President’s Message

This busy year as president is starting to wind down as the months click by, but at the same time it is heating up. Preparations for the 65th Anniversary Meeting in Washington, DC, are well underway. Between the time I pen this message and the time you receive it, final decisions on the program will have been made. Presenters will begin to receive notification letters of their acceptance and will have been assigned that precious commodity – time – during the scientific or other sessions. In addition to the program, the officers and I have been busy working with the Consortium of Forensic Science Organizations (CSFO) as the 112th Congress draws to a close. We have provided educational input to staffers on both sides of the aisle as they grapple with the SAFER (Sexual Assault Forensic Evidence Registry) Act, the Justice for All Act, and with the various versions of bills designed to address issues raised in the 2009 NAS Report. Regardless of the outcome of this session, we must be ready to provide guidance and act as a resource once the 113th Congress opens in January 2013.

Past President Doug Ubelaker has received confirmation from John Wiley & Sons, Inc. that the AAFS-authored book, *Forensic Science: Current Issues, Future Directions* will be published this month. Please see page 27 for ordering instructions. Copies will also be available for purchase at the annual meeting. Doug tells me that plans are underway to develop two more AAFS member-authored texts and if these are successful, many more could be in the works. All royalties earned from sales of these textbooks will benefit the Forensic Sciences Foundation (FSF). Speaking of which, as you pay your dues in response to the statements recently sent out from AAFS, please consider including a donation for the FSF – every dollar is appreciated. Although I realize it may be difficult to contribute in these difficult fiscal times, please remember that research grants supported by the FSF may be the only available source of funding for the applicants – the same tough times impact funding bodies as well.

I want to extend my personal thanks, as well as the thanks of the Academy, to Jeri Ropero-Miller, who in addition to working diligently as Program Co-Chair for the upcoming meeting, also found time when asked to represent the Academy and forensics at a Tennessee Valley Corridor Forensics Symposium meeting in mid-September. This organization of more than 20 universities met in Knoxville to investigate opportunities and options in forensic research in response to the 2009 NAS Report. Jeri gave an overview of the forensic disciplines and highlighted areas in which these scientists might direct their inquiries as well as participating in a panel discussion on forensic research.

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Future AAFS Annual Meeting Dates

February 18-23, 2013
Marriott Wardman Park
Washington, DC

February 17-22, 2014
Washington State Convention & Trade Center
Seattle, WA

February 16-21, 2015
The Peabody Orlando
Orlando, FL

February 22-27, 2016
Rio Las Vegas Hotel
Las Vegas, NV

February 13-18, 2017
Hyatt Regency New Orleans
New Orleans, LA

February 19-24, 2018
Washington State Convention & Trade Center
Seattle, WA

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In the May 2011 issue of the Academy News newsletter, we concentrated on sixteen European Union nations who had members in the AAFS. This issue will focus on sixteen non-EU nations in Europe who have 46 members represented in the AAFS. Wikipedia defines Europe’s boundaries as, “the westernmost peninsula of Eurasia, with its boundaries marked by large bodies of water to the north, west, and south; Europe’s limits to the far east are usually taken to be the Urals, the Ural River, and the Caspian Sea; to the southeast, including the Caucasus Mountains, the Black Sea and the waterways connecting the Black Sea to the Mediterranean Sea. Because of sociopolitical and cultural differences, there are various descriptions of Europe’s boundary. For example, Cyprus is approximate to Anatolia (or Asia Minor), but is usually considered part of Europe and currently is a member state of the EU. In addition, Malta was considered an island of North Africa for centuries, while Iceland, though nearer to Greenland (North America), is also generally included in Europe.” Therefore, the following list represents a breakdown of sixteen non-EU nations in Europe which have members in the AAFS.

<table>
<thead>
<tr>
<th>EUROPEAN COUNTRY</th>
<th>AAFS SECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>General (1); Physical Anthropology (1)</td>
</tr>
<tr>
<td>Croatia</td>
<td>Pathology/Biology (1)</td>
</tr>
<tr>
<td>Finland</td>
<td>Criminalistics (1)</td>
</tr>
<tr>
<td>Georgia</td>
<td>Criminalistics (1); Jurisprudence (1)</td>
</tr>
<tr>
<td>Hungary</td>
<td>Odontology (1)</td>
</tr>
<tr>
<td>Iceland</td>
<td>Criminalistics (1); Physical Anthropology (1)</td>
</tr>
<tr>
<td>Kazakhstan</td>
<td>Criminalistics (1)</td>
</tr>
<tr>
<td>Kosovo</td>
<td>Criminalistics (1); General (1)</td>
</tr>
<tr>
<td>Malta</td>
<td>Criminalistics (1)</td>
</tr>
<tr>
<td>Norway</td>
<td>Pathology/Biology (1)</td>
</tr>
<tr>
<td>Russia</td>
<td>General (1); Pathology/Biology (1)</td>
</tr>
<tr>
<td>Scotland</td>
<td>Physical Anthropology (1); Toxicology (1)</td>
</tr>
<tr>
<td>Serbia &amp; Montenegro</td>
<td>Pathology/Biology (2)</td>
</tr>
<tr>
<td>Switzerland</td>
<td>Criminalistics (3); General (1); Odontology (1); Pathology/Biology (6); Physical Anthropology (1); Psychiatry &amp; Behavioral Science (1); Toxicology (3)</td>
</tr>
<tr>
<td>Turkey</td>
<td>Criminalistics (1); Jurisprudence (1); Pathology/Biology (3); Toxicology (1)</td>
</tr>
<tr>
<td>Wales</td>
<td>Engineering Sciences (1)</td>
</tr>
</tbody>
</table>

Our international forensic science counterparts provide a wealth of knowledge well beyond their areas of expertise. I strongly encourage interaction with your AAFS members from these nations. Their knowledge and expertise will definitely enhance your application of the forensic sciences in your respective disciplines and broaden your information base regarding operating in different cultures and legal systems.

Academy News
The General Section is comprised of many different forensic disciplines whose evolution has been based on education, research, and experience. Globally, section members are involved in forensic research to improve methodologies and analysis, identify newly emerging techniques, develop and continually improve standards of practice for forensic disciplines, create standardized curriculum for post-secondary educational programs, as well as initiate interest in the forensic sciences in middle and high school students.

The number of disciplines that fall within the General Section has increased since the section's inception in 1968 as emerging sciences are identified. It is through the General Section that the expertise is first identified, vetted, and accepted after a critical review of the forensic specialties to protect the integrity of the Academy (Gaffney). Several disciplines branched off to form independent sections within the Academy: Forensic Anthropology in 1973, Odontology in 1974, Engineering Sciences in 1981, and Digital & Multimedia Sciences in 2009. The General Section is challenged to monitor 15 current forensic disciplines since the scope of each field is specialized: Forensic Accounting, Forensic Archeology, Forensic Art and Sculpting, Forensic Aviation and Land Vehicle Accident Investigation, Forensic Consulting, Forensic Credibility Assessment, Forensic Death and Crime Scene Investigation, Forensic Education and Research, Firearm Analysis, Forensic Geology, Forensic Management or Administration, Forensic Nursing, Forensic Photography, Forensic Radiology, and Forensic Veterinary Science.

For the past 20 years, federal agencies including the National Institutes of Justice (NIJ) have sponsored Scientific Working Groups (SWGs) and Technical Working Groups (TWGs) to improve standards, and techniques while improving communications throughout their respective disciplines. There are currently 19 Scientific Working Groups established to recommend guidelines, standards, and best practices within respective forensic disciplines including Facial Identification, Forensic Anthropology, DNA, Digital Evidence, Documents, Dogs and Orthogonal Detector Guidelines, Seized Evidence, Disaster Victim Identification, Fingerprints, Fire Debris, Gun Shot Residue, Firearms and Toolmarks, Imaging Technologies, Medicolegal Death Investigation, Bloodstain Pattern, Toxicology, Shoeprint and Tire Tread and Wildlife Forensics.

To ensure that forensic science educational programs are science based and meet the needs of organizations that employ students graduating in the future, the Forensic Science Education Programs Accreditation Commission (FEPAC) was developed. FEPAC accredits quality forensic science programs that lead to post-secondary degrees in forensic science. There is a vital need for educating the forensic science teachers of tomorrow to replace the highly respected and brilliant retiring professors. This will allow for the continuation of quality forensic science programs.

The General Section also recognizes the importance of introducing the forensic sciences to potential practitioners by bringing forensic science into middle and high school science and math curriculums. Members of the section, along with Academy support and private funding, developed the Forensic Science Educational Conferences (FSEC). Today’s youth are interested in exciting careers. By introducing forensic science early in their education, students will be more eager to pursue the forensic science careers. FSECs are welcomed by middle and high school teachers who need to entice students to take math and science classes. Since the inception of the FSEC in 2002, the Academy had sponsored more than 25 throughout the country. Conference attendees are eager to receive assistance in establishing sound curriculums from practitioners who make themselves accessible in the future to answer questions.

There is a crucial need for students to be able to write well in order for their manuscripts to be accepted by peer-reviewed journals. In an effort to develop writing skills, collaboration between high school English departments and forensic scientists has established an answer to interest students and benefit their writing skills. The need for peer-reviewed publications is stronger than ever. Currently, forensic science journals have a very limited quantity of papers published by American citizens. Forensic journals are seeking American authors to submit articles for peer review. The void is currently being filled by authors of other countries. To maintain America’s supremacy of the highest quality of forensic science, our youth must be able to write at the level of peer review acceptance. The General Section epitomizes the collaboration of the different disciplines in this effort.

The onslaught of media programs and attention surrounding forensic science has increased the need to demonstrate sound methodology and analyses. Public awareness has brought on a deluge of educated citizens who question results, ask informed questions, and request second opinions. Currently, juries expect accurate proven scientific evidence on which to base their decisions.

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Academy News
The Forensic Sciences: Founded on Observation and Experience, Improved by Education and Research

The Need to Scrutinize Criticism

Sources: Thomas W. Vastrick, BS, Questioned Documents Section Chair; Pamela Zilly, BS, Questioned Documents Section Secretary; and Jane A. Lewis, MFS, Questioned Documents Section Board of Directors Representative

Forensic document examination, and in particular handwriting comparison, has a rich history of peer-reviewed research into the scientific and statistical bases for which presentation of our examinations in courtrooms across the country is based. Pioneer published efforts to codify our standard techniques can be traced back to books such as William E. Hagan’s A Treatise on Disputed Handwriting and the Determination of Genuine from Forged Signatures (1894), Daniel T. Ames’ Ames on Forgery (1900), and Albert S. Osborn’s Questioned Documents (1910). In 1913, a U.S. statute1 which officially admitted known handwriting standards for comparison in the Federal court system was passed (though this is hardly novel as signatures in a legal context can be found even as far back as the Enactments of Justinian, circa 529 A.D.). To date, there have been twenty-four challenges to the admissibility of handwriting comparisons in Federal Courts of Appeal throughout the country and every single appellate decision has ruled in favor of the admissibility of handwriting comparisons. Prior to the publication of the 2009 National Research Council, Committee on Identifying the Needs of the Forensic Science Community, Strengthening Forensic Science in the United States: A Path Forward (NAS Report), the forensic document examination discipline was busy meeting many of the recommendations found in this report. Forensic document examiners have few peers in codifying standard methodologies through active participation in establishing published standards with ASTM International and the Scientific Working Group for Forensic Document Examination (SWGDAC) to include published standards for handwriting comparisons and standardization of conclusion terminology. Long before the NAS Report, forensic document examination had an established independent certification board, the American Board of Forensic Document Examiners (1977) encouraging certification as a profession-wide standard. The discipline has a long history of research and education through such organizations as the American Society of Questioned Document Examiners (founded in 1942) and as a charter section of the American Academy of Forensic Sciences (AAFS). These studies and accomplishments have been the subject of numerous articles in AAFS publications such as the Journal of Forensic Sciences and previous issues of the Academy News.

Research studies testing the standard methodologies and comparative abilities of forensic document examiners and a control group to conduct the comparable distinguishing handwriting analyses have been conducted for many years and precede the NAS Report.2,3 As is important in any scientific research, independent verification research was also performed.4 Individuality of handwriting was the subject of research study and computer testing which concluded that the research could “validate handwriting individuality with a 96% confidence.”5 The results of these research studies have each been published in the Journal of Forensic Sciences. These studies have continued.

Current forensic document examination research in the area of handwriting includes the Forensic Language-Independent Analysis System for Handwriting Identification (FLASH-ID), computer software being developed and used to assess handwriting features using graphemes. In addition, a statistical study of frequency occurrence in handwriting and hand printing based on thousands of handwriting specimens is underway at the National Center for Forensic Science at the University of Central Florida in Orlando, FL. Studies and research into the valid use, methodologies, and possible limitations of electronic signature examinations has been occurring in Phoenix, AZ, for several years. Finally, a study of the evolution of individuality of handwriting in children from the time of grade school training in handwriting to high school graduation is currently being conducted at the Bureau of Criminal Apprenticeship Laboratory in St. Paul, MN.

Criticism of forensic science can be a catalyst for improvement when the criticism itself is based on proper scientific principles and accepted standard methodologies. Criticism in this form can provide a profession with the knowledge and understanding necessary to make improvements in the product. As scientists, all of us can appreciate this form of criticism and, in fact, consider it akin to assistance. However, there is another form of criticism that is windig its way through the forensic sciences. This is criticism that is based on innuendo, unacceptable methodologies, and inaccuracies. This form of criticism does not assist in improving the profession. In fact, efforts that might otherwise have been used to improve forensic science are instead used to demonstrate the fallacies of the invalid criticisms. Handwriting comparison examinations have come under such attack.

Court challenges to handwriting comparisons have come from various law professors. There have been common threads throughout these challenges. Through numerous cross examinations the critics’ erroneous methodology and, in some instances, inaccuracy of their data itself has been exposed. Statements are commonly made by these critics with no supporting data. Finally, these critics have not provided specifics as to standards in methodologies for both the research completed in the discipline and the methodologies they use.

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The Need to Scrutinize Criticism cont.

The not-so-surprising result is that these critics have been repeatedly excluded from testifying in courts across the country. One jury referred to one of these critics in a post-trial interview as “a clown.”

It seems disingenuous that these critics wish to require so much of forensic document examiners but so little of themselves. Courts should be obliged to set a level bar in the admission of expert testimony, whether from a forensic scientist or a critic of forensic science. If a critic believes that he/she should be permitted to testify to matters related to statistics yet has no college-level mathematics or statistical courses nor any technical training in statistics, why should a court: 1) accept him/her as an expert in the first place; and, 2) require in-depth analysis of ASTM standards, training methodologies, a litany of published research, and other such foundations of forensic document examination that were not required of the critic? Forensic document examiners do not mind extensive scrutiny of the profession in court. Considering issues we have had with unqualified “document examiners” attempting to qualify in court, we welcome strong scrutiny of our education, training, experience, and foundations. We also insist that any critic be held to that same level of scrutiny. More careful and comprehensive scrutiny of qualifications and methodologies will have the effect of helping the court distinguish legitimate criticism from invalid criticism, such as those who have attempted to cast aspersion on handwriting comparisons by examiners following published standards.

In this light, it was disappointing to see yet another reference to these baseless court challenges of handwriting comparisons, this time in an article in the September issue of the Academy News. While some sections, to include handwriting comparisons, were specifically named in this article, the fact is all forensic disciplines have faced challenges in court at one time or another and it was unwise to name some disciplines as “examples.” The only important issue is whether these criticisms are valid and this was not addressed. Those prone to attempting to criticize forensic science disciplines with unacceptable methodologies will quite likely reference the September issue of Academy News article in an attempt to make it appear that the writers were in agreement with the challenges by their listing the discipline as an example while ignoring the numerous articles in AAFS publications that provide scientific and statistical foundations to handwriting comparisons.

As fellow members of the Academy, we should be working to bolster each other, not tear each other down to include being mindful of what is said and put in print. The American Academy of Forensic Sciences is, after all, a forensic science organization and officers of the Academy are given the responsibility of being spokespersons for the Academy and the profession. Further, if an officer is unwilling or unable to support each discipline within the Academy, for whatever reason, then they have an ethical obligation to resign their office. If a member is seeking office within the Academy and cannot support each discipline within the Academy, then they have an ethical obligation to withdraw their name from consideration. To do otherwise places this person in a conflicting position of representing something in which they do not believe. This would be a practice that is not considered acceptable in any profession.

There have been too many people who have worked too hard strengthening the practices of their respective disciplines to allow a few individuals the opportunity to weaken these efforts with innuendo, unacceptable methodologies, and inaccuracies. The Questioned Documents Section of the Academy welcomes honest scrutiny of our methodologies and scientific bases of our various examinations. However, if one wishes to baselessly criticize our methods, we will call for the same level of scrutiny of your efforts.

For further reading of research background in forensic document examination and how forensic document examination meets the Daubert guidelines, we recommend reading the Questioned Documents Section articles in two previous Academy News series: Reliable, Relevant and Valid Forensic Science: Eleven Sections – One Academy (July 2010, Vol. 40, Issue 4) and Global Research: The Forensic Science Edge (November 2011, Vol. 41, Issue 6).

1 Title 28, USC., 1940 ed., Sec. 638 (Feb. 26, 1913), ch. 79, 37 Stat. 683
4 Sita J., Found B., Handwriting Examiners’ Expertise for Signature Comparison, J Forensic Sciences 2002:47(5) 1-8
5 Srihari S., Cha S., Arora H., Lee S., Individuality of Handwriting, J Forensic Sciences 2002:47(4) 856-872
A Word From Your 2013 Program Chair

August 1 has come and gone, the AAFS meeting program is in place, and the Academy’s 65th Anniversary Meeting is now being eagerly awaited by the membership and presenters: thanks to everyone who put such tremendous time and dedication into the 2013 Program. The program committee members performed a yeoman’s task reading, editing, and making the grids that become the annual meeting. I believe the membership will be very appreciative of everyone’s efforts in February.

Now that the program is finalized, authors will be receiving letters of acceptance or rejection. The AAFS staff will be working even harder to ensure a quality meeting while serving the membership on a daily basis. They are to be commended for their dedication to the Academy. The Marriott Wardman Park Hotel in Washington, DC, has been selected as our meeting site for 2013. I encourage all of you to make your hotel reservations early. A special meeting rate is available, and there is information available online and in this newsletter (see page 14) about how to complete your room and airline reservations. February 11, 2013, is the last day to receive the group rate; however, the hotel tends to fill rapidly so call or book online now. While you are making your hotel and flight arrangements, complete the meeting registration form found in this newsletter. Or, visit the AAFS website in mid-November to register online. Go to www.aafs.org and scroll down for the link to the meeting. The online process ensures quick, efficient, and accurate meeting registration. Advance registration ensures lower “registration fees” and the best access to the many workshops, breakfast and luncheon seminars, and special sessions. You may also pay your 2013 dues while you are there!

November is a busy month for the AAFS staff. They are working diligently to ensure that the annual meeting is a success. When you have the opportunity to converse with any of them, please take the time to thank them for their contributions. None of us has a sense of how much effort goes into the daily operations and Academy business. We could not be successful without them.

The next few months will be dedicated to the holidays and preliminary preparation for the annual meeting. The presenters will be engaged in perfecting their research and putting thoughts to paper. If your submission is accepted, I encourage you to read through the AAFS presentation suggestions and requirements to ensure compliance. If you know international attendees, offer to review their presentations or to assist with the process of getting them ready for the meeting. These small observances will streamline the process and guarantee a successful outcome in February.

I am looking forward to a fantastic meeting in an amazing city and to celebrating the Academy’s 65th Anniversary! Please make your plans now. Heartfelt thanks from me to the authors, program committee, my co-chair Jeri Ropero-Miller, and especially to the AAFS staff. See you in Washington, DC!
### 2013 Workshops Announced

Twenty-three workshops have been accepted for the AAFS 65th Anniversary Meeting offering a wide range of topics. Workshops are an excellent means to meet your continuing education needs while maintaining and expanding your knowledge of your specific forensic discipline. Many workshops have limited registration, so complete the pre-registration form on page 17 today!

**Monday — February 18**

<table>
<thead>
<tr>
<th>Workshop #</th>
<th>Time</th>
<th>Title</th>
<th>Chairs</th>
<th>Registration Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>8:30 a.m. - 12:00 p.m.</td>
<td>Practice, Procedures, and Protocols: How SWGDE, SWGIT, and FISWG Can Help You Navigate the Complex World of Digital and Multimedia Evidence</td>
<td>Chair: Richard Vorder Bruegge, PhD*; Co-Chair: Mary F. Horvath, MFS*</td>
<td>Limited to the first 18 registrants.</td>
</tr>
<tr>
<td>#2</td>
<td>8:30 a.m. - 12:00 p.m.</td>
<td>Electrocution, Electrical Injury, and Lightning Death Investigations</td>
<td>Chair: Helmut G. Brosz, PEng, BASc*; Co-Chair: Ronald K. Wright, MD, JD*</td>
<td>Limited to the first 75 registrants.</td>
</tr>
<tr>
<td>#3</td>
<td>8:30 a.m. - 5:00 p.m.</td>
<td>Analysis and Interpretation of Chemical Unknowns</td>
<td>Chair: Vincent J. Desiderio, MS*; Co-Chair: Andrew M. Bowen, MS*</td>
<td>Two-day workshop (Monday &amp; Tuesday). Registration is limited to the first 18 registrants.</td>
</tr>
<tr>
<td>#4</td>
<td>8:30 a.m. - 5:00 p.m.</td>
<td>Signature Examination of Healthy and Impaired Writers</td>
<td>Chair: John L. Sang, MS; Co-Chair: Linton A. Mohammed, PhD*</td>
<td>Limited to AAFS members until January 15, 2013.</td>
</tr>
<tr>
<td>#5</td>
<td>8:30 a.m. - 5:00 p.m.</td>
<td>Science in the Courtroom: A Matter of Perspective?</td>
<td>Chair: Ted W. Vosk, JD*; Co-Chair: Roderick T. Kennedy, JD*</td>
<td>Limited to the first 75 registrants.</td>
</tr>
<tr>
<td>#6</td>
<td>8:30 a.m. - 5:00 p.m.</td>
<td>Beyond the Numbers: An Objective Approach to Forensic Toxicological Interpretation</td>
<td>Chair: Dwain C. Fuller, BS*; Co-Chair: Laura J. Liddicoat, BS*</td>
<td>Limited to the first 200 registrants.</td>
</tr>
<tr>
<td>#7</td>
<td>8:30 a.m. - 5:00 p.m.</td>
<td>Practical Homicide and Medicolegal Death Investigation: Practical and Clinical Perspectives Regarding the Homicide Investigation and the Medical Examiner’s Determination in Various Modalities of Death Including Child Deaths and Suicide</td>
<td>Chair: Vernon J. Geberth, MS*; Co-Chair: Barbara C. Wolf, MD*</td>
<td>Limited to the first 100 registrants.</td>
</tr>
<tr>
<td>#8</td>
<td>8:30 a.m. - 5:00 p.m.</td>
<td>Multidisciplinary Approaches to Effective Communication and Report Writing</td>
<td>Chair: Jenna L. Oaks-Smith, MFS; Co-Chair: Tanisha V. Henson, MFS*</td>
<td>Proceeds from this workshop will benefit the Forensic Sciences Foundation, Inc.</td>
</tr>
<tr>
<td>#9</td>
<td>8:30 a.m. - 5:00 p.m.</td>
<td>The Predator Next Door: Everything You Always Wanted to Know About Sex Offenders and Had No One to Ask!</td>
<td>Chair: Vivian Shnaidman, MD*; Co-Chair: Cinzia Giumelli, PsyD, PhD*</td>
<td>Registration is limited to the first 100 registrants.</td>
</tr>
<tr>
<td>#10</td>
<td>8:30 a.m. - 5:00 p.m.</td>
<td>Quality Assurance in Human Identification</td>
<td>Chair: Vincent J. Sava, MA*; Co-Chair: John E. Byrd, PhD*</td>
<td></td>
</tr>
<tr>
<td>#11</td>
<td>8:30 a.m. - 5:30 p.m.</td>
<td>Bones and Children: An Interdisciplinary Approach to Forensic Issues</td>
<td>Chair: Andrew M. Baker, MD*; Co-Chair: Kathryn H. Haden-Pinneri, MD*</td>
<td></td>
</tr>
<tr>
<td>#12</td>
<td>1:00 p.m. - 4:45 p.m.</td>
<td>Principles and Applications of Liquid Chromatography Mass Spectrometry (LC/MS) for the Forensic Toxicologist</td>
<td>Chair: Jeffrey P. Walterscheid, PhD*; Co-Chair: Peter R. Stout, PhD*</td>
<td></td>
</tr>
<tr>
<td>#13</td>
<td>1:00 p.m. - 5:00 p.m.</td>
<td>Calculating Likelihood Ratios Incorporating a Probability of Drop-Out: Introducing Lab Retriever — A Free and User-Friendly Software Program</td>
<td>Chair: Norah Rudin, PhD*; Co-Chair: Daniel J. Gregonis, MS</td>
<td>Limited to the first 100 registrants.</td>
</tr>
<tr>
<td>#14</td>
<td>1:00 p.m. - 5:00 p.m.</td>
<td>Melendez-Diaz, Bullcoming, and Williams: Scientific Evidence and the Right to Confrontation</td>
<td>Chair: Justin J. McShane, JD*; Co-Chair: Marc A. LeBeau, PhD*</td>
<td></td>
</tr>
</tbody>
</table>
**Tuesday — February 19**

#15 8:30 a.m. - 12:00 p.m. Improving the Effectiveness of Forensic Service: Using the Foresight Project as a Platform for Quality
Chair: Max M. Houck, PhD*; Co-Chair: Jay W. Henry, BS*

#16 8:30 a.m. - 12:15 p.m. Forensic Entomological Aspects of Abuse and Neglect
Chair: Ralph E. Williams, PhD*; Co-Chair: Neal H. Haskell, PhD*

#17 8:30 a.m. - 12:30 p.m. Image Analysis — 3D Imaging and Vrirtopsy: Developments, Methods, and Reasoning About Images
Chair: Zeno J. Geradts, PhD*; Co-Chair: William R. Oliver, MD*

#18 8:30 a.m. - 4:30 p.m. Staged Crime Scenes: Crime Scene Clues to Suspect Misdirection of the Investigation
Chair: Grant D. Graham, MFS*; Co-Chair: Arthur S. Chancellor, MA*

#19 8:30 a.m. - 5:00 p.m. Developments in Emerging and Designer Drug Markets 2013
Chair: Barry K. Logan, PhD*; Co-Chair: Jeri D. Ropero-Miller, PhD*

#20 8:30 a.m. - 5:00 p.m. Mobile Devices Examination
Chair: Rhesa G. Gilliland, MS*; Co-Chair: Samuel I. Brothers, BBA*
Registration is limited to the first 75 registrants.

#21 8:30 a.m. - 5:00 p.m. Tracking John Wilkes Booth: An Interpretive Bus Tour
Chair: James E. Stairs, LLM*; Co-Chair: Kenneth E. Melson, JD
Off-site workshop. Registration is limited to the first 40 registrants.

#22 8:30 a.m. - 5:30 p.m. Pediatric Pathology for Forensic Pathologists: What They Can Do for Us
Chair: Wendy M. Gunther, MD*; Co-Chair: Kim A. Collins, MD*

#23 1:00 p.m. - 5:00 p.m. DNA in Real Time: Amplifying Productivity in Today’s Forensic Laboratory
Chair: Nicole M. Nicklow, MSFS*; Co-Chair: Heather LaSalle, MS

Pre-Register for the 2013 Special Sessions!

**Tuesday — February 19**

S1 8:00 a.m. - 12:00 p.m. Interdisciplinary Symposium – Senator Patrick J. Leahy and A Uniform, National Forensic Science Enterprise: Legislative, Legal, and Practitioner Views on the Findings and Recommendations of the White House Subcommittee on Forensic Science and New Initiatives
Chair: Laura L. Liptai, PhD*; Co-Chair: Carla M. Noziglia, MS*

S2 8:30 a.m. - 5:45 p.m. Young Forensic Scientists Forum – Applications of Education and Research to the Diverse Field of Forensic Science
Chair: Taryn M. Mead, BS; Co-Chair: Jennifer L. Newton, BS

**2013 Luncheon Seminars**

**Thursday — February 21**

L1 12:00 p.m. - 1:30 p.m. Ensuring Continuing Access to Our Nation’s Heritage: The National Archives’ John F. Kennedy Assassination Records Collection
Martha W. Murphy, MA*; Steven D. Tilley, BA; Margaret Ann T. Kelly, MS*

**Friday — February 22**

L2 12:00 p.m. - 1:30 p.m. Does Your Family Have The Munchies? It Might Be By Proxy
Janean M. Fossum, BSN*; Melodie Brooks, MSN*
**2013 Breakfast Seminars — Pre-Register Today!**

**MONDAY — FEBRUARY 18**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 7:00 a.m. - 8:30 a.m. | B1 | Grant Funding Opportunities in the Forensic Sciences for Academic Programs  
Heather E. Mazzanti, MSFS*; Gerald M. LaPorte, MSFS*; Melissa K. Taylor, BA* |

**TUESDAY — FEBRUARY 19**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 7:00 a.m. - 8:30 a.m. | B2 | Quincy vs. Ducky II: The Rematch — An American Forensic Pathologist and a British Home Office Pathologist Face Off Again  
Stuart J. Hamilton, FRCPATH*; Wendy M. Gunther, MD* |
| 7:00 a.m. - 8:30 a.m. | B3 | Working With Law Enforcement and Prosecutors: A Conversation With Two Former Feds  
Timothy P. Ryan, MS*; Alan E. Brill, MBA; Michael DuBose, JD* |

**WEDNESDAY — FEBRUARY 20**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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| 7:00 a.m. - 8:30 a.m. | B4 | They Really Are Out to Kill You: The Inconvenience of Lawyer Involvement When Presenting Forensic Testimony  
Roderick T. Kennedy, JD* |

**THURSDAY — FEBRUARY 21**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 7:00 a.m. - 8:30 a.m. | B5 | How to Write Bestselling Novels and Screenplays in Your Spare Time: Tips From the Pros  
Melissa Mourges, JD; Martha Bashford, JD; Linda Fairstein, JD*; John A. Hayes, MD*; Kathleen J. Reichs, PhD*; Karen Bergreen, JD*; Jan Burke, BA* |
| 7:00 a.m. - 8:30 a.m. | B6 | The Ballistic Evidence in the Assassination of John Fitzgerald Kennedy  
Lucien C. Haag, BS* |

**FRIDAY — FEBRUARY 22**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 7:00 a.m. - 8:30 a.m. | B7 | The Washing Away of Wrongs: Forensic Medicine in 18th-Century China  
Brian McKnight, PhD*; Jeffrey M. Jentzen, MD* |
| 7:00 a.m. - 8:30 a.m. | B8 | Thomas Krauss Memorial Bitemark Breakfast — Lessons From Eyewitness Identification Research for Forensic Scientists  
Barry C. Scheck, JD*; Karen A. Newirth, JD |

**2013 Evening Session - Open to All Registered Attendees**

**TUESDAY — FEBRUARY 19**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 8:00 p.m. - 10:30 p.m. | ES1 | 150 Years — Does Time Bring Agreement? The H.L. Hunley, the R.M.S. Titanic, and the Assassination of John F. Kennedy  
Michael M. Baden, MD*; J.C. Upshaw Downs, MD*; Timothy Foecke, PhD*; Maria Jacobsen*; Paul Mardikian*; Cyril H. Wecht, MD, JD*; Robert E. Barsley, DDS, JD* |

**Attend the AAFS Annual Business Meeting and Win!!**

The Annual Business Meeting of the Fellows and Members of AAFS will be held on Wednesday, February 20, at 4:15 p.m., at the Marriott Wardman Park Hotel in Washington, DC. It is essential for all Fellows and Members to attend this very important meeting in order to reach a quorum for the voting process. Agenda items include the election of the 2013-14 Officers, recognition of all Members being promoted to Fellow status, and proposed amendments to the AAFS Bylaws. You will also be briefed on AAFS activities during the past year and plans for the future.

As an incentive to attend, all Fellows and Members present will automatically be entered in a drawing to receive a complimentary meeting registration to attend the 2014 AAFS Annual Meeting in Seattle, WA.
Save the Date and Make Arrangements to Join Us for an Unforgettable Event – The 2013 Interdisciplinary Symposium!


Senator Patrick J. Leahy, Judge Reggie B. Walton and Judge Barbara Parker Hervey, White House Subcommittee Chairs, Prosecution, National Association of Criminal Defense Lawyers President and Forensic Science Leaders Analyze the Recommendations of the White House Subcommittee on Forensic Science including a Uniform, National Forensic Science Enterprise

Tuesday, February 19, 2013 • 8:30 a.m. -12:00 p.m.
Marriott Wardman Park Hotel, Washington, DC

8:30-8:32 Introduction
Robert E. Barsley, DDS, JD, President of the AAFS, Professor and Director, LSU School of Dentistry, Diplomate of the ABFO. President Barsley worked as a member of a DMORT team during the Katrina recovery effort in Louisiana from September 2005 through February 2006.

8:32-9:00 Legislative Perspective
Senator Patrick J. Leahy, JD, US Senate (invited), first Democratic Senator from Vermont. Author of the Criminal Justice and Forensic Science Reform Act and Chair of the Senate Judiciary Committee. The Senator has advocated for issues ranging from civil liberties, protection of the environment, and a sound foreign policy to keep Americans safe.

9:00-9:45 White House Perspective - Subcommittee on Forensic Science: Recommendations for a New National Entity
Kenneth E. Melson, JD, Co-Chair of the White House Subcommittee on Forensic Science
Professorial Lecturer in Law, The George Washington University Law School

Mark D. Stolorow, MS, MBA, Co-Chair of the White House Subcommittee on Forensic Science
Director, Law Enforcement Standards Office at NIST, National Institute of Standards and Technology

9:45-10:15 Laboratory Forensic Science Perspective
Dean M. Gialamas, MS, D-ABC, Director, Forensic Science Services
Los Angeles County Sheriff’s Department

10:15-10:30 Break

continued on page 12
The 2013 Interdisciplinary Symposium con’t.

10:30-11:15 Prosecution and Defense Perspectives

Michael T. Ambrosino, JD. Special Council for DNA and Forensic Evidence Litigation, US Attorney’s Office for the District of Columbia

Steven D. Benjamin, JD. President of the National Association of Criminal Defense Lawyers and Special Counsel to the Virginia Senate Courts of Justice Committee, Virginia; Board of Forensic Science member, Indigent Defense Commission.

11:15-12:00 Judicial Perspective

Judge Barbara Parker Hervey, JD, has served on the Texas Court of Criminal Appeals since 2001. Hervey is the founder and chair of the Texas Criminal Justice Integrity Unit and the chair of the Court’s Grants Committee that oversees the education of judges, prosecutors, and defense attorneys.

Judge Reggie B. Walton, JD. US District Judge for the District of Columbia, was appointed to Judge of the US Foreign Intelligence Surveillance Court as well as the federal judiciary’s Criminal Law Committee.

Joseph S. Cecil, PhD, JD (developed program with Kenneth E. Melson) Dr. Cecil is the Project Director in the Division of Research at the Federal Judicial Center; Director of the Center’s Program on Scientific and Technical Evidence; Principal Editor of past editions and Consultant to the National Academies Reference Manual on Scientific Evidence (Third Edition)

Laura L. Liptai, PhD. AAFS Fellow – Engineering Sciences Section
Board Member: University of California, Davis, BME, AAFS, SFES, IBFES

Carla M. Noziglia, MS. AAFS Fellow – Criminalistics Section
Aiken, South Carolina
Senior Forensic Advisor, ICTAP Tanzania

Special Accommodations

If you have an ADA Accommodations request that may impact your participation at the AAFS 65th Anniversary Meeting, please see the ADA Accommodations section of the AAFS Pre-Registration Form (page 17) and include a statement regarding your special needs. An AAFS staff member will contact you prior to the meeting to discuss accommodations. ADA Accommodations requests must be submitted by the pre-registration deadline (January 23, 2013). Requests received after this date may not be processed or fulfilled in time.
Selected As The Official Airline for Washington, DC

The American Academy of Forensic Sciences has selected United Airlines as the official airline carrier for the American Academy of Forensic Sciences 65th Anniversary Meeting. The meeting will be held February 18-23, 2013, in Washington, DC, USA.

Domestic Flights
Book online at www.united.com and enter your Offer Code ZNMQ816403 in the Offer Code box when searching for your flights. Make your reservations using the codes below and receive up to 10% off your round-trip fare.

To Make Your Reservations:
- Go to: www.united.com.
- Enter the code ZNMQ816403 in the Offer Code box when searching for flights.

International Flights
Outside of the United States, please call your local United Airlines Reservation Office. If booking through a travel professional or United Meetings at 800-426-1122, please provide the following information:

- Agreement Code: 816403
- Z Code: ZMQ

Please advise your travel agent of the following important information:
- For information on auto pricing and fare filing please have travel agencies contact United Meetings Administration at 800-322-8662.
- To avoid debit memos and ensure tracking for United Meetings Rewards, the Z-code must appear in both the Ticket Designator and Tour Code box.
- Make your reservations using the codes above and receive up to 10% off your round-trip fare.

Restrictions:
- Discounts not applicable from point-of-origins located in Japan.
- Discounts may not apply to ten (10) or more people traveling together on the same United Flight (e.g., group travel).

Annual Meeting Employment Forum & University Fair

The AAFS will be hosting its eighth annual Employment Forum and second annual University Fair during the upcoming meeting in Washington, DC. The intention is to provide employers and academic programs the following:

- Employment Forum - a means for employers and applicants to meet, exchange information, conduct informal interviews, or schedule interviews for later in the week.
- University Fair - a means for colleges and universities to promote their academic forensic science programs

The Employment Forum will be held on Tuesday, February 19, 2013, from 6:00 p.m. - 8:00 p.m.
The University Fair will be held on Thursday, February 21, 2013, from 6:00 p.m. - 8:00 p.m.

Space is limited! To reserve your place at either event, please contact Sondra Doolittle at the AAFS office by email: sdooolittle@aaufs.org, or fax: (719) 636-1993. Sondra will be happy to answer any questions you may have. Plan on joining us for the AAFS 65th Anniversary Meeting Employment Forum and/or University Fair!

Do You Need to Share a Room in Washington, DC?

If you would like to have more spending money to take in some of the “must see” sights while in Washington, DC, during the AAFS 65th Anniversary Meeting, then share a room! The AAFS office is maintaining a list of meeting attendees who would like to share a room with a colleague. For more information, please contact the AAFS office at (719) 636-1100.
Make Your 2013 Hotel Reservations Early

AAFS 65th Anniversary Meeting
February 18-23, 2013
Marriott Wardman Park Hotel
Washington, DC, U.S.A.

Marriott Wardman Park Hotel
(Headquarter Hotel)
2660 Woodley Road NW
Washington, DC 20008 USA
(202) 328-2000
Fax: (202) 234-0015
AAFS Group Reservations: (877) 212-5752; or,
(506) 474-2009 (Local)

Reservation Instructions: Reservations for the AAFS 65th Anniversary Meeting may be made online or by telephone. The group rate is currently available Friday, February 15, through Saturday, February 23, 2013. Reservations booked under the governmental published rate will be available on or after October 1. All reservations must be accompanied by a first-night room deposit or guaranteed with a major credit card. To receive the group contracted rate, reservations must be received by Monday, February 11, 2013, or prior to the room block being exhausted. Reservations received after February 11 will be based on availability and at the hotel’s prevailing rate.

Online: For hotel availability during the AAFS 65th Anniversary Meeting, please go to the AAFS Annual Meeting “Accommodations” page to make your hotel reservations. By using the links on the “Accommodations” page, you will receive the group rate for your stay during the meeting. When you use the links, you will be taken to the AAFS specific events page where you may secure your reservation at the group contracted rate of $199 (single or double occupancy).

Telephone: To make your reservations by telephone, please call Marriott Reservations toll-free at: 1 (877) 212-5752, or Marriott Wardman Park Reservations locally at: 1 (506) 474-2009. When making your reservation by telephone, please request the AAFS room block.

AAFS Guidelines For Presentations Using A LCD Projector

IMPORTANT MESSAGE:
Computers may not automatically be provided by the AAFS. However, the Section you are assigned to present before may coordinate this effort and have a computer available for your use at the meeting. Otherwise, it will be your responsibility to provide a laptop computer for your presentation. All inquiries should be addressed to your presenting section’s program chair.

PREPARING YOUR PRESENTATION:

Microsoft PowerPoint® 2003 or later is highly recommended. Other versions of PowerPoint and programs may be difficult to support at the conference. If the current version of Microsoft products is used to create the presentation, save the file as a PowerPoint 2003 version. If using MS Word, do not save the document as a “.docx” file (extension). Save the file as a “.doc” file (extension).

Dark background and light text provide acceptable contrast and display well in the darkened meeting room. Avoid distracting or otherwise hard to read color combinations such as red and blue, and yellow and green.

Arial, Times New Roman or Helvetica are the recommended font styles. Avoid using fonts that project poorly. Unusual or custom fonts may not be available on the host computer.

Use as large a font as possible and fill the screen. Anything less than 24 is too small. Suggested font sizes are Titles: 48-54, Main text titles: 32, Smallest text lines: 24.

Keep your presentation simple. Do not crowd the frame. Limit the number of text lines per frame to a maximum of seven lines, with no more than 30 characters per line.

Use simple graphs and illustrations with a minimum of captions. Avoid using thin lines, dots, dashes, or other specialty lines.

Verify your computer resolution by going to your computer’s control panel, selecting “Display” then “Settings.” The recommended resolution is 1024 x 768.
Avoid the use of commercial messages (e.g., logo), and video and audio clips unless requested previously in the abstract submission.

Save your presentation on a CD-ROM or jump/flash drive. Always test your presentation on another computer to verify file compatibility, layout, and style.

**If You Plan to Use Your Own Computer With the LCD Projector at the Meeting (Only If Allowed By Section):**
- Test your presentation with the LCD projection unit provided in the speaker ready room.
- You must report to your assigned room at least 30 minutes before the session is scheduled to begin (not your scheduled presentation time). Introduce yourself to the session moderators. Bring your presentation on a USB Drive or CD-ROM that is clearly labeled with your name. Please contact your presenting section’s Program Chair for these details.
- If allowed, each section will provide specific instructions by email prior to the meeting.
- You will be given instructions on when to connect to the LCD projection unit.

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**AAFS Guidelines for Poster Presentations**

Each poster session presenter will be provided with a 4 ft. (height) x 8 ft. (width) poster board and an ample supply of push-pins. The board will be labeled with the presentation title and pre-assigned AAFS presentation number. Presenters are responsible for posting their material at least one hour prior to the opening of the session and removing the material before leaving the presentation area or within one-half hour after the session closes if still presenting. Volunteers will be available to assist the presenters. AAFS is not responsible for material posted early or left after the session is over. Materials left will be disposed of after presentation hours.

**2013 AAFS Poster Presentation Format Are As Follows:**
- Presenting authors are asked to have their posters ready for display at 9:00 a.m. for attendee viewing.
- Presenting authors will be required to be present from 11:30 a.m. to 1:00 p.m. to answer questions.
- Posters should be removed no later than 1:15 p.m.
- AAFS or its representatives will verify poster presentations during the hours of 11:30 a.m. – 1:00 p.m. Authors who display a poster but do not present materials during required hours will not get credit for the poster presentations.
- Presenters should make arrangements with a co-author to cover lunch or breaks or presenting author should lunch or break before or after the 11:30 – 1:00 time period.
- Authors are also encouraged to bring reprints for distribution during the session and may wish to bring sign-up sheets for attendees who desire additional information.

**Content:**
The poster presentation should cover all key aspects of the work and contain the following items:
- Abstract
- Introduction
- Materials
- Methods
- Results
- Discussion
- Conclusions
- References

**Presentation Format:**
- Extensive narratives are not necessary. Short, “bulleted” statements are preferred.
- Results presented in the form of figures, diagrams, graphs, etc., are preferred, but may be presented in clear, concise tabular format.
- Statistical data should be titled and summarized in a clear, concise format.
- Material should be displayed in a logical sequence from top left to bottom right. Number all poster panels or use arrows so that the sequence of presentation is clear.
- All type should be a minimum of 14 pt and readable from a distance of 3-4 feet. Use standard type styles (e.g., Arial, Helvetica, Times New Roman).
- All poster panels should be printed with a laser or other high quality printer.
- The display does not need to be “artsy,” but the overall effectiveness of a poster presentation can be enhanced by using techniques such as mounting poster panels on colored paper or crescent board. Colors may be used to highlight important points.

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*Academy News*
FSF Needs Your Help With the 2013 $ilent Auction!

With your help, the Forensic Sciences Foundation (FSF) Annual Silent Auction can exceed expectations during the 2013 Annual Meeting in Washington, DC. Does your agency or department have “logo” gear such as hats, patches, pins, coffee mugs, T-shirts, denim shirts, polos, etc., that you would be willing to donate to the auction? Many of us are collectors of such items for display at work or at home.

Through extensive research, the FSF will obtain a number of fun items, but YOUR donation will make a huge difference. Please forward items to Kimberly Wrasse at the Academy office no later than December 31. You and your agency will be recognized for your donation. Auction items received after the deadline will be accepted for the following year. Thank you in advance.

Suggested Items . . . Patches, Mugs, Pins, Caps, and Shirts.

AAFS Policy On Abstracts and Presentations

Presentations at AAFS Annual Scientific Meetings and corresponding abstracts must be formulated to promote education and to elevate accuracy, precision, and specificity in the forensic sciences. Presentations or abstracts which promote a commercial product, company, entity, or service are not allowed at AAFS Annual Scientific Meetings. Presentations by commercial entities shall be limited to the science and not to an advertisement or promotion of their products over that of a competitor. Any abstract or presentation that is perceived by a section program chair or the Academy Program Chair as a product endorsement will not be approved for presentation at the meeting. A presentation given at a meeting that, in the opinion of the section program chair or the Academy Program Chair, is a product endorsement may result in the presenter and corresponding company being barred from making presentations at future AAFS meetings.

Under the pre-condition that, in the submission process, authors must still disclose any specific references to products with commercial names, presentations and abstracts are allowed to mention a product by name only in the context of describing a scientific methodology or the source of sample. For example, specimens often have unique physical or chemical properties that are the key to their identification or analysis (e.g., Dacron fibers, Glock rifling, 3M tapes, explosive formulations, coating materials, etc.). It is appropriate for those materials to be specifically identified since they are relevant to the scientific results or references to specific reagents or instrumentation validated for use in the analytical procedure being presented where the use of a different product may affect the outcome of the analysis (e.g., Identifiler™ Amplification Kit, Agilent 5860 GC, HP-1 column, Olympus BHP microscope, etc.).

AAFS reserves the right to remove commercial references not disclosed by the author.

Guidelines for the Richard Rosner Award for the Best Paper

The Psychiatry & Behavioral Science Section of the American Academy of Forensic Sciences announces its annual award, “The Richard Rosner Award for the Best Paper by a Fellow in Forensic Psychiatry or Forensic Psychology.” To qualify: 1) the paper should have been completed as part of the work of the forensic fellowship year, OR within one year of the completion of the forensic fellowship year based upon work or research that took place during that year, 2) the paper must have not been previously published, and 3) submission constitutes permission for publication in the Journal of Forensic Sciences.

To apply for the award: 1) send the original paper, plus six copies, 2) send an original letter, plus six copies, from the director of the forensic fellowship program affirming that the author was a forensic fellow and the year of the author’s forensic fellowship, and 3) send seven copies of the author’s curriculum vitae. All submissions should be sent to Sondra Doolittle, AAFS, 410 North 21st Street, Colorado Springs, CO 80904. Submissions must be received by December 31.

The award consists of:
• Free membership for one year in the Psychiatry & Behavioral Science Section of the AAFS, if the author meets the requirements and completes the application process;
• Free registration to the AAFS Annual Scientific Meeting;
• Acceptance of the paper for presentation at the AAFS Annual Scientific Meeting in the Psychiatry & Behavioral Science Section;
• Free subscription for one year to the Journal of Forensic Sciences;
• Recommendation of publication to the Editorial Board of the Journal of Forensic Sciences; and
• A cash award of $350 to the author.
American Academy of Forensic Sciences • Pre-Registration Form
65th Anniversary Meeting • February 18-23, 2013 • Washington, DC
Pre-Registration Deadline – January 23, 2013
Register Online at www.aafs.org.

Registration forms must be received by Wednesday, January 23, to be eligible to register for the 2013 Special Functions and to qualify for the discounted registration rate. On January 24, 2013, the on-site rates become effective and registration for the 2013 Special Functions will be voided.

Registration questions may be directed to Tracie McCray (tmccray@aafs.org or 719.636.1100).

REGISTRATION INFORMATION

First/Given Name: ________________________________ Last/Family Name: ________________________________ Salutation (Dr/Mr/Ms): ______________

Mailing Address: ____________________________________________________________

City: ________________________________ State/Province: ________________________________ Zip/Postal Code: ________________________________ Country: ________________________________

Cell Phone: ________________________________ Email: ________________________________

Badge Name (one degree only): ________________________________ Badge Agency/School: ________________________________

First AAFS Meeting: Yes No Hotel: ________________________________

Attending Guest: Yes No Guest Name: ________________________________

One non-forensic scientist guest registration is permitted with each full-paying registration. Guest registration includes a name badge only and is not eligible for Continuing Education credit or Workshop Registration; however, Breakfast and Luncheon Seminar tickets may be purchased by the pre-registration deadline.

ADA Accommodations & General Information

Please list any special dietary needs:

Please list ADA accommodation requests:

Please note: This ADA Accommodations request refers to meeting/session accommodations (e.g., wheelchair access, assisted listening devices, etc.). ADA accommodations related to hotel room reservations should be directed to the hotel when making reservations. ADA Accommodations are required by the Pre-Registration deadline (January 23, 2013). Requests received after this date may not be processed or fulfilled in time.

Vocational Status: □ Professional □ Student □ Academic □ Decision Maker □ Purchasing Agent □ Other

Would you like to receive pre-meeting exhibitor mailings?: □ Yes □ No

CONTINUING EDUCATION CREDIT

□ $50 Administrative Fee

Registrants must pick up a CE Credit Request Form at the registration counter and submit by the deadline for credit/certificate. AAFS is an accredited provider by the Accreditation Council for Continuing Medical Education (ACCME), Academy of General Dentistry (AGD), and American Association of Clinical Chemistry (AACC). In addition, credits for continuing legal education and general continuing education are offered.

REGISTRATION FEES

Includes admittance into AAFS sessions starting with the Tuesday evening Welcoming Reception through the Saturday morning Scientific Sessions (excludes all Special Functions).

<table>
<thead>
<tr>
<th>Category</th>
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<tr>
<td>□ AAFS Members, Trainee Affiliates, Applicants*</td>
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<td>□ AAFS Students</td>
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<td>□ AAFS Retired Fellows</td>
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<td>□ Non-Members</td>
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<td>$495</td>
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<tr>
<td>□ Non-Member Trainees*</td>
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<td>□ Full-Time Students*</td>
<td>$100</td>
<td>$125</td>
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<tr>
<td>□ IAI Members* □ APTE Members*</td>
<td>$275</td>
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<tr>
<td>Daily: □ Wed □ Thurs □ Fri □ Sat</td>
<td>$135/DAY</td>
<td>$150/DAY</td>
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<tr>
<td>□ Workshop Only</td>
<td>See Special Functions</td>
<td>Not Available</td>
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A complimentary beverage ticket is included with all registrations categories except Student, Daily, and Workshop Only.

*Must provide/additional documentation by the January 23, 2013, pre-registration deadline (see below):

- Applicants – AAFS membership application on file with Academy Office.
- Non-Member Trainees – Letter from employer verifying trainee status.
- Full-Time Students – Proof of full-time status.
- IAI & APTE Members – Proof of current membership.

Refund Policy: All requests for refunds must be submitted via mail or email (tmccray@aafs.org). Phone and faxed requests are not accepted. Cancelled registration fees will be refunded accordingly: Dec 1-31 at 75%; Jan 1-31 at 60%; Feb 1-6 at 50%; No refunds after February 6.
## SPECIAL FUNCTIONS

The following sessions are priced separately and are not included in the Registration Fee. Special Functions fill quickly due to limited seating. Registration for all Special Functions officially closes as of the January 23, 2013, pre-registration deadline. AAFS has a firm policy that non-registered attendance or auditing is not permitted in these sessions.

<table>
<thead>
<tr>
<th>Breakfast Seminars</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Mon B1 Grant Funding Opportunities in the Forensic Sciences for Academic Programs</td>
<td>$44</td>
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<tr>
<td>Wed B4 They REALLY Are Out to Kill You: The Inconvenience of Lawyer Involvement</td>
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<tr>
<td>Thurs B5 How to Write Bestselling Novels and Screenplays In Your Spare Time: Tips From the Pros</td>
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<tr>
<td>Thurs B6 The Ballistic Evidence in the Assassination of John Fitzgerald Kennedy</td>
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<tr>
<td>Fri B7 The Washing Away of Wrongs: Forensic Medicine in 13th-Century China</td>
<td>$44</td>
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<td>Fri B8 Thomas Krane Memorial Bicentennial Breakfast — Lessons From Eyewitness Identification Research</td>
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<tr>
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<table>
<thead>
<tr>
<th>Luncheon Seminars (Section Business Meetings begin after the Luncheons. See Calendar of Events for start times.)</th>
<th>Fee</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed L3 Digital &amp; Multimedia Sciences Section Business Luncheon</td>
<td>$55</td>
<td></td>
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<tr>
<td>Wed L4 General Section Business Luncheon</td>
<td>$55</td>
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<tr>
<td>Wed L5 Jurisprudence Section Business Luncheon</td>
<td>$55</td>
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<tr>
<td>Wed L6 Pathology/Biology Section Business Luncheon</td>
<td>$55</td>
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<tr>
<td>Wed L7 Toxicology Section Business Luncheon</td>
<td>$55</td>
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<table>
<thead>
<tr>
<th>Special Sessions</th>
<th>Fee</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tues S1 Interdisciplinary Symposium — Senator Patrick J. Leahy and a Uniform, National Forensic Science Enterprise</td>
<td>$50</td>
<td>$</td>
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<tr>
<td>Tues S2 Young Forensic Scientists Forum</td>
<td>$100</td>
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</table>

<table>
<thead>
<tr>
<th>Workshops</th>
<th>With Meeting</th>
<th>Workshop Only</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon W1 Practice, Procedures, and Protocols: How SWGDE, SWGIT, and FISWG Can Help</td>
<td>$100</td>
<td>$125</td>
<td>$</td>
</tr>
<tr>
<td>Mon W2 Electrocution, Electrical Injury, and Lighting Death Investigations</td>
<td>$125</td>
<td>$150</td>
<td>$</td>
</tr>
<tr>
<td>Mon/Tues W3 Analysis and Interpretation of Chemical Unknowns</td>
<td>$325</td>
<td>$375</td>
<td>$</td>
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<tr>
<td>Mon W4 Signature Examination of Healthy and Impaired Writers</td>
<td>$200</td>
<td>$250</td>
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<tr>
<td>Mon W5 Science in the Courtroom: A Matter of Perspective?</td>
<td>$200</td>
<td>$250</td>
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<tr>
<td>Mon W6 Beyond the Numbers: An Objective Approach to Forensic Toxicological Interpretation</td>
<td>$200</td>
<td>$250</td>
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<tr>
<td>Mon W7 Practical Homicide and Medicolegal Death Investigation</td>
<td>$100</td>
<td>$125</td>
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<tr>
<td>Mon W8 Multidisciplinary Approaches to Effective Communication and Report Writing</td>
<td>$200</td>
<td>$250</td>
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<tr>
<td>Mon W9 The Predator Next Door: Everything You Always Wanted to Know About Sex Offenders</td>
<td>$200</td>
<td>$250</td>
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<tr>
<td>Mon W10 Quality Assurance in Human Identification</td>
<td>$200</td>
<td>$250</td>
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<tr>
<td>Mon W11 Bones and Children: An Interdisciplinary Approach to Forensic Issues</td>
<td>$200</td>
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<tr>
<td>Mon W12 Principles and Applications of Liquid Chromatography Mass Spectrometry (LC/MS)</td>
<td>$100</td>
<td>$125</td>
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<tr>
<td>Mon W13 Calculating Likelihood Ratios Incorporating a Probability of Drop-Out: Introducing Lab Retriever</td>
<td>$100</td>
<td>$125</td>
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<tr>
<td>Mon W14 Meetslee-Disc, Balancing, and Williams: Scientific Evidence and the Right to Confrontation</td>
<td>$100</td>
<td>$125</td>
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<tr>
<td>Tues W15 Improving the Effectiveness of Forensic Service: Using the Forensi project</td>
<td>$100</td>
<td>$125</td>
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<tr>
<td>Tues W16 Forensic Entomological Aspects of Abuse and Neglect</td>
<td>$100</td>
<td>$125</td>
<td>$</td>
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<tr>
<td>Tues W17 Image Analysis — 3D Imaging and Autopsies: Developmental Methods, and Reasoning</td>
<td>$100</td>
<td>$125</td>
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<tr>
<td>Tues W18 Slaged Crime Scene: Crime Scene Clues to Suspect Misdirection of the Investigation</td>
<td>$200</td>
<td>$250</td>
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<tr>
<td>Tues W19 Developments in Emerging and Designer Drug Markets 2013</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
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<tr>
<td>Tues W20 Mobile Devices Examination</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
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<tr>
<td>Tues W21 Tracking John Wilkes Booth: An Interpretive Bus Tour</td>
<td>$150</td>
<td>$175</td>
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<tr>
<td>Tues W22 Pediatric Pathology for Forensic Pathologists: What They Can Do for Us</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
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<tr>
<td>Tues W23 DNA in Real Time: Amplifying Productivity in Today’s Forensic Laboratory</td>
<td>$100</td>
<td>$125</td>
<td>$</td>
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</tbody>
</table>

**Special Functions Sub-Total:** $
BRING YOUR OWN SLIDES in PowerPoint (BYOS.ppt)
Wednesday Evening: 8:00 p.m. - 10:00 p.m.

In order to keep BYOS.ppt informal, fun, and informative for the large and diverse audience, here are a few things to keep in mind for the BYOS.ppt program at the 2013 AAFS 65th Anniversary Meeting in Washington, DC:

- To present at BYOS.ppt, presentations must be in PowerPoint format. 35mm slides are not accepted.
- Proposals must be submitted on this form, accompanied by a “6-slides per page” printout of the presentation, and an electronic copy on CD or flash drive.
- BYOS is not intended as a forum to present scientific papers. It is designed as a means to present interesting information and/or unusual case(s) that may be educational and blended with humor.
- Speakers should plan on ten minutes in which to present their material.
- Material being presented in other parts of the AAFS scientific program will not be accepted at BYOS.ppt.
- Tables, charts, and graphs should be avoided - making every effort to use slides of scenes, bodily findings, and evidence.

This complete form, a “6-slides per page” printout, and the electronic presentation copy should be delivered to the on-site AAFS Staff Office on or before 4:00 p.m., Wednesday, February 20, 2013. Presentations will be selected and scheduled based on perceived interest to the audience and in the order in which the completed submissions are received. This form and required printout are needed to organize the BYOS.ppt program and to allow appropriate allocation of continuing education credit. A BYOS.ppt Program Form also will be placed in each registrant’s meeting packet.

BYOS PROGRAM FORM

Name (include academic degree/s) __________________________________________________________________________

Job title _________________________________________________________________________________________________

Place of employment _______________________________________________________________________________________

AAFS Section Affiliation (if none, write “none”) _________________________________________________________________

The presentation is being offered primarily to:

☐ Solicit input/advice on a challenging case
☐ Present interesting information or case(s) for educational purposes
☐ Entertainment

Presentation is:

☐ A single case
☐ A series of cases with a common topic
☐ Multiple cases with unrelated topics
☐ Other (please specify):

Briefly describe the material to be presented: _______________________________________________________________________
____________________________________________________________________________________________________________

What are the major points to be emphasized?
____________________________________________________________________________________________________________

How will the attendees benefit from this presentation?
____________________________________________________________________________________________________________

Is there financial interest in the material being discussed? ☐ No ☐ Yes (If yes, please describe)
____________________________________________________________________________________________________________

How much presentation time is required? __________ minutes How many PowerPoint slides will be shown? __________

Presenter’s local hotel ________________________________ Room # _____ Phone # _________________________

The BYOS agenda, scheduled presentation times, and continuing education credit hours will be posted near the BYOS meeting room.
If you have any questions, contact Salena Medina at (719) 636-1100, or at the on-site AAFS Staff Office.

AAFS STAFF USE ONLY: Date Received: _________________________ Time: _____________________
VOLUNTEERS NEEDED FOR THE 2013 AAFS 65th ANNIVERSARY MEETING

The 2013 AAFS 65th Anniversary Meeting will take place February 18-23, in Washington, DC. We need volunteers to accomplish an array of administrative and gate-keeping tasks throughout the week of the meeting. Volunteers who are not members of the Academy may receive complimentary registration to attend all non-ticketed sessions of the meeting with a minimum of eight (8) hours of completed volunteer service at the meeting. This does not include sessions requiring pre-registration or fees other than the basic meeting registration fee. If you plan to attend any of the special sessions (e.g., workshops, breakfasts, luncheons, etc.), please contact the Volunteer Coordinator for the AAFS Registration Form. Please Note: Those individuals receiving complimentary registration will not be eligible for continuing education credit. Inactive members of the Academy are not eligible to receive complimentary registration.

Although AAFS members do not receive complimentary registration for volunteering, the Academy needs its members to volunteer. Your service to the Academy is instrumental in making the event a success. Persons accompanying registered attendees are also welcome to volunteer if they wish.

Below is a list of the various areas where we need volunteers and an information form. Credit card information is required; however, your card will only be charged should you fail to fulfill your volunteer commitment and attend the meeting. Volunteer applications must be received no later than December 1, 2012, and are accepted on a first-come, first-served basis. Incomplete forms are not accepted.

### AAFS 65th Anniversary Meeting Volunteer Information Form*

| Name: ___________________________ | Salutation: _______ | Degree: _________ | Organization: ___________________________
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Mailing Address: ___________________</td>
<td>City: _______________</td>
<td>State/Province: ___________</td>
<td>Zip/Postal Code: ___________</td>
</tr>
</tbody>
</table>
| Home Phone: ______________________ | Cell Phone: ___________ | Work Phone: ___________ | Fax: ______________________ | Email: ______________________ | Gender: M[ ] F[ ]

The best way to contact me during the meeting is:[ ] Phone [ ] Email [ ] Other: ___________________________

AAFS Member? Yes [ ] No [ ] Member#: ____________________________ Are you able to lift 50 lbs? Yes[ ] No[ ]

Are you bilingual? Yes [ ] No [ ] If needed are you willing to translate? Y[ ] N[ ] Language(s): ____________________________

Credit Card #: ____________________________ | Ex. Date: ___________ | MC [ ] Visa [ ] AE [ ]

Signature: ____________________________

AAFS is authorized to charge up to the 2013 Non-Member registration rate for registration fees should I attend the meeting and not fulfill my volunteer work assignment(s).

I plan to arrive in Washington, DC on ____________________________ and depart on ____________________________

Please check all dates you are available to volunteer. Mark the time(s) of day you are available (am and/or pm) as well as the maximum number of days for which you are willing to volunteer. Please Note: We make every attempt to fulfill your requests; however, there is no guarantee your requests will match our needs.

<table>
<thead>
<tr>
<th>Dates Available</th>
<th>Time of Day Available</th>
<th>I prefer to work: [ ] Full Days [ ] Half Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, February 16</td>
<td>am</td>
<td>pm</td>
</tr>
<tr>
<td>Sunday, February 17</td>
<td>am</td>
<td>pm</td>
</tr>
<tr>
<td>Monday, February 18</td>
<td>am</td>
<td>pm</td>
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<tr>
<td>Tuesday, February 19</td>
<td>am</td>
<td>pm</td>
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<tr>
<td>Wednesday, February 20</td>
<td>am</td>
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<tr>
<td>Thursday, February 21</td>
<td>am</td>
<td>pm</td>
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<tr>
<td>Friday, February 22</td>
<td>am</td>
<td>pm</td>
</tr>
<tr>
<td>Saturday, February 23</td>
<td>am</td>
<td>pm</td>
</tr>
</tbody>
</table>

Maximum number of days willing to work:

[ ] I am requesting “Complimentary” registration as a non-member with a minimum of eight (8) hours of volunteer service.

*Return completed form by December 1, 2012, to:

Heather Wagner, AAFS Volunteer Coordinator
410 North 21st Street, Colorado Springs, CO 80904
Fax: (719) 636-1993
hwagner@aaafs.org

Special accommodations needed (describe need):

*You must fill out the form completely. Incomplete forms are not accepted.
Amazing Academy Altruism of Each Section’s 2012 AAFS Reference Series Editors

Source: Laura L. Liptai, PhD, Engineering Sciences Section Board of Directors Representative

There were forty-two 2012 Reference Series editors including eleven section leaders who volunteered to transform the accessibility of 3,200 pages of our historical proceedings. This project embodied the AAFS’s philanthropic spirit under the direction of President Robert Barsley, the Board of Directors, AAFS staff, and the Reference Series editors. Only the strength of the Academy can assemble an editorial A-team in a single bound! The team benefited from the tutelage of former presidents including: Doug Ubelaker, Tom Bohan, Carol Henderson, Richard Rosner, Haskell Pfitz, and Steve Battersman. This contribution furthered our AAFS mission to promote professionalism, integrity, competency, education, foster research, improve practice, and encourage collaboration in the forensic sciences.

President Barsley’s initiative for the balance of the year is to conduct an analysis of the feasibility of including all historical proceedings. If you have copies of older AAFS Programs containing abstracts (Proceedings) from 1975 through 2001 that you would like to donate to this effort, please contact Sonya Bynoe at sbynoe@aafs.org.

Our next goal is a financially responsible, easily accessible, user-friendly, and searchable electronic format. This is the language of our young mentees and the information-driven future of forensics. It is important to authenticate our long-standing institutional knowledge because it’s true—history does repeat itself.

Criminalistics: Ken Williams, MS, JD – Section Leader; Susan M. Ballou, MS; Barbara E. Llewellyn, PhD; and Jennifer S. Mihalovich, MPH

Digital & Multimedia Sciences: Douglas S. Lacey, BS – Section Leader; David W. Baker, MFS; Marla E. Carroll, BS; Zeno J. Gerads, PhD; Jason M. Paroff, JD; and Carrie M. Whitcomb, MSFS

Engineering Sciences: Laura L. Liptai, PhD – Section Leader; and Anastasia Micheals, MS

General: Robert C. Gaffney, MFS – Section Leader; William B. Andrews, MFS; Amy Y. Carney, PhD; and Julie A. Howe, MBA

Jurisprudence: Andrew Sulner, JD – Section Leader; Betty Layne DesPortes, JD; Joseph J. Maltese, JD; and Paul Messner, JD

Odontology: Robert E. Barsley, DDS, JD – Section Leader; and Robert B. J. Dorion, DDS

Pathology/Biology: Gregory G. Davis, MD – Section Leader; Amy C. Gruszewski, DO; J. Keith Pinckard, MD, PhD; Jeffery K. Tomberlin, PhD; and Victor W. Weedn, MD, JD

Physical Anthropology: William R. Belcher, PhD – Section Leader; Laura Fulginiti, PhD; Susan M.T. Myster, PhD; Norman J. Sauer, PhD; and Douglas H. Ubelaker, PhD

Psychiatry & Behavioral Science: Daniel A. Martell, PhD – Section Leader; and Stephen B. Billick, MD

Questioned Documents: Thomas W. Vastrick, BS – Section Leader; Carl R. McClary, B.A.; and William M. Riordan, BA

Toxicology: Ruth E. Winecker, PhD – Section Leader; Phillip M. Kemp, PhD; Loralie J. Langman, PhD; Barry K. Logan, PhD; and Jeri D. Ropero-Miller, PhD

In Memoriam

John E. Adams, MD Retired Fellow of the Pathology/Biology Section October 2012
Martin D. Avolt, DVM Fellow of the General Section August 2012
Thomas A. Easterling, MS Retired Fellow of the Criminalistics Section January 2011
Andrew J. Friedman, BA, BS Associate Member of the Engineering Sciences Section October 2009
Lauren J. Goin, M.Crim Retired Fellow of the Criminalistics Section June 2012
Page Hudson, MD Retired Fellow of the Pathology/Biology Section September 2012
Gottfried Machata, PhD Retired Fellow of the Toxicology Section September 2012
Congratulations to the entire FEPAC community for receiving formal recognition from the Council for Higher Education Accreditation (CHEA)! This honor was bestowed upon FEPAC after years of work through the application, self study, and recognition process. FEPAC joins an elite group of approximately 60 recognized institutional and programmatic accrediting organizations. While an achievement of this magnitude occurs only as a result of the dedication and efforts of many, I would like to offer a special thanks to Nancy Jackson, Director of Accreditation, and Larry Quarino, former Chair of FEPAC.

CHEA is an oversight body that accredits institutional and programmatic accrediting organizations throughout the United States. CHEA is the largest higher education membership organization in the United States, with approximately 3,000 degree-granting colleges and universities. CHEA is governed by a board consisting of members including university presidents, institutional representatives, and public members.

CHEA Recognition is the scrutiny and certification of quality regional, faith-based, private career, and programmatic accrediting organizations. CHEA Recognition Standards focus on the following objectives:

1) Advance academic quality,
2) Demonstrate accountability,
3) Encourage, where appropriate, self scrutiny and planning for change and needed improvements,
4) Employ fair and appropriate procedures in decision making,
5) Demonstrate ongoing review of accreditation practice, and
6) Possess sufficient resources.

As part of the Recognition process, primarily through self study and peer review, FEPAC Commissioners had to establish in great detail that FEPAC standards addressed each of the above listed CHEA Recognition Standards. At the conclusion of this extensive process CHEA determined that FEPAC standards adequately address each objective and comply with the intent of the specific CHEA Recognition Standards. One issue that was raised through the process was the need for FEPAC to be more transparent in the public domains and ensure that there are mechanisms to inform the public of decisions on accreditation status for individual programs. In addition, each accredited program is required to list student success measures related to their FEPAC accredited programs on a university website or other public domain. Further, FEPAC will be required to provide a report to CHEA on emerging changes in the field of forensic science and how FEPAC’s standards may have affected these changes.

So in a practical sense, what does this mean for the forensic science community? FEPAC Commissioners can celebrate a brief moment of accomplishment, but will need to quickly focus on the high-level mandates associated with CHEA Recognition Standards. Programs that are currently accredited by FEPAC will benefit form the reality that CHEA Recognition increases the reputation of the quality of FEPAC as an accrediting body within the greater higher education community. Of course with that enhanced recognition comes increased responsibilities. Accredited programs will have to continue self evaluation and seek opportunities for improvement. For programs not already FEPAC-accredited, here is yet another really good reason for moving your program forward through self study and peer review, culminating in a successful FEPAC application process. Nothing of value is easy, and the degree of difficulty that certain programs face to meet FEPAC standards may be substantial; however, it is more important than ever to achieve FEPAC accreditation. Practitioners and lab directors can continue to support forensic science programs that produce high caliber students by providing internships and research, as well as granting preferential hiring to graduates of FEPAC accredited programs.
Each year the Forensic Sciences Foundation (FSF) awards monies in the form of grants to members of the forensic science communities for research conducted throughout the year. The FSF has awarded the 2012-13 FSF Acorn and Lucas Grants as well as co-awarded the FSF/NIJ Forensic Science Student Research Grant, which is awarded to students in the field of forensic sciences.

The Forensic Sciences Foundation is pleased to announce the recipients of the research awards for this year. Congratulations!

The FSF Acorn Grant recipients are:

Sulekha Coticone, PhD - $350 for Organic Osmolytes as Long-Term Storage Preservatives for Biological Samples in Forensic Analysis
Tracy L. Rogers, PhD - $470
Victoria Springer, MA - $480 for Cognitive Processing in Signature Analysis: Examining the Effect of Mode of Visual Presentation on Examiner Accuracy

The FSF Lucas Grant recipients are:

Ashley Hall, PhD - $2,700 for In Situ Targeted Genome Amplification - a Method for the Analysis of LCN and/or Mixed Samples
Patrick E. Lantz, MD - $3,500 for Histopathological Examination of Childhood Optic Nerve Sheath Hemorrhage
Murray K. Marks, PhD - $2,500 for Histopathology of the Pediatric Antemortem Fracture Callus

The FSF/NIJ Forensic Science Student Research Grant recipients are:

Ashley L. Brooks, BS - $5,672 for Development of a Multiplexed SNP Identification Panel for Random-Bred Domestic Cats
Yuen M. Cho, BS - $4,486 for Quantitative Differentiation of Contact and Dynamic Bloodstain Patterns on Fabrics
Daniela D. Cuenca, BS - $6,975 for Analysis ofForensically Relevant Degraded and Limited DNA Samples Using Probe Capture and Next Generation Sequencing
Lisa M. Hebda, BS - $5,806 for Increasing the Success of DNA Analysis From Skeletal Remains: Comparing Standard Methods to Methods Designed to Remove PCR Inhibitors
Tiffany L. McCann, BS - $6,000 for Marijuana Profiling Using Headspace Solid Phase Microextraction Coupled with Gas Chromatography/Mass Spectrometry
Michelle Metzchian, BS - $5,784 for Mitochondrial DNA Recovery and Analysis From Spent Cartridge Casings
Hope E. Parker, BS - $7,000 for Development of a Scorpion-Based Multiplex qPCR Assay for Pre-Screening Mixture Detection
Lauren Phillips, BS - $7,000 for Geolocation of Trace Evidence using Metal Signatures and Hydrocarbons on Pollen Grains
Teresa K. Sikes, BS - $6,996 for An Integrated Microdevice for DNA Extraction and Amplification of Forensic Samples Using Infrared-Mediated Heating and Centrifugal Forces
The Forensic Sciences Foundation, Inc., gratefully acknowledges the generous contributions made to the Foundation and its Endowment Fund. Please accept our apologies if your name has been inadvertently omitted and contact the AAFS office as soon as possible with the correction. This listing reflects contributions received from 07/01/12 through 10/01/12.

The Fund’s balance through 10/01/12 was $770,544.90. Additionally, the FSF Endowment Fund has provided $170,708.73 in awards and grants since its inception in 1990.

FSF Endowment Fund Contributors

**CRIMINALISTICS**

$101+ - “Executive Circle”
Cecelia Crouse, PhD
Christie Davis, PhD
Barry Fisher, MS, MBA
Daniel Nippes, MS
Carla Noziglia, MS
Ronald Singer, MS
Kay Sweeney, BS

$51-$100 - “Trustee”
Dean Gialamas, MS
Gregory Matheson, BS
George Sensibaugh, D.Crim
David Szymanski, PhD

$51-$100 - “Board Member”
Todd Bille, MS
Daniel Gregonis, MS
John Gunn, BS
Roger Kuhn, PhD
Michael Prinz, PhD
Manuel Valadez, Jr., BS

**ENGINEERING SCIENCES**

$101+ - “Executive Circle”
Robert Anderson, PhD

$51-$100 - “Trustee”
Laura Liptai, PhD

Up to $50 - “Board Member”
Robert Witter, M.S.E.E., PE

**ODONTOLOGY**

$101+ - “Executive Circle”
John Filippi, DDS
Adam Freeman, DDS

$51-$100 - “Trustee”
Lisa Franklin, DDS
Gregory Golden, DDS
Robert Johnson, DDS
Peter Loomis, DDS
Holland Maness, M.D.
Susan Rivera, DDS
Kathryn Vitello, DMD
Robert Wood, DDS, PhD

Up to $50 - “Board Member”
Kenneth Aschheim, DDS
John Carson, DDS
Kent Caserta, DDS
James McGivney, DMD
Randolph Mitchell, DMD
John Piaksi, DDS
Robert Preston, DDS

**GENERAL**

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William Andrews, MFS
Alan Boehl, MFS
Robert Gaffney, MFS
John Gerns, MFS

$51-$100 - “Trustee”
Kenneth Moses, AB

$51-$100 - “Trustee”
Edgar Collins, VI, MFS
L. Gabriel, EdD, RN
John Mastalski, BA
Cheryl Nelson, DVM

**DIGITAL & MULTIMEDIA SCIENCES**

$101+ - “Executive Circle”
Rhesa Gilliland, MS

Up to $50 - “Board Member”
Josiah Dykstra, MS

**JURISPRUDENCE**

$51-$100 - “Board Member”
Stephanie Domitrovich, JD, PhD

**PATHOLOGY/BIOLOGY**

$101+ - “Executive Circle”
Joseph Davis, MD
Scott Denton, MD
James Gill, MD
FORENSIC SCIENCES FOUNDATION

Endowment Fund Contribution

Name
Address
City                             State
Forensic Sciences Foundation Contribution
80% Restricted Endowment, 20% General: $ ___________
Forensic Sciences Foundation Restricted Endowment Contribution: $ ___________
Forensic Sciences Foundation General Contribution: $ ___________
Mail to:                         Forensic Sciences Foundation, Inc.
                                 410 N. 21st Street
                                 Colorado Springs, CO 80904
                                 (719) 636-1100       Fax: (719) 636-1993

Thank you for your commitment to forensic sciences. Contributions to the Forensic Sciences Foundation are deductible as charitable contributions for federal income tax purposes. Your contribution will be acknowledged in the Academy News.

☐ Visa   ☐ Mastercard   ☐ Enclosed Check (Payable to: FSF)
Account No: ____________________________
Signature: ____________________________
Expiration Date: ____________________________

Signature, Account Number and Expiration Date Required for Credit Card

IN MEMORY OF
Janet Elliott
In Memory of Karen S. Runyon, BA
Jane Kaminski, DDS
In Memory of John M. Williams, DDS
FSF “I Gave An Hour” Contributors

Former FSF Trustee Gil Brodgon came up with a great idea for Academy members with advanced degrees. The idea was for everyone to consider contributing to the FSF the equivalent of one hour of their annual salary or the equivalent of the fee charged for one hour of consultation. The forensic sciences have been good to all of us. If you make a lot, consider contributing a lot! For salaried persons, one hour represents about 1/2000th of annual income. For those who receive consulting fees, please consider contributing an amount consistent with one hour (or more) of what you charge for consultation. The fund’s balance through 09/30/2012 was $52,084.82. For those of you who would like to contribute, please complete the IGAH form and return to the AAFS office.

Dennis Akin, BS
Susan Anton, PhD
Douglas Arendt, DDS
Andrew Baker, MD
William Belcher, PhD
Nicole Belden, BS
Joseph Bono, MA
Angela Canfield, DDS
Michael Caplis, PhD
Joanna Collins, MFS
Heather Coyle, PhD
Roy Crawford, BSME
Thomas David, DDS
Lucy Davis, BHS
Ann Davis, MS
John De Haan, PhD
Sharon Derrick, PhD
Betty Layne DesPortes, JD
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ranald Donaldson, MD
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Adam Freeman, DDS
James Frost, MD
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Simson Garfinkel, PhD
Zeno Gerads, PhD
Rhesa Gilliland, MS
Ignazio Grattaglano, MD
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Mitchell Kirschbaum, DDS
Nikolas Lemos, PhD
John Lenti, BA
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Thank you for your commitment to the forensic sciences.
President’s Message cont.

I also wish to once again thank Laura Liptai for her tireless efforts, in conjunction with the AAFS staff, to publish the last decade of the AAFS Proceedings. The staff and Board of Directors are investigating ways to make succeeding years’ information similarly available. We are also investigating the costs and barriers in making the nearly 3,500 abstracts from 1976 through 2001 available. The major hurdle is that the Academy maintains only single copies of most of these early year volumes and cannot allow them to be possibly destroyed or lost in the digitization process. Therefore, I am requesting that if you have some of these early years meeting books in your personal collection, please contact Sonya Bynoe (sbynoe@aafs.org) at the Academy office to coordinate their possible donation or use. We are exploring affordable, non-destructive methods to convert them to electronic media instead of merely separating the pages (and thus destroying the books) for copying.

I also wish to thank those who have volunteered to present at the National Association of Criminal Defense Lawyers (NADCL) meeting being held next door to our meeting venue at the Omni Hotel on Friday, February 22. The AAFS also been asked to coordinate a presentation at the Smithsonian Institution on Saturday February 23. This will be the third time that the Academy has furnished speakers to the Smithsonian in conjunction with AAFS meetings in our nation’s capital. Four topics will be hosted by Academy members. This promises to be an interesting program for the general public and for any of our members who may be staying over.

General Section Perspective cont.

The number of training courses has increased significantly across all forensic disciplines. Of concern is the quality and content of training being offered by inexperienced or unqualified individuals. It is the responsibility of practitioners to monitor and avoid junk science education and publications being accepted.

Since the National Academy of Science’s publication in 2009, each forensic discipline is expected to have all practitioners be personally certified by its certification body in the near future. The Forensic Specialties Accreditation Board (FSAB) was developed to advance the reliability and validity of forensic evidence through accreditation of quality organizations that credential and certify individual forensic specialists. FSAB ensures that quality certification is available to all forensic disciplines as recommended by the NAS Report.

General Section forensic scientists have been actively involved in standards development, monitoring and updating standards of practice, and promoting and supporting professional personal certification via the accredited certifying body. Members serve on boards and committees involved in these activities to ensure that forensic science is properly advancing while serving the public and providing justice.

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<th>COMING SOON!</th>
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<td>A new co-publication by Wiley-Blackwell and the American Academy of Forensic Sciences</td>
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Section News

CRIMINALISTICS

Source: Jennifer S. Mihalovich, MPH
Section Secretary

Improved by Education and Research

“Education is the most powerful weapon which you can use to change the world.” — Nelson Mandela

Are we ready to change our world? The world of Forensic Science? The 2009 NAS Report, Strengthening Forensic Science in the United States: A Path Forward has changed our world.

The American Academy of Forensic Sciences was specifically referenced in the NAS Report:

AAFS, with 6,000 members worldwide, was founded in 1948. It created and supports the Forensic Specialties Accreditation Board, which accredits certification organizations. Membership includes physicians, attorneys, dentists, toxicologists, physical anthropologists, document examiners, psychiatrists, physicists, engineers, criminalists, educators, and others. AAFS sponsors an annual scientific meeting, publishes the Journal of Forensic Sciences, and promotes research, education, and training. It also operates the Forensic Science Education Programs Accreditation Commission.

Science advances at an alarming rate. Just think—a third of the population has never known a world without the space shuttles. The formal education many of us received was years ago. The formal academic education built a broad knowledge foundation of fundamental principles. This education provided the basis for understanding the scientific method, developing and critiquing new techniques, and knowing what questions must be asked to develop valuable unbiased information. But learning cannot stop with formal education.

Criminalistics laboratories need to enhance formal education by embracing continued professional development and by providing the means to update the knowledge to keep pace with advances in technology. Fortunately, there are many organizations that offer educational courses and training and embrace opportunities for forensic scientists to acquire knowledge about theories and principles relating to their specific disciplines. By giving people time and funding to pursue knowledge through outside sources, criminalistics laboratories support both the short-term and long-term goals of the lab and the scientist.

Training is the formal, structured process through which a forensic scientist reaches a level of scientific knowledge and expertise required to conduct specific forensic analyses. Appropriate training is required before an individual is assigned case analysis responsibilities (Education and Training in Forensic Science: A Guide for Forensic Science Laboratories, Educational Institutions, and Students, NIJ Special Report, June 2004). Forensic science education and training must provide the tools needed to understand the probabilities and the limits of decision-making under conditions of uncertainty.

Scientific advances in forensic science techniques and research within the forensic science disciplines must be of great interest to the forensic scientist. The forensic scientist must build upon their valuable education by taking on the responsibility of continuing their professional development and training. Continuing professional development and training can be accomplished through a variety of vehicles: in-lab training, technique specific coursework, workshops, online courses, and symposia. This continued education affords them the opportunity to advance to a higher level of expertise, specialization, or responsibility. Additionally, the continued education of the forensic scientist may be needed to attain or maintain individual certification. The forensic...
simultaneously receives a mating radio signal in an authorized call, his cellular telephone “handset” sends out a radio signal and transmitter/receiver. When a user makes or receives a cell phone call, the cell site permits all of the cellular telephones which are within radio range (a few miles) to connect voice calls to each other and to the public telephone network.

Digital & Multimedia Sciences

Source: Roger L. Boyell, MS, PE, Associate Member, DMS Section

Modern Cellphone Tracking
The police are working on an arson-murder, and they arrest a suspect. The suspect’s alibi is that he was “with friends on the other side of town,” and the other people present all confirm his story. However, a subpoena to his mobile telephone provider obtains data showing the suspect was using his phone to make and receive calls and text messages at different locations than “with friends.”

From the data, an expert may derive the suspect’s surreptitious travel to the scene of the crime and back to the “with friends” location. The expert is able to show the actual track of the suspect as a function of time including when he crossed a major bridge, and surveillance video of the bridge approach proves the case. Results: alibi demolished, defendant guilty.

This article is a simplified explanation of how mobile telephone records are used to localize a suspect or to confirm an alibi location. Yes, alibis can be just as easily supported as crime locations themselves. The topic of this article is retrospective or historical localization of the phone user, not real-time tracking.

Trail of Electronic Evidence
An intrusive examination of the suspect’s phone is not necessary. Even if it is an old “dumb” phone that has since been shredded, its use to make or receive calls has left a trail of electronic evidence about the user’s locations.

A cellular telephone is actually an advanced radio transmitter/receiver. When a user makes or receives a cell phone call, his cellular telephone “handset” sends out a radio signal and simultaneously receives a mating radio signal in an authorized frequency band. When two-way communication is established with a nearby “base station,” the call is connected, and the voice path is established.

Cell phone voice communication is usually full-duplex mode, meaning either party is able to speak and interrupt the other just like a landline telephone call. Many phone models also have capability for sending and receiving text messages, photographs, and video recordings.

Base Station Ubiquity
Each base station consists of installed radio equipment and its associated antennas, located and oriented to cover one or more geographic cells. The base stations accessed by cellular telephones are called cellular wireless sites or “cell sites.” The existence of a cell site permits all of the cellular telephones which are within radio range to connect voice calls to each other and to the public telephone network.

Hundreds of cell sites typically dot the large metropolitan areas of the country, so a user’s handset is almost always within range of one – sometimes of many – candidate cell sites. In large cities, the cell sites may be only blocks apart, while in rural areas they may be several miles apart. Coverage overlaps are intentional and these supposed cells have rigid boundaries only in theory.

Establishment of Two-Way Communication
A cell site that is available for service transmits a signal identifying itself and its provider network (e.g., Sprint, AT&T, Verizon, Rogers, Comcast, T-Mobile, Cox, etc.). The handset initially communicates with only one cell site to establish the communication link. The user’s handset selects, at any instant, the site which offers it the most favorable signal, considering received signal strength, freedom from distortion and multipath effects, and network availability. When the handset makes an outgoing call, it uses the cell site on which it is camping to make the initial connection.

The most favorable cell site signal is typically the strongest on whichever network(s) the handset is programmed. The strongest signal is usually the closest, but hilly terrain and buildings can block the radio signals. Sometimes the nearest sites are overloaded and non-responsive, and on occasion they are down for maintenance.

Thus the cell site which is accessed by a handset for any call at any instant may or may not be the geographically closest to the user’s handset. However, every time the handset selects a different cell site, it registers with the network as being accessible from that cell site for incoming calls. As with outgoing calls, the initial connection is made through the cell site on which the handset is camping.

Handover from Site to Site
While a call is in progress, the network instructs the handset on which site to use. When the handset changes location, the cell site being accessed can be unobtrusively changed to maintain communication. The handover from site to site during a voice call is handled through a signaling channel associated with the voice path established.

Handover is usually transparent to the user and can occur several times per minute for fast-moving trains or cars. The network and continued on page 30
Section News cont.

the handset coordinate the handover so that the two-way voice communication appears continuously to the user. Of course anyone who has experienced unexpected dropped calls knows that the handset can fail on occasion.

The cell sites actually accessed by the handset gives geographic locations from which the track of the phone can be deduced. The provider networks maintain records, in particular listing the cell sites accessed at the beginning and at the end of almost every call. This logging is carrier dependent. Some may drop all records immediately and others may maintain for weeks at a time. Logging can also be enabled for specific phones based upon law enforcement requests.

Records Used in Tracking
The cellular network providers keep records of calls made and received for billing and other business purposes. The call detail record of any specific call typically shows that the handset (by unique phone number) was in radio range of the (uniquely numbered) cell site initially accessed. This may be several miles in any direction from the cell site.

Records from several successive calls to or from the same handset (the same phone number) can be used to establish a sequence of locations forming the ground track of the phone’s user. The cell sites can be mapped by referring to the cell site location listing of the network provider for the geographic area of interest. Although no individual call can precisely localize a user’s handset, a time sequence of calls showing cell sites successively accessed forms a track.

Given sufficient call detail records and cell site location listings, the phone user’s track can possibly be reconstructed to indicate where he was at any time, along with his speed and direction of travel. Referring to a roadmap might allow the user’s exact route to be plotted including his timeouts for fuel and meals.

Furthermore, the records show the telephone number to or from which the call was made along with other information that may be incriminating or exculpatory. Nevertheless, the records do not reflect anything about the content of the voice call or text message, picture, or video recording.

Court Requirements
In the courtroom, the call detail records and the cell site location lists are generally admitted as evidence when vouchefor by an authorized employee of the provider. Because these files can be voluminous, they are frequently maintained as electronic spreadsheets rather than computer printouts. A user may make or receive dozens, sometimes hundreds of calls per day and a geographic area may contain hundreds of, sometimes a thousand, cell sites.

Interpretation of the records and lists must be performed by a qualified expert who is trained to take into account:
— the cell site naming and number aberrations which result from the “topsy-like” proliferation, reorganization, and abandonment of cell sites;
— the actual locations and directivity patterns of the base station antennas which may not be reflected in the current cell site location listings;
— the effects on radio propagation caused by topography and man-made structures; and
— the many different format and coding schemes used by the network providers in compiling their thick computer printouts and spreadsheets.

As one example, the street address for a cell site in San Diego placed it a block away from a road intersection. That would imply the user’s handset when accessing that cell site was near the intersection. However, the street address was only for an access road, and the actual cell site was a tower one half-mile away, up on a hill, where it offered coverage of several different roads. Simply reading the call detail records and tying them to the cell site location lists did not represent correct interpretation.

An older cell site in North Carolina bore the name of a town that could be interpreted as being its location. However, newer cell sites were built within the town, and the cell site bearing the town name was actually in another county. Cell site naming and numbering aberrations can give opposing counsel a basis for disputing the validity of user localization.

The proponent of cell phone records in the courtroom usually attempts to make convincing arguments that the named or expected user of the handset really was in possession of it at the time of the alleged crime. That is, the localization of the handset implies localization of the user. Ear-witnesses to the calls may be offered as evidence of user identity.

Prosecutors and defense lawyers throughout the world are learning to use cell phone technology to track suspects and to exonerate the innocent. The major network providers have developed departments whose only task is compliance with subpoenas seeking their business records.

ENGINEERING SCIENCES

Source: Kurt D. Weiss, MS, Section Chair

The Engineering Sciences Program for the AAFS 65th Anniversary Meeting is now complete, and it offers a diverse collection of presentations on a variety of topics. The 2½ day program, including a Poster Session on Wednesday, offers 34 presentations in 7 sessions, including Environmental Forensics, Instrumental Analysis, Tools and Their Marks, Vehicle Systems and Investigation, Scene and System Investigations, Failure Mechanics, and Building Systems and Surfaces. There is one workshop planned, and there will be five posters on display. Your attendance in Washington, DC, will be well worth the trip.

Environmental Forensics offers four presentations including the examination of combustible dust, investigating contamination sources of polycyclic aromatic hydrocarbons, and environmental chemistry.
Instrumental Analysis offers four presentations on the collection of scanning and detection systems and methodologies.

There are five presentations on Tools and Their Marks including breakage characteristics of glass drinking vessels, examination of microstamped cartridges, and the interpretation of evidence related to a stabbing event.

Vehicle Systems and Investigation offers seven presentations with topics including the analysis of automobile seat backs, a seat belted occupant ejection in a rollover crash case study, and an evaluation of roof mounted side curtain airbags.

Scene and System Investigations offers six presentations including three that explore weapons (vehicle, hand gun, and knife), and others including a forensic investigation methodology for processing plants accidents, and cases of near electrocution by irrigation pipe.

Failure Mechanics offers four presentations, one exploring low-energy bone fractures, while another evaluates head protection provided by sports helmets.

Lastly, Building Systems and Surfaces offer four presentations including one introducing forensic architecture with case studies, an analysis of a vinyl railing systems related to a fall incident, and a study of the effect of shoe coverings on available friction of reference surfaces.

There are five posters being offered in three poster sessions. Poster topics include the role of nanotechnology in forensic investigations, crashworthiness simulations using finite element analysis on vehicle bumper beams, and principal components analysis applied to the gunshot case determination, to name a few.

The half-day workshop, Electrocution, Electrical Injury, and Lightning Death Investigations, looks to be a very rewarding event for those who attend.

Certainly, the above list of mentions is not exhaustive and is only a teaser of what’s in store for February. Be sure to arrange your travel plans to avoid scheduling conflicts.

The Forensic Sciences Foundation is a nonprofit organization with many objectives. Without contributions, the FSF could not ensure the financial success of their many grant programs. Please make a contribution to the Forensic Sciences Foundation by contacting Tracie McCray at (719) 636-1100 Ext. 114, or tmccray@aafs.org.

Good day, and be well.

GENERAL

Source:  Alan F. Boehm, MFS, Section Secretary

Thanks for all who took the time to submit abstracts helping to make our upcoming scientific program a success. Program Chairs Amy Carney and Dave Zeliff reviewed them all and developed what should be an interesting program. According to Amy, they accepted 39 posters and 50 oral presentations. The section was also responsible for the peer-review of one breakfast, two luncheons, two special sessions, four full-day workshops, and four half-day workshops all of which were forwarded to the program committee for final approval. We look forward to attending these in Washington, DC. Thanks again to Amy and Dave for their hard work to ensure that we have an outstanding program. Finally, a special thanks to those who went the extra mile developing workshops as well as breakfast seminars and luncheons. What a great response!

By the time you receive this newsletter, Bill Andrews, Nominating Committee Chair, and committee members Paul Kish and James McNamara will have received nominations for Section Chair and Secretary. Look for more information from Bill on this topic in the future.

General Section Chair Julie Howe and I are now reviewing applications for membership and promotion within the section. Please remember, if you are eligible to promote your membership status next year, attendance at the General Section Business Meeting and volunteering as a committee member or moderator are means for advancement.

A friendly reminder... make your hotel reservations for DC as early as possible so you are not disappointed. Rooms will fill up fast so do not wait! The Marriott Wardman Park Hotel is a nice hotel in a great city. It should be an excellent time.

Finally, we welcome you to share your accomplishments in the next newsletter. Send the information to me at aboehm@cox.net.

ODONTOLOGY

Source:  Iain A. Pretty, DDS, PhD, Section Secretary

This is always one of the best newsletter updates to write as it provides an opportunity to celebrate achievement and success within our section. As such it gives me great pleasure to announce that the recipients of this year’s Odontology Section awards are:

The Lester Luntz Award: Edward J. Pavlik, DDS
The Reidar F. Sognnaes Award: Paul G. Stimson, DDS

Formal presentation will take place at the Odontology Section Business Meeting in Washington, DC. The 2013 program is complete, and we have a diverse and interesting Scientific Session assembled. We are fortunate to have a joint session with the Jurisprudence Section which promises to be excellent. This half-day session will concentrate on bitemark evidence and will include a panel discussion - this should be both educational and interesting. We expect standing room only!

The Thomas Krauss Memorial Bitemark Breakfast will feature Barry Scheck. He will speak on Lessons from Eyewitness Identification Research for Forensics Scientists. This presentation will focus on subjective bias and eyewitness identification and testimony. This topic has significant implications for forensic analysts and their understanding of the affects of relative judgment and the influence of external information. It promises to be an

continued on page 32
**Section News cont.**

excellent event. Please be sure to register for both the Academy meeting and the bitemark breakfast as soon as registration opens - last year the bitemark breakfast sold out early and we do not want you to be disappointed! You may register online at www.aafs.org or use the registration form found on page 17.

Please note, the pre- and post-meeting ABFO workshops have been cancelled.

We are looking forward to seeing you all in Washington, DC.

**PATHOLOGY/BIOLOGY**

**Source:** Amy C. Gruszcki, DO, Section Secretary

The Pathology/Biology (Path/Bio) Section is pleased to announce the publication of Forensic Pathology/Biology: American Academy of Forensic Sciences Reference Series - Five Years of Research and Case Study Proceedings [Paperback]. Several members of Path/Bio Section have contributed to its publication; Gregory G. Davis, MD (Author), Amy C. Gruszcki, DO (Author), J. Keith Pinckard, MD (Author), Jeffrey K. Tomberlin, PhD (Author), Victor W. Weedn, MD (Author), Sonya R. Bynoe, BBA (Editor), Anne Warren, BS (Editor), and Laura L. Liptai, PhD (Series Editor). Check out the book on Amazon.com.

**JC Upshaw Downs.** Section Program Chair reports: The AAFS 65th Anniversary Meeting is an important one in so many ways. We are at the five year anniversary of the committee work done by the NAS in issuing the 2009 report and the AAFS, through the CFSO, is actively working on advancing the science, as we remain on the path forward. The report called for research and the fact that the Path/Bio Section has over 175 accepted abstracts points to its strength in delivering on that directive. Abstract topics range from implementation of new technologies to enhanced performance of existing techniques to learning the lessons of history. In the end, all efforts to learn make the science and the scientist stronger, and this year’s program promises not to disappoint. In addition, it comes as no surprise that major legislative efforts involving all the forensics stakeholders are underway. Thus, the opportunity to be in Washington is truly welcomed as the new Congress sits down to its first session.

**PHYSICAL ANTHROPOLOGY**

**Source:** Ann H. Ross, PhD, Section Secretary

Angi Christensen reports the Scientific Working Group for Forensic Anthropology (SWGANTH) held its semi-annual meeting July 31 - August 2 in Washington, DC. The SWGANTH welcomed four new board members, and there was a record overall attendance. There was abundant discussion over numerous documents as well as other pertinent topics and issues. Six best practice guidelines were approved for publication and two new committees were formed. A representative from the American Society of Crime Laboratory Directors/Laboratory Accreditation Board (ASCLD/LAB) attended providing insight and guidance regarding possible accreditation for forensic anthropology laboratories in the future. Please visit www.swanth.org for additional meeting details, and visit the Feedback page to volunteer to participate in SWGANTH activities or to submit comments on SWGANTH or SWGANTH products.

Dawnie Steadman announces a new faculty position search in forensic anthropology and several upcoming short courses:

Research Assistant Professor Position in Forensic Anthropology. The Forensic Anthropology Center, Department of Anthropology, University of Tennessee, is seeking applications for a Research Assistant Professor in forensic anthropology effective Spring 2013. The duties and responsibilities of the successful candidate will include initiating and collaborating on new research involving the FAC resources, including external grant writing and publications. Responsibilities also include coordinating and teaching short courses throughout the year and assisting with the Body Donation Program. The position also entails supervising graduate student teaching and research assistants as well as the training of undergraduate interns and volunteers. Please see the AAFS website for a complete description of qualifications and application guidelines.

Several 2013 forensic anthropology short courses at the University of Tennessee at Knoxville have been announced and are listed on the Meetings & Conferences page of this newsletter. A more comprehensive listing is posted on the AAFS website under the “Meetings Tab.” Click on the “Other” link.

**QUESTIONED DOCUMENTS**

**Source:** Pamela Zilly, BS, Section Secretary

The QD Section is accepting nominations for Section Chair and Secretary. Please submit your nominations to QD Section Nominating Committee Chair John Sang at sangjohn@aol.com.

Many people have been working very hard to put together an outstanding program for the AAFS 65th Anniversary Meeting in Washington, DC. The program for papers and presentations is firmly in place. Each speaker has been allotted either the time requested or a few minutes longer, the moderators have been selected, and everything is set for our section’s program. Monday’s workshop “Signature Examination of Healthy and Impaired...”
Writers” and a tour of the Library of Congress on Tuesday promise to be excellent experiences so be sure and register early to reserve a spot at those events. Ron Morris is our Section Program Chair for the 2013 meeting. If you have questions about the program, you can contact Ron at rmorris@erols.com. John Sang, our Section Workshop Chair can be contacted at sangjohn@aol.com.

Go to the AAFS website at www.aafs.org/aafs-2013-annual-meeting for all of the meeting information. Volunteer opportunities abound. Volunteering is an excellent way to get involved in the Academy and to meet new people, so be sure and check out that information. It is not too early to register and make your hotel reservations. Please plan to join us in Washington, DC.

Many of you may have noticed that the Academy News has included a theme article in each issue entitled “The Forensic Sciences: Founded on Observation and Experience, Improved by Education and Research.” In each issue, the sections of the Academy have contributed an article based on the theme. The QD Section’s article appears in this issue. Please check it out. It showcases our solid foundation and continual growth.

Academy membership and advancement information can be found at www.aafs.org/membership. If you have any questions, please contact QD Section Chair Tom Vastrick at vastrick@yahoo.com.

TOXICOLOGY

Source: Ruth E. Winecker, PhD, Section Chair

Source: The program for the 2013 AAFS 65th Anniversary Meeting in Washington, DC, has been finalized. It is hard to believe that the meeting is in just a few months. The program committee is very pleased to provide you with a jam-packed educational meeting that we hope you will find interesting and enlightening.

Please plan to attend the section business meeting on Wednesday afternoon to participate in the section’s important business decisions.

We will have a very full agenda that will include recognition of a full complement of very well deserved awardees. Please join me in congratulating Philip Kemp who will receive the Gettler Award, Rob Middleburg who will receive the Harger Award, Patrick Harding who will receive the Abernathy Award, Sherri Kacinko who will receive the Sunshine Award, and Dayong Lee who will receive the June K. Jones Scholarship. ‘Thank you’ to the awards committee chaired by Chris Chronister who worked very hard to get all of the nominees reviewed. A second ‘thank you’ goes to the Toxicology Section members who took the time to nominate these individuals and procure recommendations and documentation for the committee. It is going to be a great meeting, I hope to see you all there.

Finally, we welcome you to share your accomplishments in the next newsletter. Send the information to me ruth.winecker@dhhs.nc.gov.
Applicants

The following individuals have submitted applications for Associate Member, Trainee Affiliate, or Student Affiliate. Applications that are received and completed by October 1 will be considered for approval at the February 2013 Board of Directors Meeting. Due to space constraints, AAFS does not list members who are applying for promotion to Fellow or to Member; however, a list of these individuals may be found on the AAFS website under “Events and News.” Comments or concerns regarding an applicant should be submitted in writing to: Cheryl Hunter, Membership Coordinator, AAFS, 410 North 21st Street, Colorado Springs, CO 80904; chunter@aafs.org. Comments must be received by February 7, 2013.

Criminalistics

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Alharbi, Samir, PhD
Riyadh, SAUDI ARABIA
Alotaibi, Mohammad H., PhD
Riyadh, SAUDI ARABIA
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Angelica, Thomas, Jr, BS
Harvey, LA
Ayers, Sherri, MS
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Baggenstoss, Beau D., BS
Cheney, WA
Baldrey, Heather L., BS
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Ballos, Mary L., MS
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Baral, Sanghamitra, MSc
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Barber, Amy L., MS
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Bradshaw, Shawn, BA
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Brake, David A., MS
Garland, TX
Brogdon, Emily R., BS
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Clayton, MT
Cange, Brittany K., BS
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Carney, Jodie L., MS
Meridian, ID
Castaneda, Iliana, MD
Benito Juarez, MEXICO
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Columbia, MO

Klein, Nicole S., BA
Baton Rouge, LA

Kruger, Gabriele C., BSc
Pretoria, SOUTH AFRICA

Kuhn, Melissa K.
San Jose, CA

Kuhns, Mary, BA
Erie, PA

Kuo, Sharon, BA
Erie, PA

LaCroix, Marcelle
Fairhaven, MA

Larson, Laura
Boise, ID

Lavallo, Gabrielle, BS
San Marcos, TX

Leff, Nicole J., BS
El Dorado Hills, CA

LeGall, Daria
Brooklyn, NY

Lewis, Cheyenne J., BS
Erie, PA

Liebenberg, Leandi, BSc
Pretoria, SOUTH AFRICA

Lopez, Maria A., BA
Knoxville, TN

Lottering, Nicole, BS
Brisbane, AUSTRALIA

Martin, Paul S., BS
Rossville, TN

Maxwell, Ashley B., MA
Tampa, FL

Mayberry, Alanna
Arvada, CO

McCaffity, Anthony E.
Baltimore, MD

McDowell, Jennifer L., BSc
Arcadia, SOUTH AFRICA

McMullan, Britanny E., BA
Raleigh, NC

McNulty, Shauna, MA
Knoxville, TN

Milanoski, Ivica
Naples, FL

Miller, Megan M.
Oviedo, FL

Mosca, Laurel
Erie, PA

Mossbrager, Siobhan J., BS
Preston, UNITED KINGDOM

Munoz, Melissa
San Luis Obispo, CA

Murphy, Rachel E., BA
Erie, PA

Myburgh, Jolandie, MSc
Pretoria, SOUTH AFRICA

Naparstek, Matthew D., BA
New Braunfels, TX

Neylon, Geoffrey, BA
San Marcos, TX

Noack, Tonje B.
Baton Rouge, LA

Petersen, Ariel T., BA
Brighton, MA

Phillips, Chase, BA
Medford, MA

Pittman, Stephanie Aimec’
Wilmington, NC

Powell, Ellen
Erie, PA

Prince, Julia R., BA
Chico, CA

Purcell, Maureen Walsh
San Marcos, TX

Raguin, Emeline, MSc
Montréal, PQ CANADA

Rector, Jacquelyn N., BA
Boston, MA

Reynolds, Patrisha L., BA
North East, PA

Roberts, Lindsey G., BS
Carbondale, IL

Rodriguez Carreras, Annette D.
Newton, MA

Rosso, Jennifer A., BS
Okemos, MI

Roth, Madeline, BA
Erie, PA

Rozendaal, Andrew S., HBSc
Halifax, NS CANADA

Rubin, Katie M., MS
Gainesville, FL

Ryan, Jocelyn N., BS
Fort Myers, FL

Ryan, Jocelyn N., BS
Fort Myers, FL

Sanders, Kaitlyn E., BS
Erie, PA

Schilling, Eileen M., BS
Preston, UNITED KINGDOM

Scholl, Kassra L., BSc
Willich GERMANY

Sears, Amy M., BA
San Marcos, TX

Shapero, Stephen, BS
Brighton, MA

Shin, Davia, BS
Duluth, GA

Smith, Alexis M., MA
Bountiful, UT

Smith, Jacob
Knoxville, TN

Stewart, Chelsea Nicole, BA
Erie, PA

Stewart, Kinsey B., BA
Knoxville, TN

Stock, Michala
New York, NY

Strand, Ryan, BS
Indianapolis, IN

Swenson, Victoria, MA
Missoula, MT

Taylor, Alex, BA
Erie, PA

Taylor, Luke, BSc
Swindon, UNITED KINGDOM

Terris, Kathleen
Preston, UNITED KINGDOM

Turrin, Schyler Bridget Nicole
New City, NY

van der Walt, Stephany Y., BA
Arcadia, SOUTH AFRICA

Waggoner, Kama, BA
Oklahoma City, OK

Wall, Brandy
Murfreesboro, TN

Walta, David T., BSc
The Hague, NETHERLANDS

Webster, Brooke L.
Watchfield, UNITED KINGDOM

Wei, Xuan
East Lansing, MI

Wein, Alexandra Bess
Fort Myers, FL

White, Teresa L., BA
Missoula, MT

Williams, Amanda, BA
Missoula, MT

Woods, Katie N., BA
Malden, MA

Wray-Miller, Brigitte, MSc
Knoxville, TN

continued on page 48
Applicants cont.

Wun, Felicia S., BS
San Marcos, TX

Young, Alexandria, MSc
Fern Barrow, Poole, UNITED KINGDOM

Zarenko, Kristina M., BA
Chico, CA

Zell, Nick, BA
Fort Collins, CO

Zimmerman, Heather A., BS
Fort Myers, FL

Psychiatry & Behavioral Science

Associate Member
Acklin, Marvin W., PhD
Honolulu, HI

Cohen, Marc A., MD
Beverly Hills, CA

Lee, Eugene, MD
Fayetteville, AR

Merlino, Mara L., PhD
Lawrenceburg, KY

Mohandie, Kris, PhD
Pasadena, CA

Petralia, Stefania
Rome, ITALY

Trainee Affiliate
Melis, Manuela, MA
Rome, ITALY

Student Affiliate
Bartuski, Genevieve, MS
San Diego, CA

Brown, Ivy L.
Perry, OK

Doscher, Michelle R., MS
Louisville, KY

Frank, Stacey Deanna, MA
Pendleton, SC

Gasque, Nicole D., MS
Baltimore, MD

Harrington, Bailey
College Station, TX

Ince, Yavuz Huseyin
Istanbul, TURKEY

La Tegola, Donatella, PhD
Bari, ITALY

Lopez, Rachel D.
San Jose, CA

Pusillo, Julia K.
Marshalltown, IA

Roome, Arlene
Brooklyn, NY

Ulukivaiola, Janet
Anchorage, AK

Williams, Melissa N.
Racford, NC

Ulukivaiola, Janet
Anchorage, AK

Williams, Melissa N.
Racford, NC

Questioned Documents

Associate Member
BN, Phaneendhar, BSc
Bangalore, INDIA

Liu, Ning, MA
Nanjing, PEOPLES REPUBLIC OF CHINA

Mitchell, Linda L., BS
Escondido, CA

Oninuzuligbo, Raphael A., BA
Lagos, NIGERIA

Rivera, Denise M.
Rio De Janeiro, BRAZIL

Zimmer, Jan
Stara Boleslav, CZECH REPUBLIC

Trainee Affiliate
Ismi, Imtaz A., MA
Karachi, PAKISTAN

Kingsbury, Stephanie A., MFS
McLean, VA

Kulbacki, Kevin P., BS
Monroe Township, NJ

Lanners, Brenda N., BS
San Diego, CA

Maness, Melanie E., MFS
Stafford, VA

O'Brien, Meg, MS
Dulles, VA

Voiles, Rachel, MSFS
McLean, VA

Student Affiliate
Finbey, Megan A
West Haven, CT

Gupta, Mansi, MSc
Delhi, INDIA

Kennedy, Tara D., MS
New Haven, CT

Miller, Kelly D.
Ashburn, VA

Wesley, Misty L.
Lexington, KY

Toxicology

Associate Member
Allen, Jennifer B., BS
Spokane, WA

Baeck, Seungkyung, PhD
Seoul, KOREA

Bayer, Kyle T., BS
Antioch, TN

Botch-Jones, Sabra R., MS
Fort Worth, TX

Carter, Chelsea, MFS
San Diego, CA

Christensen, Jillian D., MS
Omaha, NE

Cogley, Emily L., MS
Amelia Court House, VA

Crum, Erin D.
Huntington, WV

Crumpton, Susan D., MS
Research Triangle Park, NC

Daglioglu, Nebile, PhD
Adana TURKEY

Damiri, Basma, PhD
Nablus, PALESTINE

DePriest, Anne, PharmD
Nashville, TN

Destrosiers, Nathalie A., MSc
Baltimore, MD

Doss, Gwyn G., BS
Milwaukee, WI

Ehorn, Cheryl A., BS
Cape Coral, FL

Francis, Shenika A., BS
Lauderhill, FL

Hogue, Jennifer M., MS
Cuyahoga Falls, OH

Johnson, Robert D., PhD
Fort Worth, TX

Keene, Judy, MS
West Allis, WI

Kim, Emmi, PhD
Seoul, KOREA

Lancaster, Denise N., MS
Bala Cynwyd, PA

Lawler, Emily L., BS
Callowam, OR

Lee, Dayong, MS
Baltimore, MD

Lutmer, Brian M., BS
Pocatello, MO

Mai, Mary Ellen, MSFS
Birmingham, AL

Martinez, Atton L., BA
Henderson, NV

Mishra, Arnabnath, MPhil
Maharashtra INDIA

Moore, Colleen A., BS
Springfield, MO

Murarkey, Skye M., MS
Atlantic, GA

Nagar, Rachna, MSc
Dadri, INDIA
Nash, Nadra N., MS
Fort Lauderdale, FL

Nese, Amanda L., BS
Clarksville, TN

Pasha, Mumtaz S., PhD
Saint Paul, MN

Patel, Bhavesh R., MSc
Burnaby, BC CANADA

Pressley, DeMia P., MS
Springfield, VA

Renson, Christine M., MS
Austin, TX

Roddal, Kabrena E., PhD
Colorado Springs, CO

Rumpler, Marc J., PhD
Gainesville, FL

Shu, Wayne, MS
Pikesville, MD

Siemens, Katherine L., BS
Decatur, GA

Stegeman, Samantha J., MS
Valparaiso, IN

Swanson, Tina, MS
Roanoke, VA

Tisdell, Ronald H.
Georgetown, TX

Williams, Janeyte D., MS
Lawrenceville, GA

Wolf, Ehud, PhD
Jerusalem ISRAEL

Wright, Trista Haupt, PhD
Richmond, VA

Yang, Michelle, BS
Tallahassee, FL

Yang, Wonkyung
Seoul, KOREA

Trainee Affiliate

Arntson, Amanda L., MSFS
Willow Grove, PA

Berech, Mohamed, BS
Stockton, CA

Broaddus, Cassandra A., MSFS
Philadelphia, PA

Hutchinson, Zakary K., MSFS
Norristown, PA

Hutson, Amy L., MS
Wilmington, NC

Lord, Jean, PhD
Dover, DE

Malley, Barbara, MSFS
Bensalem, PA

Roop, Jared F., MS
Springfield, MO

Seeger, Megan, MSFS
Philadelphia, PA

Vance, Christopher S., MS
San Diego, CA

Wolfe, Lauren E., BS
Jamestown, KY

Student Affiliate

Agrawal, Karan, BA
East Amherst, NY

Benjamin, Jackson N., BSc
Nairobi KENYA

Bingman, Brian T.
London, OH

Chodara, Kenton J., BS
State College, PA

Clay, Deborah, BS
Henrico, VA

Clyde, Cassandra L.
Struthers, OH

Collins, Tiffany J., BS
Richmond, VA

Dar, Navajo J., MSc
Kulgam INDIA

Hartman, Rebecca L., BA
Baltimore, MD

Kinyua, Juliet, MSc
Lubbock, TX

Knapkiewicz, Christine
Tinley Park, IL

Lockwood, Robert M., MSFS
West Haven, CT

Mackowsky, Danielle Amanda
Cicero, NY

Miller, Sharyn E., BS
State College, PA

Murphy, Derrick L.
Fayetteville, NC

Neifeld, Jillian
Richmond, VA

Newmeyer, Matthew N., BS
Baltimore, MD

Orr, Olivia
Verbena, AL

Perez, Vanessa
Apple Valley, MN

Pipersburgh, Lila L.
Denton, TX

Rankoth, Amsha
Long Island City, NY

Raso, Stephen A., BS
Moon Township, PA

Steinle, Katherine E., BS
Glenside, PA

Suarez, Nadya, BS
Brooklyn, NY

Szwaczak, Angelica D.
Philadelphia, PA

Tayyab, Muhammad
Bhakkar PAKISTAN

Vega, Evelyn
N Las Vegas, NV

Walter, Rebecca
Findlay, OH

Ward, Susan N.
Cincinnati, OH
With only a few months remaining before the AAFS 65th Anniversary Meeting in Washington, DC, it is time to make travel plans and meeting accommodations! The AAFS website provides all the necessary information for planning travel, hotel, and meeting events. The Young Forensic Scientist Forum (YFSF) Program Committee has been providing updates of what to expect for the 2013 YFSF Special Session throughout the year, and we hope the updates have sparked young forensic scientists’ interest in the event! In order to attend any of scheduled sessions, workshops, or breakfasts at the annual meeting, including the YFSF session, those interested must pre-register for the events they would like to attend. The YFSF Special Session registration includes the full-day special session, bring your own poster and slide events, and the breakfast session. Detailed information for each of the events can be found in the following sections of the newsletter. All events are sure to include informative and interesting information for those who attend as well as a great arena to network with fellow professionals!

Now is also a good time to decide if you are interested in joining the 2013 YFSF Program Committee. For those interested, it is suggested that a CV/resume be brought to the YFSF events. The program committee appointments will be finalized by mid-March 2013 and will begin working on the 2014 YFSF events immediately. Questions regarding the 2013 Young Forensic Scientist Forum registration and becoming a committee member can be directed to lindsey.saunders@mail.wvu.edu. The 2012-13 YFSF officers look forward to seeing you in Washington, DC!

Lindsey (Crass) Saunders, BS
YFSF President

A Note from the YFSF Secretary
If you are a forensic scientist with five years or less paid forensic work experience, then take advantage of the many benefits the YFSF Special Session has to offer. The YFSF 2013 session includes a series of presentations from experts within the various Academy sections. This day-long event is a wonderful way to learn about the various forensic disciplines and offers participants the chance to network with peers and experts. To reiterate the YFSF President’s message, if you register for the 2013 YFSF Special Session, you will also be able to attend the Breakfast Session which focuses on career enhancement and provides attendees with the unique opportunity to have forensic experts review their resumes and CVs. Likewise, the YFSF Slides and Poster Sessions provide an invaluable method for young forensic scientists to showcase either their research or a case study. If you are intimidated by the thought of public speaking, you are not alone. One goal of the Slides and Poster Sessions is to allow young forensic scientists to gain experience speaking publicly to their forensic peers. The more you present your research and forensic work, the better you will be at speaking in front of future AAFS audiences, your boss, and jurors in
the courtroom. Please contact the BYOS and BYOP Program Chairs to learn more about presenting at the 2013 AAFS meeting.

If you already have more than five years paid forensic work experience, then please consider donating to the YFSF so that this annual event can continue to grow and educate young scientists. Donations can be financial, tangible objects, or time spent speaking to YFSF attendees. Please send all donation inquiries to the YFSF financial officers.

Lastly, the YFSF is excited to announce that the officers will be gathering participation data on attendees’ forensic interests at this year’s meeting. The collected data will allow the YFSF officers to ensure that each of the Academy disciplines is being represented at future YFSF Special Sessions. The data will also allow the YFSF officers to assist young forensic scientists wishing to pursue AAFS membership and will allow the individual sections to be more informed about up-and-coming young forensic scientists within the 11 forensic disciplines. Please monitor the AAFS website for more information on the 2013 meeting and to register for the YFSF Special Session. Do not hesitate to contact the secretaries with any question you have concerning the YFSF.

Lauren Pharr, MA  Lauren Bryan, PhD
YFSF Secretary Chair  YFSF Secretary Co-Chair
lpharr1@tigers.lsu.edu  lhbryan@nlcl.org

Financial Liaison
As the 2013 AAFS Annual Meeting draws near, the YFSF Financial Liaisons would like to thank everyone who responded to our requests for monetary and/or educational contributions. We would also like to thank those section chairs who have already agreed to allow a YFSF committee member speak at the section business meetings in Washington, DC. The YFSF relies on support from the Academy to provide educational and professional support to new professionals in the forensic field.

Letters have been sent out to universities with FEPAC accredited programs, the Academy sections, and various forensic vendors asking for financial contributions or contributions of materials to the YFSF. Without your support we would not be able hold our special session each year! Remember, organizations can support the YFSF through financial contributions, contributions of materials, or by supporting the YFSF Special Session lunch, breaks, or breakfast. If you or your group would like to donate to the YFSF, please contact either of the YFSF Financial Liaisons.

Lara Frame, MA  Katie Knurek
YFSF Financial Liaison  YFSF Financial Co-Liaison
lafra86@gmail.com  katie.knurek@cantonohio.gov

YFSF Breakfast Session
The YFSF Breakfast Session typically focuses on professional development which is very important for our members, students, and young forensic scientist professionals. It is important for our young members to learn the tools necessary to succeed within the forensic science community. This year’s session will focus on the requirements of expert testimony as a forensic scientist and what it means to be an expert. Specifically, we plan on having three 20-minute presentations focusing on: 1) the importance of knowing what cited sources you used (Sandra Koch from the FBI); 2) how to prepare for cross-examination by a defense attorney (Judge Roderick Kennedy from New Mexico Court of Appeals); and, 3) the role of a forensic scientist as an expert witness (Anjali Swienton from SciLawForensics). As in previous years, the YFSF Breakfast Session will be organized to include a resume review session with a distinguished forensic scientist panel following the initial presentations. We currently have AAFS Past President and Gradwohl Laureate Barry Fisher, Past President Joseph Bono, Vinny Desiderio, Robert Gaffney, Eugene Peters, Gregory L. Davis, Lucy Davis, Jenna Oakes-Smith, and Douglas Ubelaker signed on to be part of the resume review panel. This discussion time will help to specifically address such questions as: “What should be included on your resume and is it structured properly?” If this sounds helpful to you, this is the session for you! If you have any questions or are interested in being on our resume panel, please contact Jennifer Malone (jennifer.malone@wyo.gov) or Ashley Moulton (amoulton2010@yahoo.com).

Jennifer Malone, PhD  Ashley Moulton, BS
YFSF Breakfast Session Chair  YFSF Breakfast Session Co-Chair

YFSF Special Session
The AAFS Annual Meeting is fast approaching and the Young Forensic Scientists Forum Special Session has a lot to look forward to sharing with the young professionals who are attending. Everyone who attends will undoubtedly expand upon his or her knowledge in this jam-packed session! With experienced professionals from many different disciplines within forensic science, ranging from Questioned Documents to Firearms and Explosives, there will never be a dull moment in showcasing our theme, Applications of Education and Research to the Diverse Field of Forensic Science, through unique casework experience and examples.

The Young Forensic Scientists Forum Special Session is a very important tool in keeping young professionals up-to-date and well-versed in the extensive field of forensic science.

For those who are speaking during the YFSF Special Session, thank you for your on-going involvement and support.

If you have any questions regarding this year’s Special Session, please contact yfsfs@gmail.com.

Taryn Mead, BS  Jennifer Newton, BS
YFSF Special Session Chair  YFSF Special Session Co-Chair

YFSF Bring Your Own Slides
Calling all young forensic scientists! What are you contributing to forensic science research, casework and education? Share your experience with the community by presenting at the American Academy of Forensic Sciences Anniversary Meeting in Washington, DC this coming February! Abstracts for the BYOS continued on page 52
Young Forensic Scientist Forum cont.

Session are due December 15. If you are interested in presenting, there is still time to submit your research! This is a wonderful opportunity to contribute to the community and hone your oral presentation skills.

Please submit a one-page abstract and your resume or CV by December 15 to alison.p.mostrom@usdoj.gov and/or lsaylors@luc.edu. Also, feel free to contact us with any questions.

We look forward to hearing from you!

Ali Kidder-Mostrom, MSFS  
BYOS Chair

Lindsay Saylors, BS  
BYOS Co-Chair

Amber Neitzel, BS  
YFSF Poster Session Chair

Jackie Jenkins, PhD  
YFSF Poster Session Co-Chair

YFSF Poster Session
The February meeting is just around the corner! If you missed the August 1 submission deadline for the Academy’s poster sessions, you can still become involved in the meeting and participate in the YFSF Bring Your Own Poster Session.

The BYOP Session is looking for presenters who can share the following information: 1) research that contributes to the field of forensic science; or, 2) a case or an important topic from which young and emerging forensic scientists would benefit.

Do not miss this fantastic opportunity to contribute to your field and gain experience in presenting. If you are interested in participating in the YFSF BYOP Session, please send an abstract and your CV to us at yfsf.postersession@gmail.com. Abstracts and CVs need to be submitted by December 1.

We look forward to hearing from you!
Meetings & Conferences

NOVEMBER 2012

10
Forensic Aspects of Ancient Egypt
Presented by Joyce Filer, MSc—To be held at the University of London, Hughes-Parry Hall (Garden Halls).
CONTACT: Richard study.egypt@virginmedia.com

12-13
Sex Crimes Investigation
Presented by Dr. Henry Lee with Dr. Leah Bush.—To be held at Hyatt Fairfax in Fairfax, VA.
CONTACT: http://ocpe.gmu.edu/SCI.html

15-18
H20 Criminalistics & Pathology Symposium
To be held at Magna Graccia University in Catanzaro, Italy.
CONTACT: underwatercsi@unicz.it
          +39 347-14-16-900
          www.underwatercsi.unicz.it

28-30
Forensics@NIST 2012
To be held at the National Institute of Standards and Technology in Gaithersburg, MD.
CONTACT: www.nist.gov/oles/forensics-2012.cfm

DECEMBER 2012

1
Festivities in Ancient Egypt
Presented by Joyce Filer, MSc—To be held at the University of London, Hughes-Parry Hall (Garden Halls).
CONTACT: Richard study.egypt@virginmedia.com

JANUARY 2013

7-8
Intensive Forensic Anthropology Methods (2-Day)
To be held at the Forensic Anthropology Center at Texas State University in San Marcos, TX.
CONTACT: Sophia Mavroudas (512) 245-1900
          FACTS@txstate.edu
          www.txstate.edu/anthropology/facts/workshops.html

continued on page 54
**Meeting & Conferences cont.**

**FEBRUARY 2013**

4-8
Forensic Facial Reconstruction Sculpture
To be held at the Forensic Anthropology Center at Texas State (FACTS) in San Marcos, TX.
CONTACT: Sophia Mavroudas
FACTS@txstate.edu
www.txstate.edu/anthropology/facts/workshops.html

18-21
Bloodstain Pattern Analysis I
CONTACT: Craig Gravel
Bevel, Gardner & Associates
(405) 706-8489
rcgravel@aol.com
http://www.bevelgardner.com/

**MARCH 2013**

4-8
Basic Bloodstain Pattern Analysis Workshop
Presented by the Specialized Training Unit at the Miami-Dade Public Safety Training Institute in Doral, FL.
CONTACT: Toby L. Wolson, MS
Miami-Dade Police Department
(305) 471-3041
Fax: (305) 471-2052
twolson@mdpd.com

**MAY 2013**

13-14
2013 2nd Congress of the International Society of Forensic Radiology and Imaging (ISFRI)
To be held in Zurich, Switzerland.
CONTACT: ISFRI
contact@isfri.org
www.isfri.org

15-16
Basic Forensic Pathology for Law Enforcement and Death Investigators
Sponsored by Missouri Western State University and the Southern Institute of Forensic Science—To be held in Saint Joseph, MO.
CONTACT: Barbara Harris
(816) 271-4293
Fax: (816) 271-4138
oaharris@missouriwestern.edu

11-16
Basic Forensic Pathology for Law Enforcement and Death Investigators
Sponsored by Missouri Western State University and the Southern Institute of Forensic Science—To be held in Saint Joseph, MO.
CONTACT: Barbara Harris
(816) 271-4293
Fax: (816) 271-4138
oaharris@missouriwestern.edu

**JUNE 2013**

11-16
Basic Forensic Pathology for Law Enforcement and Death Investigators
Sponsored by Missouri Western State University and the Southern Institute of Forensic Science—To be held in Saint Joseph, MO.
CONTACT: Barbara Harris
(816) 271-4293
Fax: (816) 271-4138
oaharris@missouriwestern.edu

**NOVEMBER 2013**

28-31
Field Methods
CONTACT: Dr. Dawnie Steadman
oste@utk.edu
http://fac.utk.edu/courses.html

28-31
Field Methods
CONTACT: Dr. Dawnie Steadman
oste@utk.edu
http://fac.utk.edu/courses.html

**Academy News**
JUNE 2013

3-7
Outdoor Human Remains Recovery
To be held at the Forensic Anthropology Center at Texas State University in San Marcos, TX.
CONTACT: Sophia Mavroudas
(512) 245-1900
FACTS@txstate.edu
www.txstate.edu/anthropology/facts/workshops.html

10-12
Forensic Taphonomy of Texas
To be held at the Forensic Anthropology Center at Texas State University in San Marcos, TX.
CONTACT: Sophia Mavroudas
(512) 245-1900
FACTS@txstate.edu
www.txstate.edu/anthropology/facts/workshops.html

10-14
Outdoor Recovery
CONTACT: Dr. Dawnie Steadman
osteco@utk.edu
http://fac.utk.edu/courses.html

17-21
Forensic Anthropology Methods
To be held at the Forensic Anthropology Center at Texas State University in San Marcos, TX.
CONTACT: Sophia Mavroudas
(512) 245-1900
FACTS@txstate.edu
www.txstate.edu/anthropology/facts/workshops.html

17-21
Human Identification
CONTACT: Dr. Dawnie Steadman
osteco@utk.edu
http://fac.utk.edu/courses.html

24-28
Forensic Taphonomy
CONTACT: Dr. Dawnie Steadman
osteco@utk.edu
http://fac.utk.edu/courses.html

JULY 2013

22-25
Masters 15 Conference for Advanced Death Investigation
To be held at Saint Louis University in St. Louis, MO.
CONTACT: Julie Howe
(314) 977-3970
howej@slu.edu
http://medschool.slu.edu/masters

SEPTEMBER 2013

2-6
25th World Congress of the International Society for Forensic Genetics
To be held in Melbourne, Australia.
CONTACT: http://isfg2013.org

9-13
Medicolegal Death Investigator Training Course
To be held at Saint Louis University in St. Louis, MO.
CONTACT: Julie Howe
(314) 977-3970
howej@slu.edu
http://medschool.slu.edu/mldi

DECEMBER 2013

8-10
Crime Scene Photography- Phase 1
This course will be held at Sirchie’s facility in Youngsville, NC.
CONTACT: (800)356-7311
www.sirchie.com

17-19
13th Annual Conference: Passing the Torch: A National Symposium on the 50th Anniversary of the Assassination of President John F. Kennedy
CONTACT: wechtinstitute@duq.edu
www.duq.edu/forensics

OCTOBER 2013

24-28
Bloodstain Pattern Analysis II
To be held in Albuquerque, NM.
CONTACT: Craig Gravel
Bevel, Gardner & Associates
(405) 706-8489
rcgravel@aol.com
www.bevelgardner.com
Do you know someone who may be interested in AAFS membership?

Please provide the information below and AAFS will send an application to:

Name: _______________________________________________________________________
Address:______________________________________________________________________
City:_________________________________________________________________________
State:____________________________________________Zip:_______________________

Please provide your name so the potential applicant will know who requested the application. AAFS will also recognize you by placing a Sponsor ribbon in your 2013 Annual Meeting registration packet. Please detach form and return to AAFS. Thank you.

Your name: ___________________________________________________________________

AAFS promotes the advancement of the Forensic Sciences and Forensic Scientists

AAFS Benefits
Your inclusion in the AAFS will give you access to the most talented forensic scientists in the nation via personal contact, workshops, seminars, an the AAFS Annual Scientific Meeting, to be held February 18-23, 2013, in Washington, DC.

You will receive the Journal of Forensic Sciences devoted to the publication of original investigations, observations, scholarly inquiries and reviews in the various branches of the forensic sciences. This is the official bi-monthly publication of the AAFS.

Your involvement will contribute to the advancement of the forensic sciences.

You will receive the bi-monthly Academy News which will keep you informed of professional issues, upcoming forensic meetings, and conferences, job opportunities, section news, and Forensic Sciences Foundation activities.

For more information:
Phone: (719) 636-1100
Fax: (719) 636-1993

New Applicant Services Only:
(800) 701-AAFS

Email: membership@aafs.org
Website: www.aafs.org