

June 30 , 2014



General Announcements

President's Message

Dear Colleagues:

Last week, NIST announced the appointment of 17 academic researchers and forensic science experts to the Forensic Science Standards Board (FSSB). I am pleased to say that ASCLD is well represented on the FSSB. NIST has included our board member and advocacy chair Jeremy Triplett, past board member and co-chair of the Forensic Research Committee (FRC) George Herrin, PhD and member Scott Oulton on the FSSB. The complete NIST announcement can be found at the link below.

<http://www.nist.gov/forensics/first-forensic-science-standards-board-062614.cfm>

Have a good week,

Brady Mills
ASCLD President

DNA Mixture Interpretation Study

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

Advocacy Corner

ASCLD has joined the social media world and is now on Twitter! Using Twitter will allow us to better interface with stakeholders, media, legislative offices, and YOU. If you are on Twitter, please follow us. Our name is @asclد_ (with the underscore). We look forward to seeing you in the Twittersphere!

Jeremy Triplett
Advocacy Chair

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 **Dr. Peter M. Vallone**, Leader, Applied Genetics Group, National Institute of Standards and Technology (NIST) speaking on "*Research on Emerging Applied Technologies conducted at NIST*". To

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. Please use "DNA Mixture Interpretation Study" in the subject line. Registration closes July 21, 2014 and all results must be returned by August 22, 2014.

News Around the Globe

[Centre for DNA Fingerprinting and Diagnostics to procure FBI software](#)

Economic Times

HYDERABAD: A city-based forensic lab will soon install a software developed by the US probe agency FBI that would substantially reduce the time ...

[Caribbean drug flow increases concern US](#)

MiamiHerald.com

For years, Caribbean governments have voiced concerns that U. S. counter-narcotics efforts in Mexico and Central America would force drug ...

[Rape Evidence Backlog](#)

New York Times

Five years ago, for example, more than 11,000 unprocessed kits, some of them a decade old, were discovered at the Detroit crime lab. When the first ...

[Governor signs bill creating forensics division](#)

The News Journal

Opponents contend crime labs should be independent of law enforcement and ... Two lab employees have been arrested in the probe into the missing ...

[DNA law testing Texas crime labs](#)

KXAN.com

In the seven months the law has been in effect, KXAN has learned it is taxing the state Department of Public Safety crime lab, whose officials say they ...

foster open discussions, space is limited. [Click Here to Register for Genome ID Forum 2014.](#)



GC/MS/MS Speed, Sensitivity, and Selectivity Beyond Comparison

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- Single software platform for all Shimadzu GCMS
- Front-access source for easy maintenance

Learn more. Visit

<http://www.ssi.shimadzu.com/ASCLD>



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.

[Marine life assists forensic efforts](#)

Phys.Org

She says it is important that aquatic organisms continue to be studied in forensicscience so cause of death in a water-based crime scene can be ...

[Pot analysis no longer easy for Washington crime labs](#)

The Cannabist

KENNEWICK, Wash. — Changes in marijuana laws in Washington have affected operations at state crime labs, which still must process the drug for ...

[Vic forensic crime fighting gets boost](#)

Daily Mail

A new multimillion dollar forensic crime-fighting complex in Melbourne is expected to speed up DNA, drug and blood testing and give hope to cold ...

[Forensic expert re-lives horror of handling hundreds of Boxing Day tsunami bodies](#)

The Journal

A forensic expert today revealed how the horrors of handling bodies from the ... When you got a hit on DNA or fingerprints you felt fantastic - that was ...

[LabCorp to process Greensboro police DNA requests](#)

Greensboro News & Record

In North Carolina, DNA is collected from all convicted felons. ... the most common, but the State Crime Labprocesses only DNA from violent crimes

[Chemotherapy Drug Docetaxel Can Cause Alcohol Intoxication FDA Warns](#)

ModVive

Part of the formulation of the chemotherapy drug docetaxel is ethanol, a fact that has led to reports of patients exhibiting alcohol intoxication symptoms ...

[Aurora Police Department releases review after rape kits, otherDNA evidence destroyed](#)

The Denver Channel

According to the report, the internal audit group found a total of 893 pieces of DNAevidence were destroyed in 455 cases. In 32 of those cases, the ..

[NJ again considers requiring DNA samples of some disorderly persons](#)

Newsworks.org

Phil Gregory brings his knowledge of politics and business to Trenton where he covers the Statehouse and Central Jersey for both WBGO and WHYY.

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

Visit www.bodetech.com or email bode.service@bodetech.com for more information.



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[GBI crime lab director appointed to First Forensic Science Standards Board](#)

WTVM

Dr. George Herrin, Jr., GBI Crime Lab Director, has been appointed to the first Forensic Science Standards Board of the Organization of Scientific Area ...

[Snyder OKs rules for testing rape-evidence kits](#)

seattlepi.com

After taking over the city's crime lab in 2008, state police discovered more than 11,000 untested rape-evidence boxes dating back 25 years. Printable ..

[SBI moved - again - in House crime omnibus bill](#)

WRAL.com

It also allows forensic analysts from the State Crime Lab to testify at trials via video link if the defense agrees. Rep. Skip Stam, R-Wake, said the ...

[Lab tech admits improper procedures](#)

Longview News-Journal

HOUSTON (AP) — A former Houston crime laboratory technician blamed for leaving behind dozens of questionable test results admitted to colleagues ...

[Manpower crunch cripples forensic lab](#)

Times of India

GUWAHATI: Acute manpower crisis has crippled the state forensic ... the digital unit has 156 cases and the DNA typing unit has 27 pending cases.

[Sheriff's Office Forensic Science Division Earns Highest Level o - KTVN Channel 2 - Reno Tahoe ...](#)

KTVN

The American Society of Crime Laboratory Directors Laboratory Accreditation Board (ASCLD/LAB) presented their International Certificate of ...

[Audit reveals numerous rape kits unanalyzed in Hollywood](#)

Local 10

The Hollywood Police Department has requested the Broward Sheriff's Office Crime Lab to review its evaluations of rape kits. An audit initiated by ...

[Americans Help With Forensic Education](#)

Channel 7 Daily News

Often in this newscast, we show you different crime scenes, and the technicians from the National Forensic Science Service doing their jobs. They're ...

[Maryland's DNA database records 3500th hit](#)

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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.

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

Maryland's DNA database, housed at the State Police Forensic Sciences Division laboratory, has now resulted in 3,500 positive comparisons, or "hits," ...

[NMS Labs Dr. Barry Logan Appointed to NIST Forensic Science Standards Board](#)

Fort Mills Times

Dr. Logan, a past president of the American Academy of Forensic Sciences (AAFS) has been appointed to ... subcommittees that will focus on specific disciplines, including DNA, toxicology, medico-legal death investigation, facial ...

Training

An invitation to ASCLD members:

Approximately 9 seats are available for the Professional Orientation School for Crime Laboratory Scientists being held in Salt Lake City, Utah from August 11 to August 14, 2014. Below is a link to the school where you can request enrollment. Enrollment requests should be submitted by Thursday July 3rd. Please call [517-618-1840](tel:517-618-1840) or email at office@forensicfoundations.com if you have any questions.

http://forensicfoundations.com/orientation_school

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 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 for more information on this exciting opportunity to learn from two of the top forensic scientists in the country!

Employment Opportunities

[Forensic Scientist-Chemistry](#), Justice, Missoula, MT, Expires: July 25, 2014

[Latent Print Examiner](#), Idaho State Police, Meridian, Idaho, Expires: July 11, 2014

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

[DNA Technical Leader](#), Idaho State Police, Meridian, Idaho, Expires: July 9, 2014

[Impressions Examiner](#), Virginia Department of Forensic Science, Richmond, VA, Expires: July 9, 2014

[Forensic Laboratory Director](#), Tri County Regional Forensic Laboratory, Andover, Minnesota, Expires: June 30, 2014

[Forensic Scientist – Latent Print Examiner](#), DuPage County Forensic Science Center, Wheaton, IL, Expires: July 25, 2014

[Forensic Scientist – Forensic Biology](#), Virginia Department of Forensic Science, Manassas, VA, Expires: July 2, 2014

[Deputy Director Toxicology, Controlled Substance and Chemistry](#), Department of

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

Paint Evidence and the Forensic Laboratory

This course will cover how paint evidence can be analyzed in the forensic laboratory. The course will give background on paint, polarizing light microscopy, FTIR, XRF, and Raman. Students will gain hands on experience analyzing paint using microscopy, FTIR, XRF, and Raman and learn how to interpret the results.

Dates: July 8-10, 2014

Instructor: Patrick Buzzini, PhD

Location: Oglebay Hall- Downtown Campus

Blood Presumptive Testing and Enhancement

This course will cover the medium of blood, precautions to take for personal protection, packaging concerns, and the importance of controls. It is intended for the beginning crime scene investigator, seasoned investigators wishing to review and practice these techniques, and patrol officers with secondary duties at the crime scene. Following the lecture portion, the remainder of the class will be hands on using techniques such as phenolphthalein, BlueStar, Amido Black, and Acid Yellow 7.

Dates: July 10-11, 2014

Instructor: Kelly Ayers, MS, CSCSA

Location: WVU Crime Scene Complex- Evansdale Campus

Identification of Natural and Man-made Fibers

This course will introduce students on how to identify natural and man-made fibers. The course will cover background information on fibers, the difference between natural and man-made fibers, polarizing light microscopy, thermal microscopy, and FTIR.

Emergency Services and Public Protection,
Meriden, Connecticut, Expires: July 11, 2014

[Deputy Director of Identification Services](#),
Department of Emergency Services and Public
Protection, Meriden, CT, Expires: July 3,
2014

[Laboratory Accreditation Specialist](#), New
York State, Albany, NY, Expires: June 30,
2014

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

[Firearms Examiner](#), Houston Forensic Science
LGC, INC., Houston, TX, Expires: August 12,
2014

[Lead Forensic Scientist \(DNA\)](#), DC
Government/Department of Forensic Sciences,
Washington, DC, Expires: July 31, 2014

[Forensic Scientist \(Crime Scene\)](#), DC
Government, Washington, DC, Expires: July
17, 2014

[Forensic Scientist 3](#), Metro Nashville Police
Department- Crime Laboratory, Nashville,
TN, Expires: July 14, 2014

[Forensic Scientist 2- Drug Unit](#), Metro
Nashville Police Department- Crime
Laboratory Division, Nashville,
TN, Expires: July 14, 2014

Students will then gain hands on experience looking at both natural and man-made fibers under the microscopy and analyzing them using thermal microscopy and FTIR. Students will also be introduced to the notions on evidence interpretation as well as the Bayesian approach.

Dates: July 15-17, 2014

Instructor: Patrick Buzzini, PhD

Location: Oglebay Hall- Downtown Campus

Forensic GC/MS Workshop

Attendees will develop the ability to understand, carry out, and interpret mass spectrometric analyses in a crime laboratory setting. Attendees will also learn how to maintain and troubleshoot common problems with instrumentation. This course is geared toward those with solid scientific or technical background.

Dates: July 15-17, 2014

Instructor: Patrick Buzzini, PhD

Location: Oglebay Hall- Downtown Campus

Characterization and Comparison of Dyed Fibers

This course will introduce students to the forensic examination of dyed fiber evidence. The course will cover background information on dyed fibers, polarizing light microscopy, comparison microscopy, dichorism, Raman spectroscopy, Microspectrophotometry and Thin Layer Chromatography (TLC). Students will then gain hands on experience looking at dyed fibers under the microscope and analyzing them using, Raman spectroscopy, Microspectrophotometry, and Thin Layer Chromatography. Students will also be introduced to the notions on evidence interpretation as well as the Bayesian approach.

Dates: July 22-24, 2014

Instructor: Patrick Buzzini, PhD

Location: Oglebay Hall- Downtown Campus

Introduction to Firearm Examination

This training course will cover the basic duties and necessary knowledge for firearm examiners. Hands-on examination of firearm components along with microscopic comparisons and firearm classification will be discussed and demonstrated. This course will give

students a basic understanding of firearm examination techniques and as well as a list of reliable resources to use in a laboratory setting.

Crime scene investigators, evidence technicians and novice firearm examiners who wish to enhance the student's understanding of firearm examinations are encouraged to register for this course.

Dates: July 28-30, 2014

Instructor: Keith Morris, PhD

Location: Oglebay Hall- Downtown Campus

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](#)

[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*.

Cal State Fullerton Certificates in Crime & Forensics. Contact Veronica Martinez at 1-657-278-3123 or see <http://extension.fullerton.edu/professionaldevelopment/Crime-Forensic>.

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>).

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. All of the elements will be reviewed. The standard's applicability, origin, purpose and marketplace will be discussed. Some of the more important concepts will be reviewed such as document control, internal auditing, proficiency testing, traceability and measurement and method witnessing.

[September 22-24, 2014](#), Alexandria, VA

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. Individual elements of the standard will be reviewed; the standard's applicability to forensic police agencies, origin, purpose and marketplace will also be discussed. Some of the more important concepts, such as document control, internal auditing, proficiency testing, traceability and measurement, and method witnessing will be reviewed.

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.

Conferences

August 10-16, 2014: International Association for Identification in Minneapolis, MN. See <http://www.theiai.org/conference/2014/index.php> for more information.

August 11-15, 2014: The [2014 Annual General Meeting](#) of the American Society of Questioned Document Examiners (ASQDE) will be held in Honolulu, Hawaii. The meeting will be a joint meeting with the [Australasian Society of Forensic Document Examiners, Inc.](#)

August 31 – September 4, 2014: 22nd 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 – genomeID forum
In Greenville, NC. See www.advancedforensicsdna.com/corporate/snpforum/ 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 <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