Dear Colleagues,

I am very pleased to announce the opening of registration for the 2018 Leadership Academy. To ensure top quality instruction, student interaction and optimal student to teacher ratio, spots in the course are limited. As with previous years, we anticipate the course will fill quickly. Therefore, don’t delay in registering as an up and coming crime lab leader at: https://www.regonline.com/ASCLDSymposium2018.

Twelve weekly, online webinars will be offered from February to April, 2018 and will cover a wide range of essential leadership topics for forensic science supervisors and managers. Topics include leadership, transition from peer to management, conflict management, cultural change, communication, lab operations, as well as strategic, process, performance, quality, HR, legal and customer/stakeholder management. The Academy will then finish with two intensive days of on-site, hands-on instruction at the ASCLD symposium in Atlanta, Georgia, May 20-21, 2018.

The 2018 Academy will again focus on providing quality instruction to new supervisors in the forensic science field and supervisors who have previously had limited opportunity for structured forensic management education and training. Between affordable registration costs and high quality instructors, ASCLD is confident that laboratories will see a valuable return on investment in a time when training budgets are lean across the US. The Leadership Academy is an exciting opportunity for lab leadership to hone their management skills. Please check it out. For questions/additional information please email Tim Scanlan, the Chair of the Training Committee, at tim.scanlan@ascld.org.

Ray Wickenheiser
ASCLD President
ASCLD LEADERSHIP ACADEMY

REGISTRATION IS NOW OPEN for the 5th annual ASCLD Leadership Academy to be held in Spring 2018. Twelve weekly, online webinars will be offered from February to April and will cover a wide range of essential leadership topics for forensic science supervisors and managers. The Academy will then finish with two intensive days of on-site, hands-on instruction at the ASCLD symposium in Atlanta, Georgia.

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2018 Academy Calendar

LEADERSHIP – Ben Swanholm
February 22 – Leadership
March 1 – Leadership
March 8 – Transition from Peer to Supervisor and Conflict Management
March 15 – Cultural Change and Self-Leadership

COMMUNICATION – Col. Tim Scanlan
March 22 – Communication Styles
March 29 – Personality and Conflict Management
April 5 – Team Building
April 12 – Communication as a Leadership Tool for Laboratory Issues

Laboratory Operations – Jody Wolf & Jeremy Triplett
April 19 – Strategic Management
April 26 – Process & Performance Management
May 3 – Quality Management & HR/Legal Management
May 10 – Customer/Stakeholder Management

CAPSTONE
May 20 – 21, 2017: In-person workshop at the 2017 ASCLD Symposium, Atlanta, Georgia

For additional information or to register for the academy, please go to http://www.ascld.org/meetings-and-training/ascld-leadership-academy/
ARIZONA’S COLD CASE CONFERENCE

This cutting edge two-day seminar will provide practitioners with a comprehensive overview of cold case homicide investigations. Local and national experts’ presentations designed for detectives, prosecutors, and lab analysts who work forensic cases. The seminar includes relevant case studies, methodologies, cutting-edge DNA technology and techniques. Discover successful ways to approach victims and suspects in cold cases. Learn how the Maricopa County Attorney’s Office Cold Case detectives and prosecutors can work with law enforcement to ensure successful prosecution.

Date: February 5 – 6, 2018
Time: 7:30 a.m. – 5:00 p.m. each day
Location: Black Canyon Conference Center
9440 N. 25th Avenue
Phoenix, AZ 85021

To Register: azhia.com/training.html
Seating is Limited
Dear Forensic Science Professionals,


The topic of “bias” and its implications for forensic practice has been hotly debated and researched in forensic and academic circles over the last decade. The 2009 National Academy of Sciences (NAS) report on the state of forensic science in the USA and the 2016 President’s Council of Advisors on Science and Technology (PCAST) report on forensic science recommend that forensic practitioners address issues relating to bias in forensic science and provide evidence to the fact finder that they have done so.

This workshop uses engaging and innovative mixtures of lectures, case examples, and practical activities to educate participants on the theoretical concepts and practical implications of bias within forensic science. Participants will receive instruction on the various types of bias, how to identify its presence, how to mitigate...
its influence, methods on how to sequentially unmask data, procedures used to identify task-relevant information, concepts for the appropriate management of case-specific contextual information and how to appropriately document critical decision pathways.

This workshop is primarily aimed at forensic science practitioners both scene or laboratory based, especially those involved in the early identification, collection and interpretation of evidence. It is however designed to benefit anyone who produces, uses or relies upon forensic science for decision making purposes within the justice system, including judges, district attorneys, defense lawyers, and detectives.

The workshop is $395 per person.

For registration, please visit: http://www.cedarcrest.edu/forensic/18/2.htm

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**45th Annual ASCLD Symposium**

Advancing Forensic Science requires leadership, which includes taking initiative, motivating employees, and applying resources creatively to the complex problems presented by today's forensic casework and issues. Leaders lead by example and encouragement, building on success and learning from their past experiences and that of others.

Please join us in Atlanta, Georgia, May 20-24th for the 2018 ASCLD Symposium where you will learn about exciting initiatives to advance forensic science. New and experienced managers and directors will be presented with innovative tools to sharpen their leadership skills. Presentations from experts and leaders, both inside and outside the forensic science community, will cover various aspects of leadership. Our goal is to invigorate you with techniques and information to increase your leadership capacity in both life and occupation.

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**Hotel Information**

**Atlanta Marriott Marquis**

Located in the heart of downtown Atlanta, within walking distance to renowned Atlanta attractions including the Georgia Aquarium, World of Coca-Cola and College Football Hall of Fame, the Atlanta Marriott Marquis is unparalleled in its splendor and convenience.

The Indoor MARTA access provides fast rail access to the Hartsfield-Jackson Atlanta International Airport, while the downtown location offers first-class opportunities for experiencing Atlanta.

During your stay, enjoy the iconic cocktail lounge Pulse, dine at the unique restaurants including Sear and High Velocity, and pamper yourself in the state-of-the-art full service spa.

265 Peachtree Center Avenue
Atlanta, GA 30303
(404) 521-0000

**Hotel Rate**

- The room rate for this event is **$135.00** plus taxes and fees
- The contracted rate will be available until 5 PM EST, Friday, April 27, 2018

**Reservation Process**

**Online:**

- Click here to book your hotel reservation

**Phone:**

- Please contact the reservations desk at (404) 521-0000
- Make sure that you reference that you are attending the ASCLD Symposium

The room rate cut-off date is 5 PM, EST, Friday, April 27, 2018.

Last year the room block sold out early, so dont delay in making your hotel reservations!
Make your Reservation - https://aws.passkey.com/event/49236454/owner/321/home
https://www.ascldsymposium.com/education

Before the show, get caught up on the latest news: http://www.evidencemagazine.com/

Thank you to our 2018 Symposium Sponsors and Exhibitors!

JOB OPPORTUNITIES (Hiring now)

Due to an recent upgrade with the newsletter software, visit http://www.ascld.org/jobs2 to link and view details about job announcements listed below.

- Biometric Records Manager (A.F.I.S – Automated Fingerprint Identification System), Pinellas County Sheriff’s Office, Largo, Florida, Expires: March 1, 2018
- Faculty Position in the MS Program in Biomedical Forensic Sciences, Boston University School of Medicine, Boston, MA, Expires: April 10, 2018
- Forensic Scientist (Biology), Center for Forensic Sciences, Syracuse, Expires: February 2, 2018
- Forensic Chemist III, NMS Labs, Fayetteville, NC, Expires: April 1, 2018
- Forensic Specialist, City of Santa Monica, Santa Monica, CA, Expires: January 26, 2018
- Latent Fingerprint Examiner, MIAMI-DADE POLICE DEPARTMENT (MDPD), Doral, Florida, Expires:
January 25, 2018

- **Forensic Chemist**, Georgia Bureau of Investigation, Decatur, Expires: February 28, 2018
- **Forensic Biologist – Crime Lab Scientist**, Georgia Bureau of Investigation, Decatur, GA & Moultrie, GA, Expires: February 28, 2018
- **Forensic Scientist – Drug Chemistry**, Sedgwick County, Wichita, Kansas, Expires: January 26, 2018
- **Assistant/Associate/Full Professor in Forensic Science**, Arizona State University, Glendale, Arizona, Expires: January 31, 2018
- **Assistant/Associate Professor**, University of New Haven, West Haven, Connecticut, Expires: February 8, 2018
- **Assistant Biometric Records Manager**, Pinellas County Sheriff’s Office, Largo, Florida, Expires: February 8, 2018
- **Assistant/Associate Professor**, University of New Haven, West Haven, Connecticut, Expires: February 8, 2018
- **Forensic Chemist**, InCadence Strategic Solutions, Forest Park, GA, Expires: January 31, 2018
- **Forensic Scientist I-Firearms/Toolmarks/Ballistics**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist II-Firearms/Toolmarks/Ballistics**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist III-Firearms/Toolmarks/Ballistics**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist IV-Firearms/Toolmarks/Ballistics**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist I-Trace Evidence**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist I-Trace Evidence**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist II-Trace Evidence**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist III-Trace Evidence**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist IV-Trace Evidence**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist Trainee-Chemistry/Controlled Substances**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist Trainee-Firearms/Toolmarks/Ballistics**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist Trainee-Latent Prints**, Nassau County Medical Examiner Division of Forensic Services, East Meadow, NY, Expires: February 2, 2018
- **Forensic Scientist Trainee-Trace Evidence**, Nassau County Medical Examiner, East Meadow, NY, Expires: February 2, 2018

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The Need for Safety Officers and a Health and Safety Committee

The elements of a Chemical Hygiene Plan (CHP) have been the subject over the last few weeks. Previous topics have been 1) the need for SOPs (Standard Operating Procedures), 2) Criteria for Implementing Control Measures, 3) requirement to ensure that fume hoods and other protective equipment are functioning properly and identify the specific measures the employer will take to ensure proper and adequate performance of such equipment, and 4) Required Information to be provided to lab personnel working with hazardous substances. This week’s topics are 5) the circumstances under which a particular laboratory operation, procedure or activity requires prior approval from the employer or the employer’s designee before being implemented, and 6) Designation of personnel responsible for implementing the CHP, including the assignment of a Chemical Hygiene Officer and, if appropriate, establishment of a Chemical Hygiene Committee.

5) The circumstances under which a particular laboratory operation, procedure or activity requires prior approval from the employer or the employer’s designee before being implemented. Prior to any new work being conducted in a lab that uses a hazardous chemical, prior approval must be acknowledged. Prior approval would normally come from the Chemical Hygiene Officer (CHO) or Safety Officer in your lab.
Many procedures use chemicals that require special considerations. Additionally, some labs may not have the proper storage or work area for its use. Also, the chemical must be added to the chemical inventory, all personnel who will work with or come in contact to the chemical must read the Safety Data Sheet (SDS).

Having a plan where an employee has read the SDS and understands the hazards by signing a review sheet or some other acknowledgement is a good way to improve compliance. Additionally, ordering and purchasing hazardous chemicals should go through one person or a team so that proper storage locations, policies, and procedures can be appropriate for chemicals ordered.

6) Designation of personnel responsible for implementing the CHP, including the assignment of a Chemical Hygiene Officer (CHO) and, if appropriate, establishment of a Chemical Hygiene Committee. Designating a person, such as a CHO or Safety Officer for day-to-day administration of chemical issues is paramount and crucial for accreditation. A CHO will provide reports at the department Safety Committee meetings on chemical hygiene activities performed. Additionally, a CHO will work with others to develop, review and approve Standard Operating Procedures which detail all aspects of proposed laboratory activities that involve hazardous materials. A Chemical Hygiene Committee, commonly known as a Safety Committee (or Health and Safety) in forensic labs is also a requirement for accreditation. Health and Safety committee members should establish a committee structure and process and develops an action plan for the year that identifies a few priority health and safety issues to work on. The concerns would be addressed at safety committee meetings and the executive management meeting(s).

Jane B. Northup
Quality Assurance Officer
RI State Crime Laboratory
Certified Chemical Hygiene Officer

OSHA 29 CFR 1910.1450

The National Registry of Certified Chemists
http://nrcc6.org/

OSHA Occupational Safety and Health Training

OSHA Fact Sheet:

CHP Template:

Examples of CHPs:
University of California, Santa Barbara: http://www.ehs.ucsb.edu/labsafety-chp
University of Rhode Island: http://web.uri.edu/ehs/files/ChemicalHygienePlan.pdf

Crime Lab Safety Plans:
Raleigh/Wake City County, Bureau of Identification: https://www.forensicmag.com/article/2004/06/osha-and-forensic-laboratory

In 2018, the Forensic Science Training Institute will be offering a week-long course in Advanced Fabrics Bloodstain Pattern Analysis Training on March 19-23.

The class size is limited to twelve, so please register early to ensure your seat.

For registration and full details on the course requirements, visit the Forensic Science Training Institute website here: http://www.cedarcrest.edu/forensic/16/1.htm

Recorded Training:

Episode 9 Podcast!!
Just Blood Spatter

In episode nine of Just Science, funded by the National Institute of Justice’s Forensic Technology Center of Excellence [Award 2016-MU-BX-K110], we spoke with Dr. Marc Smith, from the Georgia Institute of Technology. Dr. Smith's NIJ funded research in blood spatter has connected computational fluid dynamics with empirical studies to improve the understanding of blood spatter
onto solid, slanted surfaces. His work looks at many variables, including droplet size, speed, surface roughness and wettability. Listen and Subscribe HERE.

Subscribe to the channel at:
- Google Play
- iTunes
- Stitcher
- SoundCloud

ASCLD/RTI Backlog Series
Archival versions of the ASCLD/RTI Backlog Series can be found at the following links:
- The Paradox of Backlog Reduction – How Doing Less Can Be Doing More
- Taking the First Steps Toward Backlog Reduction
- Managing Customer Expectations and Education
- How to Increase your Staff without Increasing Budget
- Efficiency Improvements
- Developing a Statewide Approach to Backlog Management
- Case Acceptance Policies and Guidelines

ASCLD/RTI Rapid DNA Series
Archival versions of the ASCLD/RTI Rapid DNA Series can be found at the following links:
- Rapid DNA: The QAS and NDIS
- Rapid DNA: Arizona DPS and Richland County, SC
- Rapid DNA: Booking Stations and CODIS

ASCLD /RTI DNA Standards and Guidelines Webinar Series
SWGDAM Interpretational Guidelines

Proposed Quality Assurance Standards (QAS) changes

Quick Links to ANAB

ANSI-ASQ National Accreditation Board (ANAB)

ANSI-ASQ National Accreditation Board (ANAB) is a member of the ANSI-ASQ National Accreditation Board family of brands and the new home of ASCLD/LAB. 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.

ONLINE
Cost: $200

Forensic ISO/IEC 17025 Internal Auditor Training
February 6-9, 2018
San Diego, CA
Cost: $850

May 8-11, 2018
Cary, NC
Cost: $850

Forensic ISO/IEC 17025 Assessor Training (Testing)
January 8-12, 2018
Largo, FL
Cost: $1,195

April 9-13, 2018
Springfield, VA
Cost: $1,195
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<th>Event</th>
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<td><strong>Practical Applications for Forensic Measurement Confidence</strong></td>
<td>March 13-14, 2018</td>
<td>Alexandria, VA</td>
<td>$600</td>
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<td><strong>Root Cause Analysis for Forensic Service Providers (Web-based)</strong></td>
<td>January 29- February 1, 2018</td>
<td>ONLINE</td>
<td>$395</td>
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<tr>
<td><strong>Forensic Measurement Confidence (Web-based)</strong></td>
<td>January 16-18, 2018</td>
<td>ONLINE</td>
<td>$140 per day, or $395 for all 3 days</td>
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<td><strong>Forensic ISO/IEC 17025 Preparation for Testing Laboratories</strong></td>
<td>January 8-10, 2018</td>
<td>Largo, FL</td>
<td>$695</td>
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<td><strong>ISO/IEC 17020 and Audit Preparation for Forensic Agencies</strong></td>
<td>April 11-12, 2018</td>
<td>San Francisco, CA</td>
<td>Cost: ASQ member $650, non-ASQ member $700</td>
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<td><strong>Forensic ISO/IEC 17020 and Audit Preparation for Forensic Agencies</strong></td>
<td>October 15-16, 2018</td>
<td>Cincinnati, OH</td>
<td>Cost: ASQ member $650, non-ASQ member $700</td>
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<td><strong>Roadmap to Transition: Forensic AR 3028</strong></td>
<td>April 11-12, 2018</td>
<td>San Francisco, CA</td>
<td>Cost: ASQ member $650, non-ASQ member $700</td>
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Web-based courses also available.

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For more information about these workshops, contact training@anab.org or 414-501-5466 for more information. For registration, click the links for each training course above.

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**2018 National Institute of Justice Forensic Science Symposium**

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### Forensic Science in the News

**Forensic Scientists Are Using DNA to Bust Rhino Poachers**
DNA is helping solve a new type of crime scene - linking the DNA of rhino horns confiscated from poachers and traffickers to specific sites where carcasses of the murdered rhinoceroses are found.

**Vanderbilt partners with Italian police to improve forensic techniques**
Vanderbilt recently established a research collaboration with the Italian State Police to improve current scientific techniques for ballistics analysis and other aspects of forensic science.

**Forensic scientist deployed to home of Limerick murder victim**
Gardaí investigating the murder of Martin Clancy in Limerick have requested the services of an expert forensic scientist in the hope of finding DNA belonging to his killer.

**Fascinating story of the first British murderers to be convicted using fingerprint evidence is revealed in book about most notorious killers of last 150 years**
Forensic science was used to help convict brothers Alfred and Albert Stratton of bludgeoning Thomas Farrow, 71, to death during a break-in at his paint suppliers in Deptford, South East London, in February 1905.

**‘Divine intervention’ helped solve Brown’s Chicken Massacre, investigator says**
Hours after the Brown’s Chicken Massacre that claimed the lives of seven fast food employees on January 8, 1993, Homeyer, a forensic investigator, plucked a few chicken bones from the garbage at the crime scene. Maybe the killer or killers left them behind, she thought.

**The Unabomber Case Launched A New Science Using Only Words**
Well before Ted Kaczynski was ever a household name, 150 agents with the FBI, Postal Service and Bureau of
ASCLD Crime Lab Minute January 16, 2018

Alcohol, Tobacco, Firearms and Explosives worked to figure out who he was and why he was killing seemingly random people across the country, through the mail. They didn't have physical clues, so they had to rely on others — specifically, the bomber's written words.

**Scientists Debunk The CSI Effect: TV Shows Don't Make Criminals Smarter**

Ever finished watching an episode of Sherlock or the latest crime-solving thriller like CSI and feel like you have a new perspective into the life of a criminal, and you would obviously avoid the common mistakes they make that land them behind bars?

**Investigators Claim To Have Uncovered The True Identity Of DB Cooper**

The 40-strong team of former FBI agents, forensic scientists, and private investigators claim to have found a secret code within a letter written by the parachuting bandit, revealing his true identity as a 74-year-old Vietnam veteran currently living in San Diego. The new discovery keeps in line with their previous work outlined in the book The Last Master Outlaw.

**State Crime Lab Performs Record Number of Autopsies in 2017**

LITTLE ROCK, Ark. - 2017 broke the record for the number of autopsies performed by the Arkansas State Crime Lab, according to the most recent medical examiner report.

**Crime Lab Backlog Has Family in Limbo**

A recent Mississippi Today report said that three medical examiners in Mississippi each perform 500 to 600 autopsies per year, more than double the number recommended by the National Association of Medical Examiners. Staff at the State Crime Lab is down to 85 from 120, due to state budget cuts.

**Former Bella Vista Officer Arrested, Accused Of Mishandling Evidence**

Bella Vista police had received a phone call from the Arkansas State Crime Lab stating that pills submitted as evidence did not match what was reflected on the submit form, according to the probable cause affidavit.

**San Diego Struggles With 558 Untested Rape Kits**

The San Diego police chief told the City Council on Tuesday that her department is wading through a backlog of 558 untested rape kits but will not test every kit in its crime lab, eschewing national standards.

**Deep East Texas experts doubtful about effectiveness of rape kit backlog law**

The SAFER Act is designed to reduce the national rape kit backlog. It was first enacted in 2013, but it was recently renewed thanks to a bi-partisan effort. Local experts on the topic praise the bill for raising awareness about the problem, but they still question its total effectiveness.

**Convicted Triple Murderer Alleges Bogus Snow Imprint Forensic Analysis in Federal Suit**

An Ohio inmate who was convicted of a triple-murder and was once 13 days from execution is now suing authorities who he said withheld the checkered work history of the forensic analyst who provided crucial evidence at trial.

**Guns Sold by Police End Up with Drug Dealers, in Gang Houses**

A yearlong Associated Press analysis found more than a dozen firearms sold by law enforcement agencies in Washington state since 2010 later became evidence in new criminal investigations. Identifying guns sold by law enforcement and matching them to new crimes required extensive research and dozens of public records requests to individual agencies.

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December 12, 2017

Greetings from the American Board of Criminalistics,

In our quest for ISO 17024 Accreditation, we are convening a group of Subject Matter Experts (SME) for an occupational analysis of the field of forensic science. We are looking for experts who perform “cradle to grave” analysis as well as those who have other roles in a forensic laboratory, including specialists performing various types of forensic casework. If you are chosen, you will meet with a trained facilitator who will take you through the two-day Occupational Analysis process. This process will identify all of the duties that forensic scientists have in common, regardless of discipline, and then separate those duties into their relevant tasks.

You may be asking yourselves why we are doing this if we already have existing exams. The ABC is constantly striving to improve our exams and part of that is making sure that they are testing the jobs that people are actually performing. We will select participants based on the following (in no particular order): geographic area, experience, gender, and availability. These distinctions are recommended so that the entire community is properly represented.

You do not need to be a current ABC certificant to participate. The training will be held in conjunction with the AAFS meeting in Seattle. An additional hotel night and per diem costs will be covered by the ABC, however there will be no additional compensation for work absences. So please take a moment to fill out the survey found via this link:

We look forward to working with you.

New Narcotics Protection Kit as You Face the Dangerous Opioid Epidemic

We designed this single-use kit following DEA & CDC guidelines

Small amounts of Fentanyl can cause an overdose, a significant threat to you & your department. We designed this kit to help you stay safe.

Buy Now

http://www.sirchie.com/nark-ppe-kit-available-in-med-large-x-large-2xl.html#.WaNzc-mQxPb

Annual Report

Organization of Scientific Area Committees for Forensic Science
Annual Report 2017
Bode Cellmark Forensics provides advanced forensic solutions offering crime labs ways to reduce their workloads and budgets.

Bode’s newest offerings include:

**Sexual Assault Kit Backlog Reduction Program** streamlines processes to eliminate backlogs of untested sexual assault kits.

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

**Independent Validation Services** are customized to meet your laboratory's needs. Validation services provide completely unbiased analysis on your equipment, chemistries, or process.
This course is designed primarily for practitioners who routinely examine blood stained clothing and other textiles and are required to assess, interpret, and report on bloodstain patterns as part of those examinations. The course is delivered through a combination of “face to face” instruction and self-directed learning. A minimum 80 hours of structured learning activities is required, inclusive of a 40 hour “face to face” residential component. The course will review the underpinning principles of BPA, and apply these principles to the analysis and interpretation of bloodstains on clothing and other textiles.

When examining clothing, the practitioner must be mindful of influences such as the fibre type, texture, treatments, all of which may affect the final appearance of bloodstains. The primary focus of the course is to develop those skills required for the examination of bloodstain patterns found on clothing items, including the use of microscopy to discriminate between spatter and transfer bloodstains.

FORESIGHT 20/20

Greetings from the Project FORESIGHT team. We invite you to join us and submit data for the past fiscal year. FORESIGHT is a business-guided self-evaluation of forensic science laboratories across the globe. The participating laboratories represent local, regional, state/provincial, and national agencies. Faculty from the WVU College of Business and Economics provide assistance, guidance, and analysis. We link financial information to work tasks and functions. Laboratory managers can use these functions to assess resource allocations, efficiencies, and value of services—the mission is to measure, preserve what works, and change what does not. FORESIGHT is open to any forensic laboratory that completes and submits a LabRAT form. There is no charge for participation. Attached you will find an example of an individualized report prepared for a participating laboratory.

To participate, simply complete the attached LabRAT workbook and submit to Paul Speaker at email paul.speaker@mail.wvu.edu. Please send any questions to the same email address. For additional information, please visit the program web site http://be.wvu.edu/forensic/foresight.htm. We are targeting a submission date of December 15, 2017.

Grant Assistance for DNA

State Grant Assistance for DNA

NIJ Forensic Science R&D Reports for ASCLD Crime Lab Minute Vol 11

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

NIJ-FBI Fingerprint Partnership Identifies 200 Missing Persons

In March of this year, a new collaboration
Impression, Pattern and Trace Evidence Symposium January 22-25, 2018

Renaissance Arlington Capital View
2800 South Potomac Ave Arlington Virginia 22202 USA

CALL for ABSTRACTS and CALL for WORKSHOPS are now open

Call for ABSTRACTS closes October 13th, 2017.<x-apple-data-detectors://4> Call for WORKSHOPS closes October 18.<x-apple-data-detectors://4>

Registration for attendees and presenters is FREE!

Attendee Registration will be opening soon.

All selected domestic presenters, except federal employees, will be funded for this event. Funding includes airfare and lodging that is arranged and prepaid by RTI. Other travel related expenses such as meals (at per diem rate), taxi, mileage and parking will be reimbursed following the workshop. Further detail will be provided to those selected with acceptance letters. International travel will not be funded.

For more information and to submit your abstract(s) or workshop proposal(s) please go to:<http://www.forensiccoe.org/workshop/18-IPTES www.forensiccoe.org/workshop/18-IPTES>

For questions please contact forensicCOE@rti.org<mailto:forensicCOE@rti.org>

The new year is upon us. Invest in yourself in 2018 by attending one of the upcoming programs hosted by the WVU Center for Executive Education

Forensic Management Academy
September 9 - 14, 2018
Allegheny County Medical Examiner's Office
Pittsburgh, PA

Lean Six Sigma Certification for Forensic Science Professionals
March 20 - September 11, 2018

Lean Six Sigma Certification for Forensic Science Professionals
March 20 - September 11, 2018

Lean Six Sigma Certification for Forensic Science Professionals
March 20 - September 11, 2018

The National Institute of Justice recently released a report on National Best Practices for Sexual Assault Kits: A Multidisciplinary Approach in response to the Sexual Assault Forensic Evidence Reporting (SAFER) Act of 2013, which focuses on the accurate, timely, and effective collection and processing of DNA evidence in sexual assault investigations. A practitioner working group developed 35 recommendations that provide a roadmap for collecting, transferring, preserving, storing and analyzing sexual assault kits. The recommendations apply to medical professionals, members of law enforcement, victim advocates, prosecutors and laboratories. A coordinated, collaborative and multidisciplinary approach to sexual assault investigations helps reassure and support victims of sexual violence, encourages victim engagement and increases the potential for just legal resolutions.

The Fingerprint Sourcebook is Now Available in Spanish
NIJ has released a Spanish-language version of The Fingerprint Sourcebook, which aims to be the definitive resource on the science of fingerprint identification. The Sourcebook was prepared by the International Association for Identification and topics covered include the anatomy and physiology of friction ridge skin; techniques for recording exemplars from both living and deceased subjects; AFIS; latent print development, preservation and documentation; equipment and laboratory quality assurance; perceptual, cognitive and psychological factors in expert identifications; and legal issues.

Forensic Identification Using Individual Chemical Signatures
NIJ-funded researchers developed an approach to translate chemical signatures recovered from personal objects such as phones into a lifestyle sketch of the owner, using mass spectrometry and informatics approaches.

Quantifying Error Rates for the Measurement of Human Skeletal Remains
NIJ-funded researchers revised forensic anthropology procedures to include an “error metric” for the measurement of human skeletal remains. This article summarizes findings from that study.

Designing Methods to Identify Evolving Designer Drugs
This article describes an NIJ-supported research project focused on issues of resolution and discriminatory capabilities needed to increase the reliability and selectivity of forensic evidence and analytical data for new bath salt-type drugs of abuse.

Standardized Process Developed for Identifying Dyes in Fibers
This article summarizes method with the twofold purpose of producing a novel, reliable, and useful microfluidic system for fabric dye extraction and increasing the knowledge needed to guide criminal justice policy and practice related to the forensic analysis of dyed fabric.
Via online webinar with one face-to-face class held on September 11, 2018 from 9 a.m. – 5 p.m. in Pittsburgh, PA at the Hyatt Regency Pittsburgh International Airport.

For more information on the Forensic Management Academy and Lean Six Sigma programs, please visit business.wvu.edu/execed or email Martina Bison-Huckaby at Martina.Bison-Huckaby@mail.wvu.edu.

National Institute of Justice’s latest Graduate Research Fellowships in Science, Technology, Engineering, and Mathematics. NIJ has made 20 new awards in 2017 for STEM fellows, totaling $960,861 for graduate students working towards advancing NIJ’s mission. The GRF-STEM program funds dissertation research across a wide range of topics to criminal justice, including the forensic sciences.

See a full list of awards and descriptions, awardees, and dollar amounts. Sign up to get email notices when NIJ releases GRF and other funding solicitations.

Sexual Assault Cases: Exploring the Importance of Non-DNA Forensic Evidence Investigating and prosecuting sexual assault crimes is much more complicated than simply performing DNA testing.

The Most Important Features for an Effective Sexual Assault Response Team Sexual Assault Response Teams (SART) hold the promise of improving victim experiences, increasing prosecution rates, and reducing the prevalence of sexual assault. To understand how an effective SART works, NIJ-funded researchers studied the structure and operations of SARTs across the United States.

Identifying Ignitable Liquids in the Aftermath of A Fire In a wide-ranging analysis of the effects of weathering and biological degradation on ignitable liquids, NIJ-supported researchers at the University of Central Florida’s National Center for Forensic Science studied and classified 50 liquids in the Ignitable Liquids Reference Collection database.

Scale Modeling in Fire Reconstruction After reviewing scaling theory used in fire research, this project developed scaling rules for design fires and enclosure material boundaries, followed by the full-scale testing of a gas burner, heptane pool fire, pine wood crib, and polyurethane foam, and the scaling theory was applied to the full-scale scenario and a 1/8 scale compartment.

Evaluation of the Use of a Non-Contact 3D Scanner for Collecting Postmortem Fingerprints Historically, the recording of postmortem fingerprint impressions from decedents is a manual and labor-intensive process. 3D scanners are potentially an important tool to help forensic scientists address the challenges of postmortem fingerprint recovery due to the contactless scanning capabilities, as well as the ability to scan complex surfaces and capture scale. This NIJ-supported study evaluated the potential for using a contactless, 3D fingerprint scanner to capture examination-quality postmortem fingerprints and facilitate rapid identification of the deceased.

Evidential Value of Particle Combination Profiles on Common Items of Evidence This project used the analytical tools and statistical methods developed in previous research funded by NIJ to measure the evidential value of very small particle (VSP) profiles found on four common types of physical evidence: handguns, cell phones, drug packaging, and ski masks.

Method Development and Validation of Toolmark Imaging, Virtual Casing Comparison, and In-Lab Verification using a GelSight-Based Three Dimensional Imaging and Analysis Stemming from a previous project that developed a 3D surface topography imaging and analysis system for casings based on the GelSight scanning technology and custom feature-based image comparison, this NIJ-supported project aimed 1) to develop the ability to scan and compare firing pin impressions; 2) to examine the use of the imaging and analysis technology in a live lab experiment; and 3) to investigate Virtual Microscopy, the use of measured 3D surface topographies as a substitute for physical casings.

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https://forensiccoe.org/leadership-series/
Leadership series instructors and modules available:

**Jody Wolf**
Modules: Generations, Cultural Diversity, Leadership Principles and Concepts

**Dr. Terry Anderson**
Modules: Personal Leadership, Practical Emotional Intelligence, Moral Compass

**Dean Gialamas**
Modules: Leadership and Ethics, Leadership and Power

**Deputy Chief Timothy P. Scanlan**
Modules: Leadership and Change, First-Line And Mid-Level Supervision

**Jeremy Triplett**
Modules: Leadership Theories and DISC Styles, Founding Fathers on Leadership

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As we close out 2017, we’re looking back at some of our accomplishments. Through our 22 year history, we have learned it’s our customers and colleagues truly share in our success.

Here are just a few of our team’s favorite 2017 accomplishments:

- NFSTC’s first ever U.S. Department of State training for more than 50 DNA and crime scene analysts from Central America
- Hosted annual ROTC internship for 12 Cadets
- Enrolled more than 145 people in our online courses
- Trained 148 military students at our facility
- Published the Crime Scene Investigation Guide in Spanish
- Released a second season of the award-winning series Fauxrensics

And that’s just a small portion of our work.

As we look forward to 2018 and our future with Florida International University, we know we’ll continue to offer the highest quality training and support to our customers.