

August 18, 2014



## American Society of Crime Lab Directors Crime Lab Minute

### General Announcements

#### President's Message

Dear Colleagues:

The ASCLD board is excited to announce that we have partnered with Kinsley Meetings to assist with the planning and supervision of our 2015 meeting in Washington, D.C. Kinsley will work with our Vendor and Sponsorship Committee to attract more support. This will in turn help to cover the cost of having a meeting planner. They will also work with us to set up our online registration to make the process smoother, both during registration and at the meeting. Kinsley has worked with several vendors for exhibit setup and AV needs and may be able to provide discounts on our contracts. Several members of the ASCLD Board met with representatives from Kinsley while at our Scottsdale meeting. Kinsley also had a representative stay for a few days during the meeting to learn more about how our meetings run and to assess areas that we can renovate and rejuvenate so our meetings can be even more successful. Any of you that have worked on planning and putting on a large meeting know how much work is involved. Having professionals assist us will give us the ability to utilize their expertise and focus the Board on being more actively interacting with the membership during the meeting, instead of behind the scenes.

Due to an oversight on the part of ASCLD, one additional new member, Daniel Bradshaw, Technical Lieutenant, New York State Police Forensic Investigation Center, has been added to the list of new Regular Members. This list is posted on the ASCLD website. Please let me know if you have any questions.

Brady Mills  
ASCLD President

#### DNA Mixture Interpretation Study

### Vendor Sponsors



The Center for Advanced Forensic DNA Analysis (CAFDA) is pleased to announce the [Genome ID Forum 2014 - Emerging Forensic Genomic Applications](#); a conference to take place on September 9 and 10 at the Hilton Greenville, North Carolina. Genome ID Forum brings together thought leaders from forensic science, research, academia, law and technology development for an open on-going dialogue regarding emerging science, technology applications and adoption by the forensic community. The program includes **Mr. John Byrd**, Director, North Carolina State Crime Laboratory speaking on "*Challenges to Implementation of New and Advanced Technologies in a Forensic Laboratory*". To foster open discussions, space is limited. Registration is available through our website at [www.genomeIDforum.com](http://www.genomeIDforum.com).



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Triple quadrupole GC/MS/MS has emerged as a powerful technique for trace-level analysis of drug residues. Shimadzu's GCMS-TQ8030, providing exceptional sensitivity, selectivity, and specificity for detection and quantitation of targeted drugs in the presence of background

The ASCLD Forensic Research Committee supports the NIJ-funded DNA Mixture Interpretation Study coordinated by the Defense Forensics and Biometrics Agency and all interested laboratories are encouraged to participate. The purpose of this study is determine the variation that occurs in interpretation of DNA mixtures in 2-, 3-, and 4-person mixtures. Variations in allele calls will be evaluated intra- and inter-laboratory and allele calls will be evaluated both pre- and post-technical review. Participants will analyze five DNA mixture datasets that vary in the number of contributors and contributor ratios. Interpretations will be made using the laboratory's Standard Operating Procedures but with the thresholds provided based on the validation of the instrumentation used to generate the data set. Participants will receive the data in the form of .fsa files. The study will use quantifiable metrics to evaluate the participant's ability to identify the number of contributors, estimate the ratio of mixture components, evaluate the accuracy of the allele calls in each mixture, and examine the variations in the final statistics generated for the reported interpretations. The study is designed to take no more than 4 hours. Currently, eleven labs are participating.

To sign up, please email Roman Aranda at [roman.aranda3.ctr@mail.mil](mailto:roman.aranda3.ctr@mail.mil). Please use "DNA Mixture Interpretation Study" in the subject line. Registration closes **August 29, 2014** with all data to be returned to Dr. Aranda by September 29, 2014.

## News Around the Globe

[NC State forensic anthropologists volunteer to solve crimes](#)

News & Observer

Human bones lie on the examination table at the N.C. State forensics laboratory, which houses skeletal remains of victims in cold case crime ...

[Consider these two ways to fund the county crime lab](#)

Pittsburgh Post-Gazette

I can think of two possible ways to fund our local crime lab. One is the Allegheny County district attorney's asset forfeiture account. Those are funds ...

[Passion for proof drives his forensic fascination](#)

Washington Times

interferences, is the most powerful choice for your toxicological applications.

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**REGISTRATION IS NOW OPEN: [Bode's 2014 DNA Technical Conferences](#)**, providing DNA training on the latest techniques and technologies to the forensic scientific community.

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

Bode's solutions include [BodeDirect™ Outsourcing](#) and [Same-Day DNA Service™](#), and the [Bode Buccal DNA Collector™](#), a direct collection system, reduces processing time, saving money for crime laboratories.

Bode's newest offerings include:

[BodeLIMS™ – The First True Forensic DNA LIMS](#). BodeLIMS is a web-based LIMS that tracks samples from receipt through reporting. The software documents and captures the entire DNA analysis process and is completely configurable, thus adaptable to changing technologies.

[Bode LeanLab™](#) service utilizes Lean Six Sigma principles and delivers custom solutions

It's not that Ross, a retired Air Force colonel in Columbus, is preoccupied with criminal nature or the macabre. It's only that forensic science fascinates ...

### [Work On New Nebraska State Patrol Crime Lab Underway](#)

WOWT

Construction is underway on a new state-of-the-art Crime Laboratory for the Nebraska State Patrol. The Patrol joined state and local officials on ...

### [N.H. Declares State of Emergency Over Synthetic Cannabinoids](#)

CSPnet.com

CONCORD, N.H. -- New Hampshire Governor Maggie Hassan on Aug. 14 declared a State of Emergency as a result of recent overdoses in ...

### [County police show off new crime lab technology](#)

WBAL Baltimore

The week is meant to highlight the work that's done in crime labs around the country to show how forensic scientists assist in criminal investigations.

### [Government to set up wildlife forensic lab](#)

Capital FM Kenya

NAIROBI Kenya, Aug 15 – The Government has announced plans to construct a wildlife forensic laboratory to aid in the provision of accurate ..

### [Officials offer glimpse into Norfolk's state forensics lab](#)

Daily Press

While the technicians at the state's forensics labs don't have the ability to figure out what someone looks like based on a DNA sample or learn the ...

### [Allegheny County warns of crime lab closure](#)

Tribune-Review

The ripple effect from closing Allegheny County's crime lab could slow test results and hinder prosecutions across Western Pennsylvania — and ...

### [Chester County has new forensics lab](#)

Main Line

The Computer Forensics Lab, referred to as the "CFL," is the where the ... up to four full-time forensic examiners from the Chester County Detectives.

### [Fire incompetent people - forensic expert](#)

News24

Cape Town - Competence, common sense, and competitive wages are all that is needed to vastly improve the performance of the State's forensic ...

to forensic labs improving efficiency, increasing throughput, reducing turnaround time and eliminating backlogs.

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**WVU Center for Executive Education** offers unique customized programs for forensic professionals interested in improving their individual and organizational knowledge of contemporary business practices.

## [WORK TO BEGIN SOON IN EDNEYVILLE ON NC'S FOURTH AND NEWEST CRIME LAB](#)

WHKP

The "bottom line", says Joe John with the state crime lab in Raleigh, is work will start ... But the big advantage of this new one to be built in Edneyville is it will be capable of testing crime scene evidence for DNA and for toxicology, and ...

## [Special team to probe gun theft at Forensic Centre](#)

Trinidad Guardian

A team of ten police officers have been appointed to investigate the disappearance of over 40 guns from the Forensic Science Centre (FSC), St James.

## [State crime lab opens doors to show how forensic scientists work to help solve crimes](#)

Deseret News

During National Forensic Science Week, crime labs across the country — including the Utah crime lab — opened their doors to show the public what ..

## [Efforts to get more untested rape kits to the lab are moving forward in Utah](#)

Good4Utah

"We need punishment for these crimes and we need to get through the backlog and make sure that victims see justice. That's the bottom line," said Salt ...

## [Editorial: Local crime lab would speed justice](#)

Winston-Salem Journal

Local officials have been in talks with NMS Labs, an organization with an excellent reputation, about opening a crime lab in Winston-Salem, the ...

## [Alameda County Teams With FBI In Hopes Of Processing Backlog Of DNA Rape Kits Faster](#)

CBS Local

OAKLAND (KCBS)— Alameda County's District Attorney is now working with the FBI on a pilot project to process and review DNA rape kits more ...

## [It's a Match: NIST and Prince George's County Crime Lab Team Up on Ballistics Research](#)

National Journal

Researchers at the National Institute of Standards and Technology are working to improve ballistics matching methods with assistance from the Prince ...

## [Forensic Meteorologists Solve Crimes You've Never Thought About](#)

io9

Registration is now open for the 2014 Forensic Management Academy, a unique one-week management program geared specifically to current and aspiring forensic laboratory managers, law enforcement professionals and other forensic service providers. Instructors include forensic practitioners and college professors experienced in the field of forensics. The program will be offered September 14 – 19, 2014 in Morgantown, WV on the WVU campus. Please visit our website at <http://www.be.wvu.edu/execed/fma> for more information and to register.



**Forensic Magazine®** is the leading source of information on all aspects of forensic science technology, trends, equipment, services, and laboratory design. In every issue, Forensic Magazine® provides professionals working in forensic laboratories and crime scene investigation with the news and technical information they need—both in the lab and in the field. Forensic Magazine® covers forensics from evidence collection through processing, analysis, storage, and more. Forensic Magazine® features the latest technology, applications, and information for forensic scientists, crime scene investigators, and forensic specialists. Free subscriptions for the print/digital magazine and daily electronic newsletter are available at [www.forensicmag.com](http://www.forensicmag.com)

## ***Employment Opportunities***

[Forensic Scientist III](#), Scottsdale Police Department, Scottsdale, AZ, Expires: September 14, 2014



Forensic meteorology is the science of using historic weather records, atmospheric data, eyewitness accounts, and reenactment simulations to ...

[Sacramento forensic experts honored with their own week](#)  
Sacramento Bee

10-16, recognizes the importance that forensic science plays in investigating crimes throughout the nation – exonerating the innocent and identifying ...

[Hennepin County Crime Lab Receives International Recognition](#)

KSTP.com

“These impressive results are indicative of the dedication, commitment and hard work contributed by Sheriff’s Office Crime Lab personnel.

[State funding sought for western Pa. crime lab](#)

WKBN.com

PITTSBURGH (AP) – Officials in western Pennsylvania’s Allegheny County are seeking millions of dollars from the state to help keep the county’s ...

[Sheriff’s Office to Celebrate National Forensic Science Week with Presentations from Dave and ...](#)

GardnerEDGE

The week of August 10-16 will be dedicated to recognizing the hard work and diligence of the Crime Lab employees. Their work solves crimes, ...

[Gov. Pence Issues Proclamation Declaring Aug. 10-16 Forensic Science Week](#)

WBIW.com

National Forensic Science Week brings recognition to the role that proper forensic science plays in the investigation of crimes throughout the nation, ...

[New forensic lab yet to do any testing for police](#)

Stabroek News

The recently opened Guyana Forensic Science Laboratory has not yet ... among the staff would be the ranks attached to the police force’s crime lab.

[Crime Scene Specialist](#), Scottsdale Police Department, Scottsdale, AZ, Expires: August 31, 2014

[Forensic Management Analyst](#), Harris County Institute of Forensic Sciences, Houston, Texas, Expires: November 14, 2014

[Forensic Scientist I \(Chemical\)](#), Suffolk County Crime Laboratory, Hauppauge, NY, Expires: November 14, 2014

[Criminalist](#), Sacramento County DA’s Office Laboratory of Forensic Services, Sacramento, CA, Expires: August 29, 2014

[Criminal Investigator I – Chemist](#), Colorado Bureau of Investigation, Pueblo, CO, Expires: August 28, 2014

[Forensic Chemist I](#), Kentucky State Police Central Forensic Laboratory, Frankfort, KY, Expires: August 17, 2014

[Forensic Science Technician](#), Charles County Sheriff, La Plata, Expires: September 8, 2014

[Forensic Scientist- Chemist](#), Beaufort County Sheriff’s Office, Beaufort, South Carolina, Expires: September 1, 2014

[Forensic DNA Analyst](#), Beaufort County Sheriff’s Office, Beaufort, South Carolina, Expires: September 1, 2014

[Crime Laboratory Analyst](#), State of Florida, Havana/Midway, Florida, Expires: August 19, 2014

[Latent Print Examiner-Forensic Scientist III/Quality Assurance Specialist](#), City of Saint Paul, Saint Paul, MN, Expires: November 3, 2014

[Latent Print Examiner](#), Fort Worth Police Dept, Fort Worth, Texas, Expires: August 27, 2014

## *Training*

**A2LA** courses are designed with forensic professionals in mind, including a new courses to be hosted in Minnesota this September on ISO/IEC 17025 and 17020. See the below link for a full listing with dates and topics.

[http://www.a2la.org/training/course\\_schedule.cfm](http://www.a2la.org/training/course_schedule.cfm)

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The **ANSI-ASQ National Accreditation Board/FQS** offers 2 workshops for accreditation preparation to the forensic community.

- ISO/IEC 17025 and Audit Preparation Workshop for Forensic Test Agencies

Attendees of this three-day workshop will obtain a general overview of ISO/IEC 17025 as it relates to forensic test agencies.

[September 22-24, 2014](#), Alexandria, VA  
[October 27-28, 2014](#), Worcester, MA

- ISO/IEC 17020 and Audit Preparation Workshop for Forensic Police Agencies

Attendees of this two-day workshop will obtain a general overview of ISO/IEC 17020 for forensic police agencies.

[September 25-26, 2014](#), Alexandria, VA

For more information about these workshops, contact FQS at 703-836-0025, ext 208. To register, please click on any of the dates above.

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### [ASCLD-LAB Training](#)

Training classes to help forensic laboratory personnel understand the requirements of *ISO/IEC 17025 General Requirements for the Competency of Testing and Calibration Laboratories*.

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George Mason University's Office of Continuing Professional Education in Virginia is hosting a 2-day seminar:

Sexually Violent Crime: The Body as Evidence  
Taught by Dr. Henry Lee and Dr. Leah Bush  
November 3-4, 2014

Sexually violent crime continues to challenge investigators and concern the general public. It has been estimated that every two minutes, someone in the United States is sexually assaulted. In many

[Sheriff's Forensic Services Bureau Manager II](#), Ventura County Sheriff, Ventura, CA, Expires: September 30, 2014

[Forensic Toxicology Analyst](#), St. Tammany Parish Coroner's Office, Lacombe, LA, Expires: September 12, 2014

[DNA Analyst III](#), Harris County Institute of Forensic Sciences, Houston, Texas, Expires: September 30, 2014

[Laboratory Quality Assurance Manager](#), Tri County Regional Forensic Laboratory, Andover, MN, Expires: August 19, 2014

[Quality Assurance Coordinator](#), The City of Lakewood, Lakewood, Colorado, Expires: August 29, 2014

[Criminalist, IB](#), NYC Office of Chief Medical Examiner, New York, NY, Expires: August 23, 2014

[Chief Medical Examiner](#), Travis County, Austin, TX, Expires: September 23, 2014

[Forensic Scientist II-Latent Print Examiner](#), City of Saint Paul, Saint Paul, MN, Expires: October 23, 2014

[Forensic Analyst – Biology-DNA](#), Houston Forensic Science Center, Houston, TX, Expires: September 30, 2014

[Latent Print Examiner](#), Houston Forensic Science Center, Houston, TX, Expires: September 30, 2014

[Quality Specialist](#), Houston Forensic Science Center, Houston, TX, Expires: September 30, 2014

[Forensic Scientist I or II](#), LVMPD, Las Vegas, NV, Expires: September 3, 2014

cases, sexual assault results in homicide. Dr. Henry Lee and Dr. Leah Bush, two of the country's top forensic scientists, will share their individual and collective expertise to help the participants understand the importance of the body as evidence as it relates to sexually violent crimes.

Please visit our course page at [http://www.ocpe.gmu.edu/programs/legal/cold\\_case.php](http://www.ocpe.gmu.edu/programs/legal/cold_case.php) for more information on this exciting opportunity to learn from two of the top forensic scientists in the country!

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Forensic and Investigative Science Outreach is pleased to provide quality, continuing education courses for forensic professionals. We would like to announce several on-site courses which will be offered for FREE at West Virginia University in Morgantown, West Virginia. Please feel free to visit our [website](#) for additional registration information and to share this information with other interested individuals.

Continuing Education Courses – Summer 2014

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### **ASCLD Webinars:**

Links to these webinars can also be found on the ASCLD [Training Opportunities](#) webpage.

**Webinar #1:** [Taking the First Steps Toward Backlog Reduction](#)

**Webinar #2:** [The Backlog Paradox: Doing Less is Doing More](#)

**Webinar #3:** [Managing Customer Expectations and Education](#)

**Webinar #4:** [Case Acceptance, Policies and Guidelines](#)

**Webinar #5:** [Efficiency Improvements](#)

**Webinar #6:** [Increasing Your Staff without Increasing Your Budget](#)

**Webinar #7:** [Developing a Statewide Approach to Backlog Management](#)

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**Cal State Fullerton Certificates in Crime &**

[Forensic Scientist – Forensic Biology](#), Virginia Department of Forensic Science, Roanoke, VA, Expires: August 31, 2014

[Forensic Scientist](#), Fort Worth Police Department, Fort Worth, Texas, Expires: August 30, 2014

## **Conferences**

August 31 – September 4, 2014: 22<sup>nd</sup> International Symposium on the Forensic Sciences in Adelaide, South Australia. See <http://anzfss.org.au/international-symposium/> for more

September 9-10, 2014: Emerging Forensic Genomic Applications – genomID forum In Greenville, NC. See [www.advancedforensicdna.com/corporate/snproof/](http://www.advancedforensicdna.com/corporate/snproof/) for more information.

September 23-26, 2014: [Southern Association Forensic Scientist \(SAFS\) Annual 2014 Meeting](#) in Savannah, GA.

October 4-10, 2014: Midwestern Association of Forensic Scientists in St. Paul, MN. See <http://www.mafs.net/news-feeds-1/mafs-2014> for more information.

October 13-18, 2014: World Forensic Festival in Seoul, South Korea. See <http://www.wff2014korea.org/info/index.php> for more information.

October 14-17, 2014: Association of Forensic Quality Assurance Managers in Vancouver, B.C. See <http://afqam.org/wp12/annual-training-conference/> for more information.

October 19-24, 2014: Society of Forensic Toxicologists in Grand Rapids, MI. See

**Forensics.** Contact Veronica Martinez at 1-657-278-3123 or see <http://extension.fullerton.edu/professionaldevelopment/Crime-Forensic>.

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**RTI International's Center for Forensic Sciences Continuing Education** is pleased to offer a second premium online course for legal professionals, titled "*Managing Quality and Reliability in the Crime Laboratory: A Lawyer's Perspective*". This low cost training was developed with the support of ASCLD/LAB, the North Carolina District Attorney's Association and the National Association of Prosecutor Coordinators. This course is designed for legal professionals who interface with scientific experts and/or present scientific evidence in courts of law. The course provides information about how accredited crime laboratories control quality, ensure the reliability of results, and work to maintain a high level of customer satisfaction and confidence in the reliability of laboratory services. It is recommended, but not required, that users have taken the course; An Introduction to the Crime Laboratory - Understanding its Role and Purpose before attempting this course.

By the end of this course, you should be able to:

- Evaluate the work of a scientific expert
- Name the two types of scientific analyses
- Name the international body that governs crime laboratory accreditation
- Recognize authoritative documents and court rulings critical to forensic science
- List five warning signs signaling problems in a crime laboratory

If you know of a legal professional who may be interested in taking this course, please direct them to: <https://www.forensiced.org/training/viewcourse.cfm?moduleid=fd2f9c6-4d9e-4e7c-a6fd-c5301474a49d>. In some states, this course has been approved for 1 hour of CLE and MCLE credits (<https://www.forensiced.org/training/clestates.cfm?cid=1128152721>).

<http://www.soft-tox.org> for more information.

October 19-23, 2014: [36th Annual Southwestern Association of Forensic Scientists \(SWAFS\)](#) in South Padre Island, TX.

October 20-24, 2014: Northwest Association of Forensic Scientists in Rohnert Park, CA. See <http://www.nwafs.org/meetings.htm> for more information.

November 3-6, 2014: [Annual DNA & Investigators Workshop– Bode Mid-Atlantic](#) in Crystal City, VA

November 3-6, 2014: [Northeastern Association of Forensic Scientist \(NEAFS\) Annual Meeting](#) in Hershey, PA.

February 16-21, 2015: [AAFS 67th Annual Scientific Meeting](#) in Orlando, FL