of Science and Technology to develop a better method to determine the region of the origin of blood spatters based on sound fluid mechanics principles. The method, which is about four times more accurate than current methods based on straight trajectories, reconstructs the curved trajectories of blood drops from 3D inspection of blood spatters. The researchers modified a 3D microscope used in the project to make it portable and available for use at a crime scene. Although the method was extremely accurate, the researchers conclude that "it is unlikely that the method will be used widely in a crime scene in a near future." The microscope cost is prohibitive (\$50,000), "and any surface rougher than 1 micrometer will likely create too much noise in the measurement of stain volumes (to be useful)."

[Analysis of Drugs of Abuse in Human Hair: Surface Contamination and Localization of Analysis](#)

NIJ-supported researchers from RTI International examined the effects of environmental contamination of human hair leading to external deposition of methamphetamine and heroin on drug tests designed to identify drug use. The researchers investigated how well normal hair washing and extended decontamination removed the drugs from hair. The researchers noted that prior studies have raised significant concerns about contamination confounding hair test results, and noted the results of this RTI study, "continue to raise such concerns." They also noted that many hair testing laboratories institute decontamination procedures prior to testing hair

DC

Advances in DNA profiling technologies are enabling faster and more accurate results, in some cases moving procedures from the lab to the crime scene. Emerging tools such as next-generation sequencing are also creating new possibilities in forensic DNA investigation, but with that comes unfamiliar scientific and legal implications.

Cambridge Healthtech Institute's Inaugural DNA Forensics event will examine new technologies, changing policies, and trends in forensic DNA investigations. Special focus will be given to next-generation sequencing (NGS), including statistical analysis and interpretation of DNA profiles. Optimizing extraction techniques and isolation will also be addressed with an emphasis on challenging samples. Overall, this event aims to address existing bottlenecks while introducing solutions and new concepts in the DNA identification field.

Day 1 | [Day 2](#) | [Short Courses](#) | [Download Brochure](#)

[News Around the Globe](#)

[cont..](#)

[Rape kit tests yield suspects but not necessarily convictions](#)

HeraldNet

Evidence was collected from the woman, but Everett police didn't submit the sexual assault exam kit to the Washington State Patrol crime lab for ...

[Our View: Processing rape kits necessary to justice](#)

Santa Fe New Mexican

Susana Martinez authorized \$1.2 million in the last session to help the state begin to deal with the backlog, money that will go to hire more crime lab ...

[New imaging method reveals nanoscale details about DNA](#)

Science Daily

Since DNA is at the root of many disease processes, the technique could help scientists gain important insights into what goes wrong when DNA ...

[New DNA Imaging Technique Boasts Nanoscale Resolution](#)

- GenomeWeb

[Inside the FBI's 'CSI': Active-shooter terror attacks have forensic teams scrambling to adapt](#)

Fox News

FORT DIX, N.J. – Standing in front of the mobile command center, the head of the FBI's New York Evidence Response Team briefed investigators.

[Beatrice Six prosecutor: DNA testing was available in 1989, but too expensive](#)

Omaha World-Herald

Although DNA had been used to obtain a murder conviction the previous year in New York, the forensic tool did not gain full acceptance by the ... In 2008, court-ordered DNA testing revealed that none of the six people convicted of ...

[5 Investigates: Enhanced DNA testing on evidence in Bish killing](#)

WCVB Boston

Now, they're hoping enhanced DNA testing on dozens of pieces of evidence that have never been tested will give them the break needed to solve this ... tool did not gain full acceptance by the ...

[Retiring Oakland County Sheriff's](#)[Office forensic specialist reflects on memorable cases, career](#)

The Oakland Press

He supervises the Crime Scenes and Latent Prints divisions of the county crime lab, which works not only on cases in the sheriff's office's jurisdiction, .

[DNA could be key to Santa Fe cold cases](#)

Albuquerque Journal

Key to the effort are the advances that have been

samples for drugs, but said, "our studies show that a decontamination step alone is likely not sufficient to remove contributions from external contamination."

[Improving Detection of Crime Scenes](#)

NIJ's Forensic Science Technology Center of Excellence recently published a new forensic science success story about developing new methods to detect blood evidence at crime scenes. The most common method for detecting blood stains is to spray a crime scene with luminol, but this has its disadvantages. It can produce false positives when reacting with many common household items, dilute blood samples to a level at which DNA cannot be recovered, and smear blood spatter patterns that are often critical in determining how a victim was attacked. With the support from NIJ, researchers from the University of South Carolina in Columbus, South Carolina, developed a prototype thermal infrared (IR) camera that can rapidly and selectively identify blood stains in ambient lighting without the use of reagents.

[News Around the Globe](#)

[Oregon DA wants 1500 drug convictions reviewed in wake of labtech's evidence tampering](#)

The Japan Times

Nika Larsen, the lab technician from the state police lab in Bend, ... work group investigating the Oregon State police forensic laboratory system, said ...

[Understanding the Nature of Work of a Forensic Scientist](#)

TheSequitur.com

Forensic Science has been used for many years to solve the mysteries ... This is not really true because if you work in lab, you will have to acquire ...

[Death Investigation Underway in Minnetonka](#)

KSTP.com

... man was pronounced dead. The Hennepin County Medical Examiner's Office and the Hennepin County Crime Lab are assisting Minnetonka Police.

[Oregon DA is gunning for justice in review of convictions](#)

STLtoday.com

... who is examining about 1,500 convictions after a state police forensics lab ... Nika Larsen, the lab technician from the state police lab in Bend, ...

[Alma PD and GBI looking into death of man found in bushes](#)

WSAV-TV

... vehicles were impounded pending a thorough analysis by a GBI Crime Scene Specialist unit and Overstreet's body has been sent to the crime lab.

made in forensic DNA ... "Back then, they didn't think about handling evidence with DNA in mind."

[Breaking Up DNA, Lightsaber Style](#)

Asian Scientist Magazine

Breaking Up DNA, Lightsaber Style. Scientists in India have found that damage to DNA can be induced by ultra-short pulses of high-intensity laser ...

[DNA a match for accused](#)

Brantford Expositor

The DNA of a man accused of driving a stolen pickup truck involved in a fatal crash two ... forensic scientist Margaret Henry of Toronto's Centre for Forensic Sciences testified ... Both were compared with a DNA sample from Gamble.

[Police: Man charged with 2 sexual assaults from 2007; DNA evidence links cases](#)

WJLA

ARLINGTON (ABC7) — Arlington Police arrested 34-year-old Justin Wingate-Poe, a probation counselor for Fairfax County. Poe is charged in two ...

[DNA leads to arrest in 2010 sexual assault](#)

Wisconsin Radio Network

... the Wisconsin Crime Lab. That DNA from the victim's finger matched a man who had lived near the College Avenue Bridge in the Offender Index.