President Message

Leadership Academy 2016

Registration for the Leadership Academy 2016 has opened. Click here to additional information about the Leadership Academy, as well as the links for registration at the end.

Registration for the Leadership Academy 2016 also includes registration for the ASCLD Symposium. Attending the symposium is a great way to maximize your leadership training opportunities.

Any questions, please email or give a call to Director Kris Deters at Kristine.deters@state.mn.us and 651-793-2994. Additional information about the symposium is also located on the ASCLD Symposium website www.ascldsosymp.com.

Briggs White Award Nominations

It is that time of year to submit nominations for the prestigious Briggs White Award. The award was established at the direction of past President Bill Hartner to recognize an ASCLD member, past or present, who demonstrated managerial excellence in forensic science. Nominations are being accepted and a recommendation from the committee will be forwarded to the Board of Directors. If the Board concurs with the committee’s recommendation, the award plaque will be presented at the annual banquet. Please submit nominations through the ASCLD website by February 1, 2016 to be considered at this year’s symposium.

Nominations for the Board of Directors are now being accepted and will be voted on by the membership during the business meeting at the upcoming symposium in April 2016 in Bellevue WA. There will be three (3) vacancies to fill this year. If you are interested in getting more involved in the organization, this is a great way to do so. Please email your nominations to cecilia.doyle@isp.state.il.us by February 1,
“Train the Directors” Webinar Series

ASCLD’s Training and Education Committee is hosting a webinar series titled: ASCLD “Train the Directors” Webinar Series. The series will consist of presentations on six forensic disciplines: Firearms, Toxicology, Controlled Substances, Digital and Multimedia Evidence, Latent Prints and DNA. The goal of the webinar series is to provide education to Directors and Supervisors who may not have performed work in or supervised those disciplines. Each webinar will provide a basic overview of the analysis performed in the discipline. It will also discuss discipline specific administrative/managerial challenges and address current issues and/or challenges facing the forensic science community in the discipline. The webinars will be held Thursdays at 1:00 PM ET from January 14 to February 18, 2016.

- The January 28 webinar will be on the Controlled Substances discipline and the speakers will be Nancy Crump, Assistant Crime Lab Administrator, and Roger Schneider, Controlled Substances Supervisor, for Phoenix Police Department. Click here to register.
- The February 4 Digital Multimedia Evidence (DME) speakers will be Rhesa Gilliland, Assistant Lab Director and Charlotte Ware, Laboratory Unit Manager of the Digital Evidence Unit, U. S. Postal Inspection. Click here to register.
- The February 11 Latent Prints webinar speaker will be Ken Martin, CFSO Rep for IAI, retired Lt. Detective from Boston PD. Click here to register.
- The February 18 DNA webinar speakers will be Kris Deters, Forensic Science Supervisor, and Catherine Knutson, Deputy Superintendent of Forensic Science Services, of the Minnesota Bureau of Criminal Apprehension. Click here to register.

The archived webinars are available in the links at the bottom of the Forensic Training column.
News Around the Globe

Investigating a Career in Forensic Science
Huffington Post
While dramatic programs depict forensic scientists spending their days investigating crime scenes, most of the actual work is done in the laboratory, ...

DC Court of Appeals judge faults overstated forensic gun-match claims
Washington Post
Claims that forensic experts can match a bullet or shell casing found at a crime ... But it continues a nationwide push for heightened scrutiny of forensic ... policy barring those 100 percent conclusions in firearms examination cases ...

Forensic Training

West Virginia University

Lean Six Sigma Green Belt Certification for Forensic Professionals.
The program begins March 22, 2016. It consists of a series of 16 2-hour long webinars delivered over the course of 24 weeks and concluding with a one day face to face finale in Pittsburgh, PA.
Click here for registration and additional information.

Forensic Management Academy.
Those interested in improving their individual and organizational knowledge of contemporary business practice as it applies to forensics should apply now, space is limited. Training will occur August 28- September 2, 2016 in Pittsburgh, PA at the Hyatt Regency Pittsburgh Airport
Click here for registration and additional information.

National Center for Forensic Science

Basic Fire Debris Analysis
February 1 – 28, 2016
Four week course offered through the Web.
$750.00
Click here for course description.
Click here for registration.

Advanced Fire Debris Analysis
March 14 – May 1, 2016
Six week course offered through the Web.
$750.00
Click here for course description.
Click here for registration link.

March 14-18 2016 the Maryland State Police will be hosting a the Forensic Management Academy presented by West Virginia University. This one week premier business program was designed for forensic professionals to strengthen their management competencies and be
Working to move beyond troubled past at Houston's crime lab
KPRC Houston
HOUSTON - The Houston Forensic Science Center processes between 24,000 and 25,000 requests a year. The requests entail analyzing and testing ...

New $9M Nebraska crime lab — twice the size of the old one — called 'a dramatic improvement'
Omaha World-Herald
Kent Weber, a forensic lab supervisor at the state crime lab, demonstrates how a firearm is shot into a "bullet recovery tank" to provide a sample bullet ...

Peep 3D Portrait Masks Created From Chelsea Manning's DNA In London
Papermag
Aptly dubbed "Radical Love", the portrait mask was generated from samples of Manning's DNA using a technique called "forensic DNA phenotyping," ...

Astorino $9.3 Million Upgrade to Westchester Police Academy, Crime Lab
Talk of the Sound
It is about ensuring that our crime lab has the sophisticated tools and technology to meet the evolving demands of modern-day policing. It is about ...

Faculty Senate approves majors
BG News
"This allows us really to take full advantage of the truly unique opportunity we have at BGSU with a state crime lab on our campus," John Cable, ...

Unitedpac urges Minister to deliver on forensic lab
St. Lucia Times Online News (press release)
CASTRIES, Saint Lucia – Wednesday, January 20, 2016 – On Monday 18th January 2016 Crime Chief Milton Desir received a donation of a crime ...

Bill would require DNA swabs after some arrests
KING5.com
Under a proposed law, anyone arrested for "crimes against persons" would have to surrender a DNA sample to the state's crime lab. Current state law ...

to be better prepared to meet the increasing demands of forensic laboratories. Contact Martina Bison-Huckaby at martina.bison-huckaby@mail.wvu.edu or (304)293-7926 for additional information.

The course registration is $2,250 and the enrollment link is http://wvu.qualtrics.com/SE/?SID=SV_41L3klo749uz3pz

Ron Smith & Associates Training

February 2016

Essential Ridgeology Concepts
Location: Bourne, MA
Class Dates: 02-08-2016 thru 02-12-2016
Tuition: $600.00 | Hours: 40

Forensic Examination of Violent Crime Scenes
Location: Cumming, GA
Class Dates: 02-16-2016 thru 02-18-2016
Tuition: $400.00 | Hours: 24

Fundamentals of Crime Scene Examination and Evidence Collection
Location: Grand Forks, ND
Class Dates: 02-22-2016 thru 02-26-2016
Tuition: $600.00 | Hours: 40

March 2016

Scientific Analysis (ACE-V): From the Laboratory to the Witness Stand
Location: Dallas, TX
Class Dates: 03-07-2016 thru 03-11-2016
Tuition: $600.00 | Hours: 40

Introduction to the Science of Friction Ridge Examination
Location: Melbourne, FL
Class Dates: 03-21-2016 thru 03-25-2016
Tuition: $600.00 | Hours: 40

Palm Print Comparison Techniques
Location: Bethlehem, PA
Class Dates: 03-22-2016 thru 03-24-2016
Tuition: $400.00 | Hours: 24

National Latent Print Examiner Training Academy
Commonwealth Connections Academy hosts forensic science event
Scranton Times-Tribune
Commonwealth Connections Academy hosts forensic science event ... scene class where students analyze forensic evidence to solve mock crimes.

Software to match fingerprints alters investigations in Sri Lanka
Livemint
This enables fingerprint experts to clean up and enhance latent prints which are found at crime scenes before placing them for matching. These tools ...

State crime lab makes headway in testing thousands of Code-R kits statewide
fox13now.com
SALT LAKE CITY — The Utah Bureau of Forensic Services Crime lab continues to make headway as a special committee works to complete testing on ...

Nashville crime lab uses national database to stop gun violence
WATE 6 On Your Side
NASHVILLE, Tenn. (WKRN) – Inside Metro Nashville Police's Crime Lab there is a special section that takes the evidence left behind at shooting ...

Forensic scientists blast State Police crime lab THC policy as man fights to get son back
Michigan Radio
The couple has been fighting to be reunited with their son Dante since Max was charged with possessing synthetic THC – a charge some forensic ...

Untested Grady Memorial Hospital rape kits slated for DNA analysis
Atlanta Journal Constitution (blog)
GBI struck an agreement with an outside lab to test the kits for about $900 each, crime lab director George Herrin told AJC reporter Rhonda Cook.

Testing times for forensic science lab
The Hindu

April 24, 2016 – September 23, 2016

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. It is scheduled to begin April 24, 2016 in 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 application.

National Footwear & Tire Track Training Academy

Coming Fall 2016

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 Fall of 2016 in Hattiesburg, MS at the Camp Shelby Joint Forces Training Center. Only 20 academy applicants will be selected to attend. For 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 and 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.

New courses and class locations are added daily so be sure to check the website at: www.RonSmithandAssociates.com/Training
The Forensic Science Laboratory was established in 2013 under the Police ... Government to expedite the establishment of DNA and Chemistry divisions is ... Due to want of facilities cases that required forensic testing are sent to ...

**Law enforcement, prosecutors frustrated with state forensic backlog**
Anniston Star
Rena Motes-Garmon, a forensic science specialist, describes the .... Denham became chief, he worked in the Anniston Police Department's crime lab.

**Modern Forensic Techniques Applied to Ancient Remains**
New Historian
Modern investigative techniques used by forensic anthropologists to examine the remains of victims of crime can be adapted for the use of biological ...

**New police lab looks for patterns to predict criminal behavior**
News Talk 650 CKOM
A new police lab in Saskatoon is the first of its kind in Canada to use statistical data to predict criminal behavior. It's not what people typically picture ...

**Lawmakers weigh expanding DNA collection**
WRAL.com
... armed robberies, as well as more than 100 lesser crimes over the past few years, State Crime Lab officials told a legislative oversight committee on ...

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**Houston Forensic Science Center**

**February:**
Crime Scene Investigation class will provide participants with hands-on instruction in a unique training environment, a house specifically designed to teach such courses. Click here for details.

One-day Sig Sauer Pistols. Armorer Certification. Click here for details.

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**On-demand Webcast: The Public Health Challenge of Synthetic Cannabinoids**

This one day symposium, recorded live on September 30th, 2015, addresses different aspects of synthetic cannabinoid use, including pharmacology, clinical symptoms, assessment and treatment of synthetic cannabinoid use and laboratory testing related to these compounds. Click here for additional information.

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**The Forensic Technology Center of Excellence Presents ASCLD: FBI Allele Frequency Amendments - Technical Discussion**

On-Demand (Approximately 75 Minutes)

Click here for registration information.

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

**ASCLD Train the Directors Firearms Webinar - Archival**

**False-Positive/Negative Error Rates in Cartridge Case Comparisons**

**ASCLD Rapid DNA Webinar 1 – Archival**

**Version ASCLD Rapid DNA Webinar 2 – Archival**

Version ASCLD
enforcement applications.

## Employment Opportunities

**LIMS Administrator**, St. Louis County Police Crime Laboratory, Clayton, MO, Expires: May 26, 2016

**Tenure Track (Open Rank) Professor, Director of Forensic Studies**, University of Baltimore, Baltimore, MD, Expires: March 16, 2016


**Experienced Latent Print Examiner**, Houston Forensic Science Center, Houston, TX, Expires: March 31, 2016

**Experience Crime Scene Investigator**, Houston Forensic Science Center, Houston, TX, Expires: March 31, 2016

**Technical Lead – Forensic Biology**, Houston Forensic Science Center, Houston, TX, Expires: March 31, 2016

**Manager – Forensic Biology**, Houston Forensic Science Center, Houston, TX, Expires: March 31, 2016

**Forensic Analyst – Toxicology**, Houston Forensic Science Center, Houston, TX, Expires: March 31, 2016

**Forensic Scientist – Breath Alcohol**, Virginia Dept. of Forensic Science, Richmond, VA, Expires: January 27, 2016

**Assistant Professor in Forensic Chemistry**, Prairie View A&M University, Prairie View, TX, Expires: March 31, 2016


**Forensic Scientist I – Biology DNA Databank**, Kansas Bureau of Investigation Forensic Science Laboratory, Topeka, Kansas, Expires: February 8, 2016

**Forensic Scientist I, II or III – Biology/DNA Casework**, Kansas Bureau of Investigation Forensic Science Laboratory, Topeka, Kansas, Expires: February 8, 2016

**Assistant/Associate Professor in Forensic Science Department**, University of New Haven, West Haven, CT, Expires: April 7, 2016

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### Research Reports

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

**Trace DNA from Fingernails: Increasing the Success Rate of Widely Collected Forensic Evidence**

In hospitals and medical examiner offices across the country, evidence collected from assault victims routinely includes fingernail evidence. The researchers in this study note that while there are long-standing methods used to collect samples – clipping the nail, swabbing and scraping beneath the nail – there have been minimal efforts to optimize or standardize methods for collecting, processing, and analyzing nail evidence. The researchers examined the effectiveness of several collection methods.

**Examining Shell Casings in 3D**

Researchers investigated and developed a novel, accurate, and low-cost system for structural 3D imaging and comparison of cartridge cases. The project was designed to: 1) extend the base system to capture, extract, and compare striated toolmarks, 2) develop a statistical confidence scoring model incorporating breech-face impression and primer shear marks, and 3) investigate algorithms for cross-modality matching between GelSight and confocal microscopy scans. The project demonstrated that cross-modality matching is possible and able to accurately identify known matches with GelSight or confocal scanning systems.

**Comprehensive Crime Scene Imaging**

Imaging possible evidence at a crime scene, including inks, chemical solvent stains, blood, saliva, and latent prints, currently requires a variety of techniques that are time-consuming and logistically difficult. Researchers addressed the problem by developing a prototype camera with modes that include multispectral, fluorescence and polarization imaging.
Chemist, Brazoria County Sheriff's Office, Angleton, Texas, Expires: January 31, 2016

Forensic Scientist III – Controlled Substance Unit, City of Scottsdale, Scottsdale, AZ, Expires: January 24, 2016

Criminalist Trainee/I/II (recruiting for one position – open at all levels), Washoe County Sheriff's Office Forensic Science Division, Reno, Expires: February 1, 2016

Forensic Science Expertise Opportunities (DNA, Toxicology/Chemistry, Toolmarks/ Firearms, & Latent Prints), National Forensic Science Technology Center, Atlanta, GA and/or various OCONUS locations based on government requirements, Expires: March 11, 2016

Assistant/Associate Professor of Forensic Science, Department of Forensic Science, College of Criminal Justice, Sam Houston State University, Huntsville, Texas, Expires: December 31, 2016


Forensic Scientist – Firearm Examiner, Fort Worth Police Crime Laboratory, Fort Worth, Texas, Expires: March 8, 2016

Postdoctoral Research Associate – Genomics, University of Illinois at Chicago, Chicago, Illinois, Expires: March 1, 2016


Laboratory Manager I – Forensic Chemistry Unit, Delaware Division of Forensic Science, Wilmington, DE, Expires: February 27, 2016

The Center for Forensic Science Research & Education presents its 4th annual in-depth course in interpretive postmortem toxicology. This is one of the most challenging areas of forensic science, given the complex range of considerations that need to be applied in performing analysis, and reporting and interpreting results. Factors from choice of samples, collections tubes, postmortem redistribution, analytical approach, drug-drug interactions and tolerance all play a part in providing accurate and reliable interpretive input for the pathologist or medical examiner.

Register today: http://forensicscienceeducation.org/postmortem-interpretive-toxicology/

Learn more: www.ForensicScienceEducation.org/FBioCourse

Shimadzu’s triple quad GCMS-TQ8040, 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. It enables the analysis of more than 400 compounds in one run, and features automatic method creation, scan/SIM acquisition mode, and an MRM optimization tool.
The Smart Forensic Database includes hundreds of compounds with optimized transitions and collision energies, CAS registry numbers and retention indices (RI). The database supports simultaneous high-sensitivity analysis of samples using GC-MS/MS, eliminating the need to configure complicated analysis conditions.

Forensic Conferences


March 14-15, 2016: Genetics in Forensics Congress – London

April 3-8, 2016: International Association for Chemical Testing – Orlando, FL

May 5-7, 2016: 2nd Annual Middle East Congress of the International Association of Law and Forensic Sciences (IALFS) – Istanbul, Turkey

May 16-20, 2016: Canadian Society of Forensic Science – Montreal, Canada

May 17-20, 2016: Mid-Atlantic Association of Forensic Scientist (MAAFS) – Richmond, VA

May 28-June 3, 2016: The Association of Firearm and Tool Mark Examiners – New Orleans, LA

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

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.

Bode Cellmark Forensics provides advanced forensic solutions offering crime labs ways to reduce their workloads and budgets.

Bode’s newest offerings include: Bode’s Annual DNA & Investigators Conference, November 9-12, 2015 in Old Town Alexandria,
providing DNA training on the latest techniques and technologies to the forensic scientific community.

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.

Accreditation Training

ANSI-ASQ National Accreditation Board (ANAB) ANAB is a member of the ANSI-ASQ National Accreditation Board family of brands. 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 Workshop for Forensic Police Agencies
Cost: ASQ member $600, non-ASQ member $650

ISO/IEC 17025 and Audit Preparation Workshop for Forensic Test Agencies
Cost: ASQ member $750, non-ASQ member $800

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

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.

**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 provides a variety of courses designed to help organizations achieve and maintain accreditation to international standards.