CLM September 29, 2014



President's Message

Dear Colleagues:

SAVE-THE-DATE Announcement from NIST

NIST is excited to share with us the announcement of the International Symposium on Forensic Science Error Management – Detection, Measurement and Mitigation. The international symposium will be convened on July 20-24, 2015 at the Washington Hilton Hotel in Washington, DC.

http://www.nist.gov/forensics/news-save-date-symposium.cfm

They are planning the program and local arrangements for the meeting with a number of international forensic science agency partners and Federal government agency partners. Information about a meeting website will be sent as soon as there are more details about registration and submitting abstracts for platform presentations, posters and panel discussions. Look for more information soon!

Have a good week,

Brady Mills ASCLD President

After several years of persistent, dedicated work by the ASCLD membership, I'm very excited to present the final report for the Forensic Provider Survey. As you may recall, this project was begun in 2010 with the goal of determining the number of forensic science providers in the United States. Although we were able to obtain information from most states, there are still some areas of the country that require some follow up. Nonetheless, this report provides a very good estimate as to the number of current forensic science providers and can be used as a road map for any future work in regards to this topic.

I would like to specifically acknowledge Beth Kroupa and John Collins as primary contributors to this effort. I also would like to thank the staff at RTI for their excellent editing and scheduling persistence. Finally, I would like to recognize all of those who served as state coordinators and volunteered their time to assist with the completion of this project.

http://www.ascld.org/wp-content/uploads/2014/09/ASCLD_FTCOE_Forensic-ServiceProviders_Report_Sept-2014_FINAL-1-1.pdf

Jay Henry, ASCLD Past President

Advocacy Corner

As I mentioned last week, a critical advocacy issue right now is the re-authorization and appropriation of Coverdell funding. Unless Coverdell is re-authorized, it will disappear and cannot have funding appropriated to it each year. Additionally, unless the House recedes to the Senate appropriation of \$12 million, some agreement from \$0 to \$12 must be struck in conference and there's no guarantee of funding at all for FY 2015.

Attached are 3 documents that are very important. First, is a document with instructions on how to contact your Senators and Representatives and what to ask for. The second is a list of talking points to help you discuss the issues with the staffers that you call. Lastly, a general letter has been provided for you to address to your Congressional delegation and request appropriation and re-authorization.

Please take time today to look over these documents and contact your representatives to request re-authorization and appropriation of Coverdell.

http://www.ascld.org/wp-content/uploads/2014/09/FY15-Coverdell-Advocacy-Directions.pdf

http://www.ascld.org/wp-content/uploads/2014/09/FY15-Coverdell-Talking-Points.docx

http://www.ascld.org/wp-content/uploads/2014/09/FY15-Coverdell-funding-requestletter.docx

Have a great week.

-Jeremy Triplett

News Around the Globe

Cracking crime in 90 minutes

Arizona Republic

Instead of waiting weeks or months for the state crime lab, new, automated machines allow officers to test DNA evidence in 90 minutes — a hustle that ...

Whodunit? Mock crime lab set up at library Baxter Bulletin

Stolen items, cell phone records, handwriting analysis, fingerprinting. The public can do their own detective work at the mock crime lab the Donald W.

Viewpoints: New law will fix handling of DNA testing cases Sacramento Bee



Please mark your calendars; the **2015** symposium is April 26th-30th, 2015 at the Washington Marriott Wardman Park, 2660 Woodley Road NW, Washington, D.C. 20008.

If you are interested in serving on the Symposium Planning Committee, please contact President Elect Jody Wolf at jody.wolf@phoenix.gov. On Nov. 24, 2004, a young girl walked along a busy San Diego street. At an underpass, a man came up behind her, grabbed her and told her not to ...

ROCK DOC: Forensic science meets nuclear chemistry

SCNow

But it wasn't until I talked with Nathalie Wall of the chemistry department at Washington State University that I got my head around forensic science that ...

WVSP crime lab: Rape kit backlog a solvable problem

Charleston Gazette

Erin Feazell, supervisor of the West Virginia State Police crime lab's toxicology section, tests alcohol content in blood samples at the lab.

DNA: Is it only used for good?

Nevada Herald

DNA can take longer than other items sent to the crime lab to process, but after some time we did get a response and sure enough, there was a match!

Lured back to forensic science, new lab director ready for challenge in Houston

Houston Chronicle

Just on the short list, Garner helped build a crime lab in Kosovo from scratch, trained more than 1,000 forensic experts in Columbia how to properly ...

Money to Process Rape Kits Falls Victim to Congressional Budget Squabbles

RH Reality Check

After evidence is collected from a victim, the rape kit is ideally sent to local law enforcement for processing and then to a crime lab for testing. The DNA ...

Forensic chemistry could stop African plant thieves

Nature.com

Three of South Africa's 38 species of cycad are already extinct in the wild, and an illegal trade threatens to push more of these rare, slowgrowing ...

Construction progresses on KBI lab at Washburn

Employment Opportunities

Criminalist II (Controlled Substances),

Broward Sheriff's Office, Fort Lauderdale, FL, Expires: October 10, 2014

Latent Print Examiner, Broward Sheriff's Office, Fort Lauderdale, FL, Expires: October 10, 2014

Firearms & Toolmarks Lab Supervisor, Dept. of Human Resources, Cleveland, Ohio, Expires: October 8, 2014

Fingerprints Lab Supervisor, Dept. of Human Resources, Cleveland, Ohio, Expires: October 8, 2014

<u>Forensic Scientist 2 – Fingerprints</u>, Dept. of Human Resources, Cleveland, Ohio, Expires: October 8, 2014

<u>Forensic Scientist 2 – Firearm & Toolmark,</u> Dept. of Human Resources, Cleveland, Ohio, Expires: October 8, 2014

Latent Print Laboratory Director, New York State Division of Criminal Justice Services, Albany, NY, Expires: October 14, 2014

<u>Forensic Scientist III – Latent Print Unit</u>, Scottsdale Police Department, Scottsdale, Az, Expires: October 19, 2014

Forensic Science Technician, Charles County Sheriff, La Plata, Expires: October 3, 2014

<u>Criminalist</u>, Ohio State Highway Patrol Crime Lab, Columbus, OH, Expires: October 31, 2014

Vis Analytic Forensic Toxicology Specialist, UIC, Chicago, IL, Expires: November 15, 2014

<u>Grand Junction Forensic Laboratory-</u> <u>Assistant Director</u>, Colorado Department of

Topeka Capital Journal

This artist's rendering shows what the Kansas Bureau of Investigation Forensic Science Center on the Washburn University campus is expected to ...

CALL7 exclusive: DNA analysis labs across the country testing backlog of Colorado rape kits The Denver Channel

After just the first few hundreds tests, dozens of sexual assault cases have been matched to evidence already in the Combined DNA Index System, ..

Forgotten body parts found at Del. crime lab USA TODAY

WILMINGTON, Del. — A bag of human remains — overlooked and forgotten since 2006 — was discovered in a refrigerator at the Delaware Office of ...

Congress Takes A Step To Tackle The Rape Kit Backlog

ThinkProgress

Gov. Rick Snyder tours the Michigan State Police crime lab in Delta Township, Mich. on Thursday, June 26, 2014 before signing into law timelines and ...

Probe continues into gun theft at Forensic Centre

Trinidad & Tobago Express Acting Police Commissioner Stephen Williams said last month, "The Forensic Centre was responsible for the safe-keeping of the guns. The director of ...

Panel overseeing new Div. of Forensic Science begins work

WDDE 91.1 FM | Delaware's NPR News station Randall Hughes, the acting director of the Division of Forensic Science, ... Hughes also defended those working at the state's crime lab — saying some ..

CSI Brisbane: Queensland's forensic labs spruik for more chemists

ABC Online The state's main forensic testing lab hopes more students who dream of Public Safety, Grand Junction, Expires: October 8, 2014

Forensic DNA Network, Member Manager,

Center for Advanced Forensic DNA Analysis, Greenville, NC, Expires: December 16, 2014

<u>Chemist</u>, Brazoria County S.O., Angleton, Texas, Expires: October 31, 2014

<u>Forensic Chemist / Toxicologist</u>, Brazoria County S.O., Angleton, Texas, Expires: October 31, 2014

Program Director, Forensic Chemical

<u>Science</u>, Washburn University, Topeka, KS, Expires: October 27, 2014

Forensic Science Technician (FSL),

Department of Forensic Sciences (DFS), Washington, D.C., Expires: October 16, 2014

Drug Chemist, City of Fort Worth Police Dept, Fort Worth, TX, Expires: November 14, 2014

<u>Forensic DNA Analyst</u>, Center for Advanced Forensic DNA Analysis, Greenville, NC, Expires: November 28, 2014

Forensic Chemical Science Program Director, Washburn University, Topeka, Kansas, Expires: October 20, 2014

Director of Forensic Investigations, Harris County Institute of Forensic Sciences, Houston, Texas, Expires: November 21, 2014

<u>Forensic Scientist – DNA Analyst (Parttime, Grant Funded)</u>, DuPage County Forensic Science Center, Wheaton, IL, Expires: October 17, 2014

Forensic Management Analyst, Harris County Institute of Forensic Sciences, Houston, Texas, Expires: November 14, 2014 becoming crime scene investigators study chemistry to help keep Queensland ...

FBI Plans Rapid DNA Dragnets

Nextgov

The FBI is preparing to accelerate the collection of DNA profiles for the ... So-called rapid DNA systems can draw up a profile in about 90 minutes.

Hamilton County morgue and crime lab cramped quarters

WKRC TV Cincinnati

Since 2011 there have been concerns about lack of space for DNA analysts. The morgue's ... County commissioners said a crime lab is a top priority

DNA blunders mean murderers and rapists could have convictions overturned: Home Office admits ...

Daily Mail

Rapists and murderers may be able to challenge their convictions after the Home Office admitted juries may have been misled by subjective DNA ..

Douglas County Board OKs shared crime lab deal

Omaha World-Herald

A proposal for Douglas County and the City of Omaha to share some crime lab services cleared its first hurdle Tuesday. With no discussion, the ...

WSAZ INVESTIGATES: Funding Boosts for WVSP Forensic Lab Not Enough to Reduce Case ... WSAZ-TV



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

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

Sheriff's Forensic Services Bureau Manager II, Ventura County Sheriff, Ventura, CA, Expires: September 30, 2014

DNA Analyst III, Harris County Institute of Forensic Sciences, Houston, Texas, Expires: September 30, 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

<u>Quality Specialist</u>, Houston Forensic Science Center, Houston, TX, Expires: September 30, 2014

DNA Technical Leader, Idaho State Police, Meridian, Idaho, Expires: December 12, 2014



REGISTRATION IS NOW OPEN: <u>Bode's</u> <u>2014 DNA Technical Conferences</u>, providing DNA training on the latest techniques and technologies to the forensic scientific community. Advanced Topics for Human Identification & Data Interpretation December 2-5, 2015 | Philadelphia, PA

This 4 day course will offer training for forensic biologists and technicians involved in testing and testimony for forensic human identification. Each day will focus on issues of current interest in the field and conclude with an open dialogue panel discussion. Topics Include: Current issues with variability in the interpretation of complex mixtures, designing internal validation studies and interpretation guidelines, alternate approaches to mixture interpretation for challenging samples, evaluation of statistical models for mixed sample sources, and the use of novel techniques. Distinguished faculty include: John Butler, PhD, Niels Morling, MD, DMSc, Michael Coble, PhD, Charles Brenner, PhD, Charlotte Word, PhD, and other forensic biology professionals. Register today: <u>www.ForensicBio.Eventbrite.com</u> Learn more: www.ForensicScienceEducation.org

It's all because of a massive backlog of cases at the state's only full service forensic lab at the West Virginia State Police Headquarters in South.



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

Triple quadrupole GC/MS/MS has emerged as a powerful technique for trace-level analysis of drug residues. Shimadzu's GCMS-TQ8030,

<u>Bode Technology</u> provides advanced forensic solutions offering crime labs ways to reduce their workloads and budgets.

Bode's solutions include <u>BodeDirect[™]</u> <u>Outsourcing</u> and <u>Same-Day DNA Service[™]</u>, and the <u>Bode Buccal DNA Collector[™]</u>, 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 <u>www.bodetech.com</u> or email bode.service@bodetech.com for more information.



Forensic Magazine® is the leading source of information on all aspects of forensic science technology, trends, equipment,

providing exceptional sensitivity, selectivity, and specificity for detection and quantitation of targeted drugs in the presence of background interferences, is the most powerful choice for your toxicological applications.

Key features include:

- MRM and simultaneous Scan/MRM acquisition modes
- Ultrafast 600 MRM transitions/sec
- True scan speed of 20,000 u/sec
- Fully optimized collision energy for each MRM transition
- Single software platform for all Shimadzu GCMS
- Front-access source for easy maintenance

Learn more. Visit <u>http://www.ssi.shimadzu.com/ASCLD</u>

Forensic Training

For many years RTI International, which hosts NIJ's Forensic Science Technology Center of Excellence, has offered a number of live and ondemand training courses free of charge. On October 1,2014 RTI will begin charging nominal course registration fees for content.

Once registered, you will have a 90-day period to access as much on-demand content for that course as you desire and revisit the training as often as you like.

To view a list of affected course, visit the <u>All</u> <u>Courses webpage</u> and search for "RTI 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 <u>www.forensicmag.com</u>



As the innovative market and technology leader, QIAGEN creates sample and assay technologies that enable access to content from any biological sample.

Our mission is to enable our customers to achieve outstanding success and breakthroughs in life sciences, applied testing, pharma, and molecular diagnostics. We thereby make improvements in life possible.

Our commitment to the markets, customers, and patients we serve drives our innovation and

International" in both "Scheduled Event" and "On-Demand" course list.

California Clinical Forensic Medical Training Center has partnered with the California District Attorney's Association to offer the below listed webinars. Please click the <u>here</u> for additional information.

Touch DNA in Sexual Assault Cases: Practical Considerations and Unanswered Questions Date: September 30, 2014 Time: 12:00 pm— 1:30 pm

George Mason University's Office of Continuing Professional Education in Virginia is hosting a 2day 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. leadership in all areas where our sample and assay technologies are required.

The exceptional talent, skill, and passion of our employees are key to QIAGEN's excellence, success and value.

Accreditation Training

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.

American Association for Laboratory Accreditation (A2LA)

A2LA's Training Program provides a variety of courses designed to help organizations achieve and maintain accreditation to international standards

ANSI-ASQ National Accreditation Board/FQS

FQS is a member of the ANSI-ASQ National Accreditation Board family of brands. FQS 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. Please visit our course page at <u>http://www.ocpe.gmu.edu/programs/legal/cold_c</u> <u>ase.php</u> for more information on this exciting opportunity to learn from two of the top forensic scientists in the country!

Forensics@NIST 2014 to take place Dec. 3-4 in Gaithersburg, Md.

ASCLD Webinars:

Links to these webinars can also be found on the ASCLD <u>Training Opportunities</u> 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



The Center for Advanced Forensic DNA Analysis (CAFDA) would like to thank all the attendees that came to their Genome ID Forum 2014 - Emerging Forensic Genomic Applications held on September 9 and 10, 2014 in Greenville, North Carolina. Thought leaders from forensic science, research, academia, law enforcement, legal and technology development came together for an open dialogue regarding emerging science and technology applications and adoption through the forensic community. Over 65 forensic scientists, lawyers and researchers across the United States and England attended to discuss the implementation of new technologies and scientific applications in forensic human identification, new challenges in adoption, compliance and acceptance in a court of law. The presentations focused on research on emerging science and technology and the effect these emerging science and technology applications may have on forensic science practitioners. The program included thoughtful roundtable discussions that provided a meaningful exchange of ideas related to the direction of the forensic community concerning emerging technologies. The Center for Advanced Forensic DNA Analysis[™] plans for the 2015 Genome ID Forum have already begun.

Cal State Fullerton Certificates in Crime &

Forensics.

Computer Forensics I is a hybrid program with a combination of traditional face-to-face and online courses. The program includes hands-on experience using EnCase, the industry standard in computer forensic investigation technology, and Forensic Toolkit (FTK), a suite of technologies used to perform forensic examinations of computer systems.

Forensic Conferences

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 6-8, 2014: 3rd International Conference on Forensic Research and Technology in San Antonio, TX.

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/annualtraining-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

May 18-22, 2015 Mid-Atlantic Association of Forensic Scientists in Cambridge, MD. See http://www.maafs.org/#!annual-meeting for more information.

May 24-29, 2015: The Association of Firearm and Tool Mark Examiners (AFTE) in Dallas, TX.

July 20-24, 2015: <u>NIST to Host International</u> <u>Symposium on Forensic Science Error</u> <u>Management</u> in Gaithersburg, MD.

August 2-8, 2015:100th International Association for Identification (IAI) in Sacramento, CA.

August 8-13, 2015: The 2015 Annual General Meeting of the American Society of Questioned Document Examiners (ASQDE) will be held in Toronto, Canada.

September 18-23, 2016: 23nd International Symposium on the Forensic Sciences (ANZFSS) in Auckland, New Zealand.