President’s Message

Dear Colleagues; by the time you receive this, we will be into the last few weeks before the 2014 Annual Scientific Meeting in Seattle. Seattle is one of our membership’s favorite meeting venues for the public market and downtown shopping, the waterfront restaurants, the great seafood and oysters, and the spectacular surroundings and sights. I lived there for many years and always enjoy an opportunity to go back. Consider arriving early or staying afterwards to enjoy the great Pacific Northwest.

We have an outstanding scientific and social program again this year, and I want to thank all the members of our Program Committee and its Chair, Jeri Ropero-Miller (Toxicology), and Co-Chair, Ken Williams (Criminalistics) for putting this together. We have a full calendar with twenty-four workshops, five breakfast seminars, and above average submissions for platform and poster sessions in some sections. I’m especially pleased to see the activity of the Young Forensic Scientists Forum (YFSF) this year, and the focus of the program around our theme of Forensic Science Education and Mentorship: Our Path Forward. The theme combines two important touch points: the fifth anniversary of the release of the 2009 NAS Report on Strengthening Forensic Science in the United States – Our Path Forward, and the related consideration of who will be leading our profession over the next decade when many of the changes engendered by that report will be coming into effect.

Through my career in forensic science, I have been fortunate to have worked in university forensic science departments, in police-managed crime labs, and currently in private and non-profit institutions dedicated to forensic science service, education, research, and training. Through all these transitions, I have received career guidance and support from a host of people I met through attendance at AAFS meetings and participation in section events, interdisciplinary workshops, and other AAFS activities. I feel strongly that it is our responsibility as an organization to ensure we have a strong junior membership ready to take up the challenge of the

Attention All Voting Members and Fellows

Pursuant to AAFS policies, specific documents (i.e., proposed bylaws amendments and the financial audit report) must be provided to the Voting Members of the Academy 30 days prior to the Annual Business Meeting. Documents which have historically been mailed in January (e.g., Applicants List, Proposed Bylaws Amendments, Audit Report, and Annual Business Meeting Minutes) are available online through the secure member login system on the AAFS website (www.aafs.org).

To access the 2014 Applicants List, 2014 Proposed Bylaws Amendments, 2013 Audit, and 2013 Annual Business Meeting Minutes:

1. Log on to your AAFS member account (Account Login). If you have trouble logging on to your account, please contact the AAFS office at (719) 636-1100.
2. Under the “Action Center - I want to...” tab, select “View Voting Member Documents” where you will find links to each document.
3. View, download, print, or save the documents as needed.

If you prefer to receive a hard copy of one or all of the documents, please contact the AAFS Membership Department at membership@aafs.org or (719) 636-1100. Action on the proposed bylaws amendments and adoption of the 2013 Audit Report will take place on Wednesday, February 19, during the Annual Business Meeting.
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Future AAFS Annual Meeting Dates

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

February 16-21, 2015
Hyatt Regency 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 Center
Seattle, WA

February 18-23, 2019
The Baltimore Convention Center
Baltimore, MD
Invitation to the 20th World Meeting of the International Association of Forensic Sciences (IAFS) in Seoul, Korea

The 20th World Meeting of the International Association of Forensic Sciences (IAFS) will convene in Seoul, Korea, October 13-18. The theme of the meeting is, New Horizons in Forensic Sciences. AAFS has a long-standing tradition of participation in the IAFS meetings and we look forward to continuing that tradition in Seoul.

IAFS President, Hee-Sun Chung, has extended a personal invitation to members of the AAFS to present their research during a special AAFS showcase during the IAFS meeting. Dr. Chung will be attending the AAFS Annual Scientific Meeting in Seattle next month and will be available to discuss her plans for the IAFS meeting in Korea with us at that time.

As incoming president of the Academy, it will be my great privilege to lead our delegation to this historic meeting. Anyone interested in presenting a paper at the IAFS meeting is encouraged to contact me directly at iafs@aafs.org in order to coordinate the submission of abstracts for the program.

The deadline for submissions is May 31, with acceptance notifications to be sent by July 9.

The official IAFS website may be found at www.wff2014korea.org.
We have been prophesying imminent action for a while now, but despite a seemingly quiet summer and fall, in fact, there have continued to be significant, behind the scenes efforts in Washington—we thus continue to prophesy action in the coming year.

The President is required by law to deliver a budget to Congress between the first Monday in January and the first Monday in February. This year, it was delivered on April 10. The House voted out of Committee their edits of the Justice budget on July 17, and the Senate voted out of Committee their edits on July 18. However, the Congress could not agree on many issues and they shutdown. On October 17, they reopened for business and passed a Continuing Resolution which will expire on January 17. So, the government is open and can spend money on existing programs until January 17, but cannot spend money on new programs. In the meantime, the House and Senate continue to attempt to work out their differences between the House and Senate versions of the budget. These differences include a Senate version that funds the Paul Coverdell Act and the Forensic Initiative and a House version that would not; they both agree on the DNA funding.

The Senate also voted out of Committee the Justice For All Act which is the legislation granting the government the authorization to fund many of the forensic grants such as the Debbie Smith and Paul Coverdell. This bill still needs to go to the floor of the Senate for a vote and then the House will have to act on it. Again, the differences will have to be ironed out.

The Leahy forensic reform bill continues to move forward and now has bipartisan and bicameral support. The CSFO has met with many of the key staff and are told that they are very close to the next draft. The changes being made are largely due to discussions between the Republicans and Democrats of the Senate and House and will be key to its eventual passage. We hope to report very soon on the re-introduction of the bill.

At the time of this writing, the DOJ/DOC National Commission on Forensic Science has yet to be announced; we understand that there will be 30 members. Lastly, NIST has recently met with the AAFS Board of Directors to discuss the formation of the Guidance Groups or whatever may be the successor of the current SWGs. No funds have yet been appropriated for these two Executive Branch efforts, so any action here is from reprogrammed existing funds.

I wish to thank Beth Lavach, the CFSO lobbyist, for her gracious input for this article.
Forensic Science Education and Mentorship: Our Path Forward

Engineering Sciences Efforts in Education and Mentoring

Source: James R. Millette, PhD, Engineering Sciences Section Chair

Disclaimer: The views and opinions expressed in the articles contained in the Academy News are those of the identified authors and do not necessarily reflect the official policy or position of the Academy.

An informal survey of the Engineering Sciences Section membership of AAFS found that the members have many ways of being engaged in the education and mentoring of forensic scientists in their specific fields. For example, Scott Batterman developed and taught a forensic engineering course at Temple University (senior level/1st year graduate) modeled after a course his father (Steven Batterman, ESS Retired Fellow and Professor Emeritus at Penn) developed and taught at the University of Pennsylvania many years ago. As AAFS President from 1994 to 1995, Steve established the Young Forensics Scientists Forum (YFSF) which has grown into a very active group of several hundred members within the Academy and now has its own program at the annual meeting as well as their own newsletter. Dr. Batterman also instituted a mentorship program during his AAFS presidency.

Carole E. Chaski taught a course involving forensic techniques and natural language engineering at the Linguistic Society of America’s Linguistic Institute, held at the University of Michigan - Ann Arbor, in the summer of 2013, with students from the U.S., U.K., Ecuador, Korea, Bosnia, and The Netherlands. In Spring 2014, she will be teaching “Forensic Linguistics,” a graduate-level course at George Washington University’s Department of Forensic Sciences.

Kurt Weiss presents a course on Introductory Concepts in mechanical engineering that includes forensic engineering and traffic collision reconstruction at a local campus of the University of California. Roy Crawford and Kurt Weiss hosted a webinar for high school and college students considering careers in forensic engineering sciences. Roy Crawford also ran the ESS portion of the Student Academy session at last year’s annual meeting.

James Clarke teaches a course for graduate- and upper-level undergraduate students on Environmental Characterization and Analysis at Vanderbilt University. He includes a lecture on environmental forensics and gives his students the assignment of selecting an article from the Journal of Forensic Sciences and preparing a presentation to the class.

Donn Peterson provides education in forensic engineering during presentations at AAFS, NAFE, SAE, Rotary and Lions Clubs. He also maintains personal relationships with other forensic engineering scientists involving one-on-one discussions regarding ethics, professional memberships, and case specific engineering principals.

Mark Pozzi has conducted teaching/mentorship activities using the data, photos, films, and presentation materials developed from government research, testing, and forensic investigation activities by James Millette. These include multiple presentations for middle- and high-school science classes on applied physics, forensic investigation, and vehicle safety. He has conducted more detailed presentations and classes for medical schools, medical examiner offices, and professional medical groups such as the American Board of Forensic Nursing, Lovelace Medical Center (pediatric and surgical staff), Beth El College (forensic nursing), University of Central Missouri (graduate programs in safety engineering), and the University of New Mexico (medical school and various other departments); as well as professional police, fire, legal, scientific, and engineering groups associated with forensic investigations. He has been asked to speak to the Arizona and New Mexico legislatures regarding mandatory seat belt laws and other transportation safety issues. He found that trying to teach legislators complex subject matter in a few minutes and providing them with objective handouts they can rely on for reaching their vote is a daunting task. He has mentored young people who have gone on to graduate programs in forensic-related sciences at both domestic and foreign universities. Mark has also been an advisor to various 4-H participants in technical projects as well as junior high and high school science fair contestants, and has served as a science fair judge.

In the 1990s, Tom Bohan was working with a program supported by the American Institute of Physics in which he made presentations concerning his forensic work as a physicist to undergraduate physics students at five universities in the U.S., including the University of North Carolina and Washington State University. In 2002, he was one of the presenters (as well as co-chair) of the Forensic Science Educators Conference at Pace University in lower Manhattan. In 2002, he also presented an address in Istanbul, Turkey, regarding competence and validation in the field of forensic sciences, all while handing out applications for AAFS memberships. He did the same thing in Lima, Peru, and in Shenyang, China in 2013. (In Shenyang, he addressed several hundred undergraduate students at the National Police University of China.) Because of his international work, Tom Bohan is responsible for 50% of the Academy’s membership from China (i.e., one member in the General Section).
Forensic Science Education and Mentorship: Our Path Forward

A Critical Look at Some Needed Reforms in the Landscape of Forensic Science Education and Mentorship Training Standards

Source: Andrew Sulner, MSFS, JD, Jurisprudence Section Chair

Disclaimer: The views and opinions expressed in the articles contained in the Academy News are those of the identified authors and do not necessarily reflect the official policy or position of the Academy.

Introduction

Unlike other sections of the Academy, the Jurisprudence Section is primarily made up of lawyers and judges who use, challenge, or evaluate the reliability/credibility of forensic expert opinions. However, some of our section members actually do work full-time as expert witnesses in a forensic discipline. For example, I am a third-generation forensic document examiner in private practice for more than 35 years, who was fortunate enough to also experience the trials and tribulations of serving the public as a state prosecutor. My education and training in the forensic sciences and the law was comprehensive and multifaceted. It taught me how to think critically when evaluating data or evidence and to consider alternative possibilities and it reinforced the importance of maintaining neutrality when embarking upon any truth-seeking endeavor. In my chosen field of forensic science, I had the luxury of receiving my principal training from an internationally recognized expert in forensic document examination who happened to be my mother. My initial training was augmented by the training and continuing education I received from a retired FBI document examiner and numerous other document examiners and forensic scientists trained in the public and private sector. In this article, my thoughts and perspectives on some of the reforms needed with respect to education, training and mentorship, and standards development, undoubtedly shaped by my educational and professional background and experience, are directed towards all the significant role players in the American judicial system (criminal and civil) — crime laboratories, forensic practitioners, trial lawyers, and even trial judges.

Reforming the Education and Mentorship Training Standards for Forensic Practitioners

In view of the 2009 NAS Report, the recent highly publicized revelations of systemic flaws and forensic practitioner errors occurring in state crime laboratories, the ongoing discovery of forensic science errors in DNA exoneration cases, and other instances of wrongful convictions, the current paradigm for educating and training forensic practitioners needs to be scrutinized and evaluated critically and objectively, preferably by qualified professionals within and without the forensic science community, and preferably with international input from trusted forensic resources in the European Union (EU) and Australia.

Traditionally, entry into a forensic science discipline has come by way of apprenticeship, achieved through on-the-job mentorship training in a government crime lab, or as an apprentice to a mentor in the private sector. Although the educational component of training has become more formalized during the past 15-20 years, tutelage via mentorship has and still remains an essential component of training, especially in forensic disciplines dependent upon human pattern recognition skills. Unfortunately, there is still no formalized or standardized method of mentorship training in either crime laboratories or the private sector, and the quality and consistency of the training being provided is laboratory-dependent and/or mentor-dependent, with differences reflected in procedures, content, standards, and outcomes.

While working with an instructor-mentor on actual cases is considered essential to acquiring hands-on practical experience, developing best practices, and optimizing skill sets for performing the full range of forensic examinations routinely encountered in a particular discipline, there are no verifiable data to substantiate that mentorship training in its present form achieves its intended purpose, regardless of whether such training occurs in the public or private sector. Moreover, since the mentor is often entrusted with the responsibility of testing and assessing the trainee’s abilities upon completion of the mentorship training, there clearly exists an intrinsic bias towards “passing” the trainee. Curing deficiencies of this sort is essential if forensic science is to move forward and achieve the recognition and respect it seeks.

Regrettably, some forensic disciplines insist on modeling their training on the basis of it having been done historically in a particular way, despite the absence of valid, independent research studies supporting the efficacy of that particular training method. For example, the claim by some government-trained forensic document examiners that mentorship training achieved through a two-year “in-residence” internship produces more skilled practitioners than any other form of mentorship training is unfounded and as yet not empirically proven. Insisting on a particular training paradigm “because that’s the way we’ve always done it” or “because the majority of practitioners believe it to be the most effective method of training” reflects the type of confirmatory bias that can produce undesirable results.

Group-serving bias, characterized by coordinated action towards a common goal by members of a particular group or coalition, is yet another source of bias that impacts all sorts of decision-making within the forensic science community. It is one of the dangers and risks of having the process for developing forensic standards controlled by members of the law enforcement community or any other coalitional alliance, especially when it comes to the development of standards recommending minimum training requirements for practitioners in a given forensic discipline. This became apparent with the closure of ASTM Subcommittee E30.02 on Questioned Documents, which ensued after
Forensic Science Education and Mentorship: Our Path Forward

Odontology Section: Quality Education and Mentorship is the Key and Lifeblood of Our Success

Source: Raymond G. Miller, DDS, Odontology Section Program Chair

Disclaimer: The views and opinions expressed in the articles contained in the Academy News are those of the identified authors and do not necessarily reflect the official policy or position of the Academy.

Forensic dentistry is a noble vocation, an intellectual challenge, and a gratifying way to serve dentistry and the public. However, forensic dentistry may not be a viable career choice. Presently, there are very few full-time civilian forensic dentists in the United States. Most forensic odontologists work at their regular jobs and only practice forensic dentistry when special situations or cases occur.1 The only requirement for forensic odontologists is that they are dentists with a doctorate in either dental medicine (DMD) or dental surgery (DDS). Significant training and experience is an obligation of any dentist considering venturing into the practice of this specialized area of dentistry. The initial interest in “getting involved” must be tempered with an understanding of the accompanying responsibilities. The results of our decisions effect lives. The ramifications of an inaccurate or personally biased opinion can be extensive and immutable.2 Quality education and mentorship is the path to the development of a responsible, ethical, and qualified forensic odontologist.

Education and mentorship are the lifeblood for development of our membership. Forensic odontology in the United States has many advanced training opportunities but no advanced degree programs devoted exclusively to the discipline. It is incumbent on any individual with an interest in forensics to seek out every educational opportunity, to develop skills and knowledge to be qualified to inject themselves into actual casework. A significant advantage is an opportunity to be mentored by an experienced, qualified, and capable mentor. Most experienced forensic odontologists would be able to relate their rise to prominence in the field to one or more mentors to whom they owe their success.

Our specialized area of dentistry has a well-tuned hierarchal structure which encourages both education and mentorship. As one begins the journey to “get involved,” there are two principal recommendations: (1) Organizational involvement; and, (2) Reach out to involved forensic odontologists in one’s community. Organizational involvement will lead to educational opportunities as well as the best network to meet the practitioners in the field. The basic organization with no requirements or qualifications is the American Society of Forensic Odontologists (ASFO). Through their newsletter, published manual, and annual meeting, an entry level forensic odontologist will find numerous advanced training opportunities and connections with many experienced practitioners. Reaching out to practitioners in one’s region or community can sometimes be related to something as simple as luck and “right place, right time.” Many factors can and will come into play and not all of them are under an individual’s control. One piece of advice is respect, perseverance, and dedication to duty when an opportunity arises. A valuable mentor can be the difference in one’s advancement through the ranks.

This initial entry into forensic dentistry may lead to a desire to advance to the next level of organizational involvement - the American Academy of Forensic Sciences (AAFS) Odontology Section. Membership in the AAFS and the Odontology Section has both educational and affiliation requirements. It is the goal that these would be met by initial involvement in the ASFO and mentorship contacts made. The AAFS has graduated promotion as one attends annual meetings, participates in meetings, and submits abstracts for presentation. Again, this is another area that an experienced mentor can be of valuable assistance. One can probably already see with the need to travel and pay for educational opportunities, dues as well as meeting registration, financial obligations can be significant. Forensic odontology is sometimes referred to as an “expensive hobby” because more money is spent on education and equipment than is generated in income.3 A hobby is a poor term to use since the implications and impact of one’s opinions and actions require application of significant knowledge, training, and the highest of ethical standards.

Through hard work, education, and experience, a forensic odontologist will pass through the various levels of organizational involvement. If so, one may possess the necessary prerequisite requirements and knowledge to challenge the examination for board certification in the American Board of Forensic Odontology (ABFO). The requirements to become a diplomat are extensive and arduous but that only makes the goal that much more meaningful.4 Through an individual’s hard work, reaching this pinnacle of expertise is a significant accomplishment. As stressed earlier, it is only through rigorous education that this path can be navigated. Many of those who have achieved this goal will also credit the guidance of a gifted and experienced mentor. It is without a doubt that a mentor can make the difference in the development of a successful forensic odontologist. Education and mentorship is the key and lifeblood to our path forward. As we move closer to our annual meeting next month, keep this in mind. Reflect on your own experiences. Reach out to our newer members and grant them the gift of your experience and guidance on their path forward.


continued on page 39
Greetings and a very Happy New Year to all! Another year has come and gone and it leaves one wondering, “Where does the time go?” I still remember attending the 2013 Annual Business Meeting in Washington DC, like it was just yesterday. I remember listening as AAFS President Barry Logan accepted his term and announced the theme of mentorship for the 2014 Annual Scientific Meeting. I also remember thinking the meeting is such a long time away. Well, here we are, just a few days into the new year and just over a month before many of us convene in downtown Seattle for the 66th Annual Scientific Meeting of the American Academy of Forensic Sciences. Again, where does the time go?

For many of you, time was on your side this past year, as it relates to a few AAFS deadlines. The October 1 deadline for membership and promotion applications has passed, but not before more than 1,500 of you were able to submit your applications. That, my friends, is outstanding! The Membership Committee is currently in the final stages of the review process and they may need just a little extra time to complete the process. The names of the applicants will be presented to the AAFS Board of Directors prior to the start of the 2014 Annual Scientific Meeting. Although many of the applications are for promotions, we will certainly welcome quite a few new members to our existing membership base of just over 6,500 members.

The August submission deadline typically catches a few prospective presenters off-guard. That may have been the case again, however many of you kept a watchful eye on the calendar and your time. As a result, over 1,000 abstracts were successfully submitted prior to the August 1 deadline. The timely submissions created a daunting review process for the Program Committee, but it also led to the fortunate acceptance of over 880 oral and poster presentations; 24 workshops; 5 breakfast seminars; 2 Academy-wide luncheon seminars; and 2 special sessions. All of which, over the span of six days, could be very overwhelming, especially to a first-time attendee. It’s certainly a lot to take in and to navigate. I remember feeling that way at my first annual meeting many years ago. Therefore, in the spirit of mentoring, may I suggest a few pointers to the first-time attendees and any others in need of a “how to get the most out of the annual meeting” refresher.

#1 – Don’t miss the January 22nd pre-registration deadline. This is not a firm deadline to attend the annual meeting; however, it is a firm deadline to register for the Special Functions (e.g., workshops, breakfast seminars, luncheon seminars, special sessions and section luncheons, etc.) offered throughout the week. There are a few benefits to registering early. The pre-registration rate is considerably less than the on-site registration rate. An individual can save up to $125 by registering in a timely manner. The Special Functions fill quickly due to limited seating and there are a number of functions scheduled for your consideration. There is a full-day, hands-on workshop designed to instruct the attendees on the use of various light sources and filter enhancement techniques in the examination of questioned documents. Speaking of hands-on, how about a hands-on experience with postmortem monocular indirect ophthalmoscopy with members of the Pathology/Biology Section? Now that’s a mouth full, which leads me right into the breakfast seminars. This year’s, Thomas Krauss Memorial Bitemark Breakfast will highlight
the activities of FBI Special Agent Scott Hahn. These are a few of the many Special Functions that have been organized by the Program Committee. Please be sure to register early for these events in order to reserve a seat.

#2 – Take full advantage of the Scientific Sessions. There are over 800 presentations scheduled as part of the three-day Scientific Sessions. While time does not permit an individual to attend every presentation, attendees have the ability to and are encouraged to attend as many presentations as they can squeeze into each of the three days. Use of the “Calendar of Events” will aid in this endeavor. The calendar provides a snapshot of the week’s events and makes it much easier for the attendee to follow a planned itinerary, especially if you plan to take full advantage of what the scientific sessions have to offer. With Scientific Sessions from as many as 11 different sections, the Annual Scientific Meeting is a professional development smorgasbord. Attendees are encouraged to take advantage of the multidisciplinary aspects of the meeting by attending the Scientific Sessions from the various sections of the Academy. The recognition of this aspect is evidenced by at least four of the Academy sections. There is a multidisciplinary session on Thursday for the Psychiatry & Behavioral Science and the Questioned Documents Sections. Friday will showcase a multidisciplinary session for the Pathology/Biology and Toxicology Sections. The multidisciplinary sessions are great ways to stay abreast of advances in not only your discipline but related disciplines as well.

Yet another way to take advantage of the Scientific Sessions and the special functions is through the Continuing Education Credits. The AAFS is accredited by multiple groups to provide continuing education credits for a variety of disciplines. A small administrative fee is required in order to take advantage of this particular facet of professional development and you must follow the guidelines set forth by the Academy. For additional information, please contact Kimberly Wrasse at kwrasse@aafs.org.

#3 – Have fun. I must confess…I borrowed/stole this point from AAFS Program Chair Jeri Ropero-Miller, but my action is justifiable. Having fun at the annual meeting is easily overlooked once you take a look at the jam-packed schedule. However, a closer look at the schedule will reveal ample opportunities to actually enjoy the Annual Meeting for more than just its training aspects. The Tuesday evening Welcoming and Thursday evening Wine & Cheese Receptions provide the perfect venues to meet new and to reconnect with colleagues. There are numerous talks scheduled that will allow attendees to appreciate the intended humor in addition to the educational component. The Mentorship-in-Motion Pre-Plenary Game incorporates the mentorship theme into a fun and innovative networking type activity for our “younger/newer” members and attendees. If you are not on one of the 11 pre-selected teams, you may still join in on the fun by testing your knowledge of the Academy as you try to answer the multiple choice questions projected onto the screen. The Last Word Society is also a wonderful time filled with various presentations that may not fit into the overall scheme of the Scientific Sessions. The presentations are typically a bit longer in duration and cover a wide range of topics.

And while attending the AAFS Annual Business Meeting may not scream “fun” to most, the chance to receive a complimentary registration to next year’s annual meeting may be a bit more appealing. As an incentive for attending the business meeting, all Fellows and Members in attendance will automatically be entered in a drawing to receive a complimentary registration for the 2015 Annual Meeting in, wait for it... Orlando, FL. Now that could be fun! Be sure to get your name badge scanned before entering, as it will certainly become time well spent for one, randomly selected attendee.

The AAFS Staff and Program Committee are in the final stages of preparation for the meeting. If you have not done so already, we hope you will consider joining us in the Pacific Northwest for the 66th Annual Scientific Meeting. We realize there is a jam-packed week ahead, but we like to think you will find the time to enjoy a nice hot bowl of chowder at the waterfront while in Seattle... or at least a nice, warm chocolate chip cookie! Obviously, I prefer the latter.

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### LAST CHANCE TO PRE-REGISTER

The AAFS 2014 66th Annual Scientific Meeting’s Pre-Registration Form is provided in this issue of the Academy News on page 19. Attendance at all Special Functions (workshops, special sessions, and breakfast and luncheon seminars) is by pre-registration only. The deadline for pre-registration is Wednesday, January 22. The deadline is firm.

Pre-Registration Forms received after January 22 will be processed as on-site registrations and will cancel all Special Functions selections (e.g., breakfast & luncheon seminars, special sessions, and workshops). To ensure your full participation, don’t delay! Mail or email your registration form today, or go to the AAFS website (www.aafs.org) and register online! Registration forms faxed to the AAFS offices are not accepted.
The **Distinguished Fellow Awards** will be presented on Wednesday, February 19, during the AAFS Annual Business Meeting. Join us in acknowledging your most distinguished colleagues as they are presented with these prestigious awards.

## Distinguished Fellow Honorees

**Edmund R. Donoghue, MD**

**Graham R. Jones, PhD**

**Section Awards** will be presented during Section Business Meetings, also on Wednesday, February 19, at 2:00 p.m. The Section Award recipients will be acknowledged again before the entire membership along with or prior to the presentation of the Distinguished Fellow Awards.

### 2014 Section Award Honorees

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<tr>
<th>Section Name</th>
<th>Award Name</th>
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<tr>
<td>Criminalistics Section’s</td>
<td>Paul L. Kirk Award</td>
<td>Eric Buel, PhD</td>
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<td>Mary E. Cowan Outstanding Service Award</td>
<td>Mark D. Stolorow, MS, MBA</td>
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<td>Meritorious Service Award</td>
<td>Michael M. Healy, MBA</td>
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<td>Digital &amp; Multimedia Sciences Section’s</td>
<td>Outstanding Research Award</td>
<td>Golden G. Richard III, PhD</td>
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<td>Outstanding Case Study Award</td>
<td>Irfan Ahmed, PhD</td>
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<td>Marcus Rogers, PhD</td>
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<td>Cory Nguyen, MSc</td>
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<td>General Section’s</td>
<td>Achievement Award</td>
<td>Randall Lockwood, PhD</td>
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<td>John R. Hunt Award</td>
<td>Robert C. Gaffney, MFS*</td>
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<td>Paul W. Kehres Meritorious Service Award</td>
<td>James A. Bailey, PhD</td>
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<td>Robert “Bob” Thibault Award</td>
<td>John E. Gerns, MFS</td>
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<td>Jurisprudence Section’s</td>
<td>Harold A. Feder Award</td>
<td>Betty Layne DesPortes, JD</td>
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<td>Odontology Section’s</td>
<td>Lester Luntz Award</td>
<td>James McGivney, DMD</td>
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<td>Reidar F. Sogmaes Award of Excellence in Forensic Odontology</td>
<td>Robert E. Barsley, DDS, JD</td>
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<td>Pathology/Biology Section’s</td>
<td>2013 Best Resident Paper Award Honorable Mention</td>
<td>Erin M. Carney, MD</td>
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<td>Milton Helpern Award</td>
<td>Mary E.S. Case, MD</td>
</tr>
<tr>
<td></td>
<td>Forensic Biology Lifetime Achievement Award</td>
<td>Ke Chung Kim, PhD</td>
</tr>
<tr>
<td>Physical Anthropology Section’s</td>
<td>T. Dale Stewart Award</td>
<td>Thomas D. Holland, PhD</td>
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<tr>
<td></td>
<td>J. Lawrence Angel Award</td>
<td>Elizabeth M. DeViss, BSc</td>
</tr>
<tr>
<td>Psychiatry &amp; Behavioral Science Section’s</td>
<td>Maier I. Tuchler Award</td>
<td>Manuel Lopez-Leon, MD</td>
</tr>
<tr>
<td>Questioned Documents Section’s</td>
<td>Ordway Hilton Award</td>
<td>Karen S. Runyon, BA*</td>
</tr>
<tr>
<td>Toxicology Section’s</td>
<td>Alexander O. Gettler Award</td>
<td>Robert J. Osiewicz, PhD</td>
</tr>
<tr>
<td></td>
<td>Rolla N. Harger Award</td>
<td>Michael L. Smith, PhD</td>
</tr>
</tbody>
</table>

*Posthumous
Toxicology Section’s cont.

Ray Abernethy Award
Michael Wagner, MS

Irving Sunshine Award
David M. Schwope, PhD

June K. Jones Scholarship Award
Sarah K. Himes, BS

2014 AAFS Regional Award Winners

California Association of Criminalists
Meiling Robinson, MS

California Association of Toxicologists
Danielle C. Mata, MS

Northwest Association of Forensic Scientists
Steven F. Stone, MS

2013-14 FSF Emerging Forensic Scientist Award Honoree

The FSF Emerging Forensic Scientist Award will be presented on Wednesday, February 19, during the AAFS Annual Business Meeting. You’ll want to be present to congratulate recipient:

James Hopkins, BA

2013-14 FSF Jan S. Bashinski Criminalistics Graduate Thesis Assistance Grant

The FSF Jan S. Bashinski Criminalistics Graduate Thesis Assistance Grant will be presented on Wednesday, February 19, during the Criminalistics Section Business Meeting. You’ll want to be present to congratulate the recipient:

Ashley M. Mottar, BS

Download the 2014 Guidebook App from the iTunes® App Store or the Android Market

The AAFS Annual Meeting is Mobile!
Access To Your Meeting Events Is At Your Fingertips!

Schedules, Maps, Exhibitor information, and more are available on your mobile device - completely free.

Download Guidebook on the Apple App Store or Android Marketplace, or visit m.guidebook.com.
Do You Need to Share a Room in Seattle, WA?

If you would like to have more spending money to take in some of the “must see” sights while in Seattle, WA, during the AAFS 66th Annual Scientific 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.

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 19, at 4:15 p.m., at the Washington State Convention Center in Seattle, WA. 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 2014-15 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 2015 AAFS Annual Meeting in Orlando, FL.

Selected As The Official Airline for Seattle, WA

The American Academy of Forensic Sciences has selected United Airlines as the official airline carrier for the American Academy of Forensic Sciences 66th Annual Scientific Meeting. The meeting will be held February 17-22, 2014, in Seattle, WA, USA.

Domestic Flights
Book online at www.united.com and enter your Offer Code ZR3F490495 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 ZR3F490495 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: 490495
- Z Code: ZR3F

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 are not applicable from points-of-origin located in Japan.
- Discounts may not apply to ten (10) or more people traveling together on the same United Flight (e.g., group travel).
66th Annual Scientific Meeting Plenary Session

Plenary Chair Laura Liptai, and Co-Chair Susan Ballou cordially invite you to attend the 2014 Plenary Session that will be held on Wednesday, February 19, at 9:00 a.m. Don’t miss this exciting opportunity to listen to recognized speakers from around the world. These presenters will challenge your beliefs, provoke your intellect and inspire you to review your status quo. What a great way to learn more about the world of forensic science five years after the NAS Report.

Joining the Plenary panel will be Andrew Rennison, United Kingdom’s first Forensic Science Regulator. Mr. Rennison stated, “The role of Forensic Science Regulator for the U.K. was created in early 2008 principally to regulate the quality of the science in forensic science.” Sharing his experiences he aims to show the approach he has taken to deliver improved quality standards for all aspects of forensic science. Another speaker, Alastair Ross, the Director of the National Institute of Forensic Science at Australia New Zealand Policing Advisory Agency, has applicable history to share with his United States counterparts. Mr. Ross notably stated, “Australia has had a National Institute of Forensic Science (NIFS) since 1992 and it has had a significant impact on the advancement of the forensic sciences over the last 21 years.” The information Mr. Ross provides may give insight into what can be expected from the United States’ newly created entity, the National Commission on Forensic Science. Forensic scientists may be wondering if the NAS Report had any effect on accreditation and they inadvertently missed the memo. Derek Hammond, President of the United States Forensic Specialties Accreditation Board (FSAB), will enlighten attendees whether the impact was negligible or had large consequences. This same thought spills over into education-has the NAS made a difference? Who more appropriate to discuss this topic than the current chair of the Forensic Science Education Programs Accreditation Commission, Timothy Palmbach. These speakers will be guided through panel protocols by none other than our own AAFS President, Barry Logan.

Mark your calendars, ensure your flights, give suitable time, and join the masses that will be partaking in the 2014 Plenary Session.

66th Annual Scientific Meeting Registration Fees

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>PRE-REGISTRATION</th>
<th>ON-SITE REGISTRATION</th>
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<tr>
<td>AAFS Members, Trainee Affiliates, Applicants</td>
<td>$275</td>
<td>$400</td>
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<td>$125</td>
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<td>$495</td>
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<td>Non-Member Trainees</td>
<td>$275</td>
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<td>Full-Time Students</td>
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<tr>
<td>IAI Members &amp; AFTE Members</td>
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<tr>
<td>Daily Registrants</td>
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<td>$150/day</td>
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Pre-Registration Deadline: Wednesday, January 22
The American Academy of Forensic Sciences has selected four hotel properties for your stay during the 66th Annual Scientific Meeting in Seattle, WA: the Sheraton Seattle, the Hilton Seattle, the Grand Hyatt Seattle, and the Hyatt at Olive 8. All of the hotels are within walking distance of the Washington State Convention Center and offer great amenities to help you through your stay.

For hotel availability during the American Academy of Forensic Sciences’ 66th Annual Scientific Meeting, please go to the AAFS Annual Meeting “Accommodations” webpage to make your hotel reservation under the AAFS room block at any of the meeting hotel properties. By using the links on the “Accommodations” page, you will receive the discounted group rate for your stay during the annual meeting. By using this link on the AAFS Accommodations page, you will be taken to the hotel’s AAFS specific meetings page where you may secure your reservation at the group-contracted rate (see specific hotel rate and reservation deadline information below).

While early reservations are recommended to take advantage of discounted rates, please be sure to cancel your reservations by January 10, 2014, if you are unable to attend or you cannot use the reservations. This will make the rooms available for other attendees and will help AAFS avoid the financial penalties associated with cancellations made after the room block closes.

**Sheraton Seattle**

- Single/Double Occupancy: $175
- Reservation Deadline: January 17, 2014
- Online: Go to www.aafs.org and click on the 66th Annual Scientific Meeting’s link. Click on the “Accommodations” button and select the link to the hotel of your choice.
- By Telephone: To make your reservation by telephone, please call 1 (888) 627-7056 with the following information: guest name, arrival date and time, departure date, and bed type preference (e.g., king or two double beds). All rooms are non-smoking.
- Room Rate Availability: February 12-23, 2014
- Check In/Check Out: 3:00 p.m./12:00 p.m.

**Hilton Seattle**

- Single/Double Occupancy: $171/$191
- Reservation Deadline: January 28, 2014
- Online: Go to www.aafs.org and click on the 66th Annual Scientific Meeting’s link. Click on the “Accommodations” button and select the link to the hotel of your choice.
- By Telephone: To make your reservation by telephone, please call 1 (206) 624-0500.
- Room Rate Availability: February 17-21, 2014
- Check In/Check Out: 4:00 p.m./12:00 p.m.

**Grand Hyatt Seattle**

- Single/Double Occupancy: $189
- Reservation Deadline: January 19, 2014
- Online: Go to www.aafs.org and click on the 66th Annual Scientific Meeting’s link. Click on the “Accommodations” button and select the link to the hotel of your choice.
- By Telephone: To make your reservation by telephone, please call 1 (402) 592-6464.
- Room Rate Availability: February 12-22, 2014
- Check In/Check Out: 4:00 p.m./12:00 p.m.

**Hyatt at Olive 8**

- Single/Double Occupancy: $189
- Reservation Deadline: January 19, 2014
- Online: Go to www.aafs.org and click on the 66th Annual Scientific Meeting’s link. Click on the “Accommodations” button and select the link to the hotel of your choice.
- By Telephone: To make your reservation by telephone, please call 1 (402) 592-6464.
- Room Rate Availability: February 13-22, 2014
- Check In/Check Out: 4:00 p.m./12:00 p.m.
AAFS Guidelines For Presentations Using An 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 a large 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.

**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 the 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.
66th Annual Scientific Meeting Program Committee Disclosure

As a sponsor of continuing education, the American Academy of Forensic Sciences must insure balance, independence, objectivity, and scientific rigor in all its educational activities. All faculty participating in a sponsoring activity are expected to disclose any significant financial interest or other relationship: (1) with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in an educational presentation; and, (2) with any commercial supporters of the activity. (Significant financial interest or other relationship can include such things as grants or research support, employee, consultant, major stockholder, member of speaker’s bureaus, etc.) AAFS has an established policy regarding conflicts of interest that includes decisions the Program Committee members may make in selecting content for the Annual scientific Meeting Program. By serving on the committee, regardless of role, each member has agreed to comply with Section 1.4.7. of the AAFS Policy and Procedure Manual.

To serve on the 2013-14 Program Committees, it is required that relevant AAFS staff members, program committee members, and/or reviewers to complete a Financial Disclosure form before they were provided access to review submissions for the program. For continuing education accreditation purposes, the disclosed relationships are published below so that learners are aware of the nature of any relationships that may impact the selection of presentations for the program. If a committee member failed to provide complete disclosure of a relevant financial interest or relationship, the committee member or reviewer was not allowed to serve. The executed Faculty Disclosure Forms are on file in the AAFS Office.

B
Michael M. Baden, MD – Committee Member
Discloses no financial relationships with commercial entities.

Susan M. Ballou, MS – Committee Member
Discloses no financial relationships with commercial entities.

Eric J. Bartelink, PhD – Reviewer
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Suzanne Bell, PhD – Committee Member
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Gregory E. Berg, PhD – Committee Member
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Steven C. Clark, PhD – Committee Member
Discloses no financial relationships with commercial entities.

Sulekha Coticone, PhD – Reviewer
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Sondra B. Doolittle – AAFS Staff
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Lriott N. Dowdy, BS – Reviewer
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E
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Christine Funk, JD – Committee Member
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American Forensics (Salary).

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Harris County Institute of Forensic Sciences (Salary).

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Julie A. Howe, MBA – Committee Member
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Rebecca A. Jufer, PhD – Committee Member
Discloses no financial relationships with commercial entities.

K
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Discloses no financial relationships with commercial entities.

Sarah Kerrigan, PhD – Committee Member
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Erin H. Kimmerle, PhD – Committee Member
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Jennifer C. Love, PhD – Reviewer
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Toni Merritt – AAFS Staff
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Anjali A. Ranadive, JD – Committee Member
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Lauren Reba-Harrelson, PhD – Committee Member
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Forensic & Security Services Inc. (Salary), Accumyn LLC (Consulting Fees).
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(ISC)² (Honorarium), Wyndrose Technical Group (Royalties).
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George Washington University (Salary).

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Discloses no financial relationships with commercial entities.
Donald E. Shelton, JD, PhD – Committee Member
Discloses no financial relationships with commercial entities.
Claire E. Shepard, MS – Committee Member
Discloses no financial relationships with commercial entities.
Natalie R. Shirley, PhD – Reviewer
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Kate Spradley, PhD – Reviewer
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James E. Stairs, LLM – Committee Member
Discloses no financial relationships with commercial entities.
Peter R. Stephenson, PhD – Committee Member
Discloses no financial relationships with commercial entities.
Andrew T. Szymanski, BS – Committee Member
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Maria Teresa A. Tersigni-Tarrant, PhD – Reviewer
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Robert M. Thompson, BS – Reviewer
National Institute of Standards and Technology (Salary).
Karolyn L. Tontarski, MS – Committee Member
Applied Biosystems/Life Technologies (Consulting Fees), National Forensic Science Technology Center (Consulting Fees).

Ken Williams, MS, JD – Committee Member
Discloses no financial relationships with commercial entities.
Matthew R. Wood, MS – Committee Member
Discloses no financial relationships with commercial entities.

David J. Zeliff, MFS – Committee Member
Discloses no financial relationships with commercial entities.
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.

AAFS 2014 POSTER PRESENTATION FORMAT IS 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 the 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.
Registration forms must be received by Wednesday, January 22, to be eligible for the 2014 Special Functions and to quality for the discounted registration rate. On January 23, 2014, the on-site rates become effective and registration for the 2014 Special Functions will be voided. Faxed registration forms are not accepted. Registration questions may be directed to Tracie McCray (tmccray@aafs.org or 719.636.1100).

**REGISTRATION INFORMATION**

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<th>First/Given Name:</th>
<th>Last/Family Name:</th>
<th>Salutation ‘Dr/Mrs/Ms):</th>
<th>Gender (circle one): Male / Female</th>
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</tr>
<tr>
<td>City:</td>
<td>Email:</td>
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</tbody>
</table>

**First AAFS Meeting:** Yes  No  Hotel:  

The 2014 Proceedings will be available electronically to all meeting attendees. I choose not to receive a paper copy with my meeting materials.

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.

Attending Guest: Yes  No  

Vocational Status:  Professional  Student  Academic  Decision Maker  Purchasing Agent  Other

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

**ADA Accommodations**

Please list any special dietary needs:  

Please list ADA accommodation requests:  

*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 22, 2014). Requests received after this date may not be processed or fulfilled in time.

**CONTINUING EDUCATION CREDIT**

$75 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>Daily:  Wed  Thurs  Fri  Sat</td>
<td>$135/DAY</td>
<td>$150/DAY</td>
</tr>
<tr>
<td>Workshop Only</td>
<td>See Special Functions</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

A complimentary beverage ticket is included with all registrations categories except Student, Daily, and Workshop Only.

*Must provide/submit additional documentation by the January 22, 2014, pre-registration deadline (see below):

- **Applicants** – AAFS membership application on file with Academy Office.
- **Full-Time Students** – Proof of full-time status.
- **Non-Member Trainees** – Letter from employer verifying trainee status.
- **IAI & AFTE 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 1-5 at 50%; no refunds after February 5.
### SPECIAL FUNCTIONS

The following sessions are priced separately and are not included in the Registration Fees. Special Functions fill quickly due to limited seating. Registration for all Special Functions officially closes as of the January 22, 2014, pre-registration deadline. AAFS has a firm policy that non-registered attendance or auditing is not permitted in these sessions.

#### Breakfast Seminars

<table>
<thead>
<tr>
<th>Day</th>
<th>Session</th>
<th>Topic</th>
<th>Fee</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed</td>
<td>B1</td>
<td>Anatomy of a Conspiracy Theory — Death and Life, Myths and Realities</td>
<td>$44</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Thurs</td>
<td>B2</td>
<td>The Boxer, the Priest, the Ex-Cop, and the IRA</td>
<td>$44</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Thurs</td>
<td>B3</td>
<td>Electrical Death or Injury From Arc-Flash Lightning Investigation Methods</td>
<td>$44</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Fri</td>
<td>B4</td>
<td>No Shelter From the Storm: The Heroes and Villains of Hurricane Katrina</td>
<td>$44</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Fri</td>
<td>B5</td>
<td>Thomas Krauss Memorial Bitemark Breakfast — The Role of an FBI Forensic Odontologist/Special Agent in Federal Crime Scenes</td>
<td>$44</td>
<td></td>
<td>$</td>
</tr>
</tbody>
</table>

#### Luncheon Seminars

<table>
<thead>
<tr>
<th>Day</th>
<th>Session</th>
<th>Topic</th>
<th>Fee</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thurs</td>
<td>L1</td>
<td>Deadlier Than the Male</td>
<td>$55</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Fri</td>
<td>L2</td>
<td>Medical Ethics Simplified — A Model for Ethical Conduct for the Forensic Science Practitioner</td>
<td>$55</td>
<td></td>
<td>$</td>
</tr>
</tbody>
</table>

#### Section Luncheons (Section Business Meetings begin after the Luncheons. See Calendar of Events for start times.)

<table>
<thead>
<tr>
<th>Day</th>
<th>Session</th>
<th>Topic</th>
<th>Fee</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed</td>
<td>L3</td>
<td>Digital &amp; Multimedia Sciences Section Business Luncheon</td>
<td>$55</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Wed</td>
<td>L4</td>
<td>General Section Business Luncheon</td>
<td>$55</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Wed</td>
<td>L5</td>
<td>Jurisprudence Section Business Luncheon</td>
<td>$55</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Wed</td>
<td>L6</td>
<td>Pathology/Biology Section Business Luncheon</td>
<td>$55</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Wed</td>
<td>L7</td>
<td>Psychiatry &amp; Behavioral Science Luncheon (section members only)</td>
<td>$10</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Wed</td>
<td>L8</td>
<td>Toxicology Section Business Luncheon</td>
<td>$55</td>
<td></td>
<td>$</td>
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</tbody>
</table>

#### Special Sessions

<table>
<thead>
<tr>
<th>Day</th>
<th>Session</th>
<th>Topic</th>
<th>Fee</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon</td>
<td>S1</td>
<td>Interdisciplinary Symposium — Fostering the Next Generation of Forensic Scientists: Mentoring in the 21st-Century</td>
<td>$50</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>Tues</td>
<td>S2</td>
<td>Young Forensic Scientists Forum — The World of Forensic Science: The Future of Education and Research</td>
<td>$100</td>
<td></td>
<td>$</td>
</tr>
</tbody>
</table>

#### Workshops

<table>
<thead>
<tr>
<th>Day</th>
<th>Session</th>
<th>Topic</th>
<th>Fee</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon</td>
<td>W1</td>
<td>Designer Drug Detection in Forensic Toxicology: From Basics to Brilliant!</td>
<td>$100</td>
<td>$125</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W2</td>
<td>Advanced Forensic Pathology and Forensic Radiology Techniques</td>
<td>$100</td>
<td>$125</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W3</td>
<td>Development of Emerging DNA Technologies for Identification</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W4</td>
<td>Virtual Evidence of Human Behavior: Technology as Co-Conspirator</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W5</td>
<td>Forensic Microbiology: Where Do We Begin?</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W6</td>
<td>Staged Crime Scenes: Crime Scene Clues to Suspect Misdirection of the Investigation</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W7</td>
<td>Age Estimation of Living Children Via Skeletal and Dental Indicators</td>
<td>$250</td>
<td>$300</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W8</td>
<td>Utilizing Bloodstain Pattern Analysis and Forensic Pathology to Reconstruct Bloodshedding Events</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W9</td>
<td>Multimedia Authentication: Searching for Truth in the Digital World</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W10</td>
<td>Bias in Forensics — Examining the Sources and Impacts of Bias</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W11</td>
<td>Applications of Raman Spectroscopy for Trace Evidence Examinations</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W12</td>
<td>Root Cause Analysis — When Blaming the Analyst Completely Misses the Point</td>
<td>$100</td>
<td>$125</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W13</td>
<td>Framework for Registration, Classification, and Evaluation of Errors in the Forensic DNA Typing Process</td>
<td>$100</td>
<td>$125</td>
<td>$</td>
</tr>
<tr>
<td>Mon</td>
<td>W14</td>
<td>Postmortem Monocular Indirect Ophthalmoscopy</td>
<td>$125</td>
<td>$150</td>
<td>$</td>
</tr>
<tr>
<td>Tues</td>
<td>W15</td>
<td>Forensic Radiology: Current and Future Use in Medicolegal Death Investigation</td>
<td>$100</td>
<td>$125</td>
<td>$</td>
</tr>
<tr>
<td>Tues</td>
<td>W17</td>
<td>Managing the 21st-Century Forensic Science Organizations</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Tues</td>
<td>W18</td>
<td>Novel Psychoactive Substances (NPS): Pharmacology, Toxicology, and Case Reports</td>
<td>$250</td>
<td>$300</td>
<td>$</td>
</tr>
<tr>
<td>Tues</td>
<td>W19</td>
<td>Serial Murder: Deconstructing Stereotypes</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Tues</td>
<td>W20</td>
<td>Advances in the Investigation and Prosecution of Sexual Assaults Allegations</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Tues</td>
<td>W21</td>
<td>Effective Curricular Design and Improvement for Forensic Science Educational Programs</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Tues</td>
<td>W22</td>
<td>Questioned Document Examination and Enhancement of Evidence and Interpretation of Evidence</td>
<td>$200</td>
<td>$250</td>
<td>$</td>
</tr>
<tr>
<td>Tues</td>
<td>W23</td>
<td>Applications of Next Generation Sequencing in Forensic DNA Analysis</td>
<td>$100</td>
<td>$125</td>
<td>$</td>
</tr>
<tr>
<td>Tues</td>
<td>W24</td>
<td>Applications of 2D and 3D Geometric Morphometrics in Forensic Comparisons</td>
<td>$100</td>
<td>$125</td>
<td>$</td>
</tr>
</tbody>
</table>

**Special Functions Sub-Total:**

### PAYMENT PROCESSING

- Registration Name: ____________________________________________________________________________
- Continuing Education Fee (From Page 1): ____________________________________________________________________________
- Registration Fee (From Page 1): ____________________________________________________________________________
- Special Function Total (From Above): ____________________________________________________________________________

**TOTAL AMOUNT DUE:** ____________________________________________________________________________

- Check Enclosed: ____________________________________________________________________________
- Purchase Order (Attach Copy): ____________________________________________________________________________
- Visa/MasterCard/Discover/American Express: ____________________________________________________________________________
- Card No.: ____________________________________________________________________________
- Name on Card: ____________________________________________________________________________
- Expiration Date: ____________________________________________________________________________
- Signature: ____________________________________________________________________________

AAFS Federal ID Number: 87-0287045
VOLUNTEERS NEEDED FOR THE 2014 AAFS ANNUAL SCIENTIFIC MEETING

The 2014 AAFS Annual Scientific Meeting will take place February 17-22 in Seattle, WA. 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 Functions (e.g., workshops, breakfasts, luncheons, special sessions, etc.), please contact the Volunteer Coordinator for the AAFS Pre-Registration Form. 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 now 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 January 15, and are accepted on a first-come, first-served basis. Incomplete forms are not accepted.

AAFS 66th Annual Scientific Meeting Volunteer Information Form*

Name: ____________________________ Salutation: ______ Degree: ____________________________ Organization: ____________________________

Mailing Address: ___________________________________________________________ City: ____________________________

State/Province: ____________________________ Zip/Postal Code: ____________________________ Country: ____________________________

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 2014 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 Seattle, WA on ____________ (Date) and depart on ____________ (Date)

Please check all dates you are available to volunteer. Mark the time(s) of day you are available (a.m. and/or p.m.) 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>Friday, February 14</td>
<td>a.m.</td>
<td>p.m.</td>
</tr>
<tr>
<td>Saturday, February 15</td>
<td>a.m.</td>
<td>p.m.</td>
</tr>
<tr>
<td>Sunday, February 16</td>
<td>a.m.</td>
<td>p.m.</td>
</tr>
<tr>
<td>Monday, February 17</td>
<td>a.m.</td>
<td>p.m.</td>
</tr>
<tr>
<td>Tuesday, February 18</td>
<td>a.m.</td>
<td>p.m.</td>
</tr>
<tr>
<td>Wednesday, February 19</td>
<td>a.m.</td>
<td>p.m.</td>
</tr>
<tr>
<td>Thursday, February 20</td>
<td>a.m.</td>
<td>p.m.</td>
</tr>
<tr>
<td>Friday, February 21</td>
<td>a.m.</td>
<td>p.m.</td>
</tr>
<tr>
<td>Saturday, February 22</td>
<td>a.m.</td>
<td>p.m.</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 January 15 to:

Tina Harrison, AAFS Temporary Volunteer Coordinator
410 North 21st Street, Colorado Springs, CO 80904
Fax: (719) 636-1993
tharrison@aafs.org

*You must fill out the form completely. Incomplete forms are not accepted.
BRING YOUR OWN SLIDES (PowerPoint) BYOS.ppt

Wednesday, February 19, 2014 — 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 2014 AAFS Annual Meeting in Seattle, WA:

- To present at BYOS.ppt presentations must be in PowerPoint format. 35mm slides are not accepted.
- Proposals much 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-slide per page” printout, and the electronic presentation copy should be delivered to the on-site AAFS Staff Office by 4:00 p.m. on Wednesday, February 19, 2014. 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 present _______________________________________

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: ___ ___ ___
AAFS Forensic Science Employment Forum/Job Fair

A forum designed to put employers and job seekers in contact.

To be held during the AAFS 66th Annual Scientific Meeting
February 17-22
Washington State Convention Center
Seattle, WA, USA

6:00 p.m. - 8:00 p.m. – Tuesday, February 18
Adjacent to the AAFS Welcoming Reception at the
Washington State Convention Center

In 2013, the Academy sponsored a very successful employment exchange/forum with over twenty prospective employers and approximately three hundred visitors participating. Job seekers included the graduating classes of several major forensic science degree programs.

The AAFS Forensic Science Employment Fair/Job Fair is:

- A free event open to all registered meeting attendees.
- An opportunity to meet employers and for them to meet you.
- An opportunity to make personal contacts and distribute resumes.
- A means to assess the job market in your discipline.

Employers: There is no fee to participate. For information, or to register and ensure available table/booth space for your agency, complete the form and return it to:
Heather Wagner at hwagner@aafs.org or
tax to (719) 636-1993.
The AAFS Forensic Science Employment Forum/Job Fair
Tuesday, February 18
6:00 p.m. – 8:00 p.m.
Request for booth/table space.

<table>
<thead>
<tr>
<th>Contact Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email Address:</td>
</tr>
<tr>
<td>Affiliation/Company:</td>
</tr>
<tr>
<td>Address:</td>
</tr>
<tr>
<td>City:</td>
</tr>
<tr>
<td>State:</td>
</tr>
<tr>
<td>Zip:</td>
</tr>
<tr>
<td>Country:</td>
</tr>
</tbody>
</table>

Names of Staff Members Attending Employment Forum/Job Fair:

Brief Description of Position to be Advertised for Employment:

Each participating employer will be assigned space and provided with a 4’ X 8’ poster board and table. Representatives of the participating employers must be present during the forum. Return form to Heather Wagner at hwagner@aaats.org. For requests made prior to January 15, confirmations will be sent via email by January 25.
American Academy of Forensic Sciences
College & University Fair

A forum designed to put FEPAC-accredited colleges, universities, and potential students in contact.

To be held during the AAFS 66th Annual Scientific Meeting
February 17-22
Washington State Convention Center
Seattle, WA, USA

6:00 p.m. - 8:00 p.m. – Thursday, February 20

Adjacent to the AAFS Wine & Cheese Reception at the
Washington State Convention Center

2014 will be the third year that AAFS is offering FEPAC-accredited colleges and universities the opportunity to promote their educational programs to potential students. In 2013, 15 major forensic science degree programs participated in the AAFS Employment Fair. Programs will have their own session in conjunction with the AAFS Wine & Cheese Reception to showcase their program and campuses.

For programs wishing to fill permanent faculty positions, AAFS requires participation in the AAFS Employment forum being held on Tuesday, February 18. Please contact Heather Wagner for the Employment Forum/Job Fair forum.

The AAFS College & University Fair is:

- A free event open to all registered meeting attendees.
- An opportunity to meet students and for them to meet you.
- An opportunity to make personal contacts.

There is no fee to participate. Space is limited to FEPAC-accredited programs and assigned on a first-come, first-serve basis.

For information or to register to ensure available table/booth space for your program, complete the form and return it to:

Heather Wagner at hwagner@aafs.org or
tax to (719) 636-1993.
The AAFS College & University Fair
Thursday, February 20
6:00 p.m. – 8:00 p.m.
Request for booth/table space.

Contact Name: ____________________________________________________________

Email Address: ____________________________________________________________

Affiliation/Company: ______________________________________________________

Address: __________________________________________________________________

City: __________________________ State: ______________ Zip: ______________

Country: __________________________________________________________________

Names of Staff Members Attending College & University Fair:

__________________________________________________________________________

Brief Program Description:

__________________________________________________________________________

Each participating college or university will be assigned space and provided with a 4' X 8' poster board and table. Representatives of the participating program must be present during the fair. Return form to Heather Wagner at hwagner@aaafs.org. For requests made prior to January 15, confirmations will be sent via email by January 25.
Welcome to the AAFS Staff news page! Information from the staff may be found here throughout the year (e.g., membership, registration, meetings, etc.). This is to help our members and applicants with some of the frequently asked questions that staff receive. Please take a moment to review the topics below:

**APPLICATION SUBMISSIONS**

We had a great year for application submissions! 1,504 applications were submitted by the October 1 deadline. Of those, 968 were new Applicants. We will be processing the recommendations from the section officers through the month of January. Once all recommendations have been received and processed, you will be contacted via email or USPS mail on the status of your application. If you have any questions on which category you should choose when registering for the 2014 Annual Scientific Meeting, please contact Membership Coordinator Cheryl Hunter at chunter@aafs.org.

**Applicants for Student Affiliate and Trainee Affiliate**

The Young Forensic Scientists Forum (YFSF) encourages you to register for and to attend their special session, “The World of Forensic Science: The Future of Education and Research.” This session is by pre-registration only. The YFSF is fun and exciting for those who are just getting started in the forensic science world. The special session will be held on Tuesday, February 18. Speakers will discuss the different paths a forensic student or scientist can choose to take. Membership Coordinator Cheryl Hunter will discuss the different membership statuses within the AAFS and how to achieve each one. Please bring your questions. Cheryl will be happy to answer any questions or concerns you may have regarding membership and the application process.

**Promotion to full Member or Fellow**

Need one more meeting attendance to fulfill the requirements for promotion? How about attending a section business meeting? Here is your opportunity to complete that last requirement to promote to either full Member or Fellow. Register and attend the 2014 Annual Scientific Meeting in Seattle. If you have any questions about what is required for promotion, please see the promotion requirements posted on the AAFS website (www.aafs.org) or contact Membership Coordinator, Cheryl Hunter at chunter@aafs.org.

continued on page 28
2014 Annual Meeting Information:

At the 2014 Annual Meeting in Seattle, AAFS and its affiliate groups will host meetings and events at the Washington State Convention Center, the Sheraton Seattle Hotel, and the Grand Hyatt Seattle Hotel. The Calendar of Events will play an important role in helping attendees to be in the “right place at the right time.” Please use the Calendar of Events, found in the meeting bag materials, to confirm meeting and event locations.

Speaking of events, this year Anjali Ranadive will host a special “Keep Fit - INSANITY® Workout” Session on Monday, Wednesday, and Friday mornings during the annual meeting. Simply show up and be ready to take part in one of the most intense workouts available today. Registration is not required; however, email Anjali at aranadiveslf@gmail.com with your questions and intent to attend. Check the Calendar of Events, found in the meeting bag materials, for the times and locations.

2014 Annual Meeting Registration Information:

- The 2014 pre-registration deadline for the Seattle meeting is January 22. This is the date by which you must register in order to be able to attend most Special Functions listed on page two of the pre-registration Form. This deadline date is FIRM. Special functions (workshops, breakfasts, luncheons, etc.) are only available by pre-registration, and some special functions will fill up prior to the Pre-Registration deadline.

- To complete your online registration, the online registration system requires full payment with either a credit or debit card. If you need to pay using a check or a purchase order, please complete the hard copy Pre-Registration Form. Please contact Tracie McCray (tmccray@aafs.org) with any questions you may have about your annual meeting registration.

- The Proceedings will be available to all meeting registrants in a fully functional, easy-to-use eBook. You may “Opt Out” of receiving the printed copy by checking the box on the Pre-Registration Form.

- In addition to the Certificates of Attendance to the AAFS Annual Scientific Meeting and Certificates of Attendance for Special Functions, AAFS will offer “Certificates of Presentation” to all presenting authors. All certificates may conveniently be printed at the AAFS Cyber Café.

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**STAFF ANNIVERSARIES**

**Congratulations to:**

November:  
Salena Medina, 5 years  
Heather Wagner, 2 years
President’s Message cont.

legislative and executive branch initiatives that lie ahead for forensic science. One of my favorite accomplishments this year is the establishment of the AAFS Career Development Webinar series. Every section has participated in presenting a one to two hour online live webinar presentation with questions and answers for the online audience. The sessions and participation have been outstanding with several hundred people registering. The sessions are archived at www.aafs.org/american-academy-forensic-sciences-videos for viewing on YouTube. My special thanks to the AAFS members who prepared and presented this material. I hope to make this an annual offering to keep our organization strong and growing and to exploit the webinar facility for other AAF activities. Thanks also to the AAFS staff and especially Jeff Lubbers for his help in introducing us to this technology and facilitating the events.

In addition to the many elements of the annual meeting program that address education and mentorship, this year’s Plenary Session will allow us to reflect on what message we took from the NAS report regarding the key concepts of certification, accreditation, research and validation, and education. We will hear from our international keynote speakers from Australia and the U.K., on how these countries have addressed those same issues and what we can learn from them. It will be an important milestone for us to reflect on what progress has been made in the U.S. in the last five years, and what opportunities remain. I want to thank Laura Liptai (Engineering Sciences) for her work on this key event.

These considerations regarding the NAS Report are timely since events are in play now which change the practice and landscape of our profession. Victor Weeden’s (Pathology/Biology) “Washington Corner” column gives updates on the legislation and funding activity at the Federal level, including the formation of the National Commission on Forensic Science under the Department of Justice, and the reconfiguration of the Scientific Working Groups under the National Institute of Standards and Technology (NIST). The AAFS Board of Directors has been in discussions with NIST since summer 2013 about a potential role for the AAFS, in partnership with NIST, in the governance of forensic science standards and policies. This would give our profession and membership a strong voice in the evolution of our field, with a strong emphasis and focus on science. The Board hopes to take action on this opportunity during our upcoming meeting in Seattle next month.

This is my final newsletter article as president, so I would like to thank once again, the entire membership of the organization for affording me this honor and opportunity. It has been an incredibly rewarding and fulfilling experience, from my increased interactions with members from all sections, to our outreach to the YFSF, our memorable tour in China, our webinar series, and the pending NIST initiative. I look forward to celebrating our organization, its membership, and its future with you all in Seattle.

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FSF Jan S. Bashinski Criminalistics Graduate Thesis Assistance Grant Winner

The Forensic Sciences Foundation (FSF) is proud to announce that Ashley M. Mottar, BS (Student Affiliate - Criminalistics), was awarded the 2013-14 FSF Jan S. Bashinski Criminalistics Graduate Thesis Assistance Grant for her paper, "Optimizing Techniques for DNA Recovery and Extraction From Spent Cartridge Casings." This year’s award consists of $500, a plaque presented at the Criminalistics Section Business Meeting, and registration at a future AAFS meeting where her thesis has been accepted for presentation. Ashley earned her Bachelor of Science degree in Biological Sciences from Northern Illinois University in 2011 as a Mortar Board member and with university honors. She gained valuable experience in the criminalistics field while working at Independent Forensics in Lombard, IL, prior to beginning the Master of Forensic Biology Program at Michigan State University in 2012. Ashley’s thesis research includes improving techniques for recovering and processing trace DNA from spent cartridge casings. Currently a Student Affiliate in the Academy, Ashley plans to complete her Master’s degree in the summer of 2014 and pursue a DNA analyst position in a crime lab.

The purpose of the FSF Bashinski Grant is to provide graduate students with financial assistance to complete their thesis or independent research project as required for a graduate degree in criminalistics/forensic sciences. The applicant must be a full- or part-time student completing his or her graduate degree requirements by conducting a research project at an educational institution accredited in the U.S. by a recognized academic body. This project must, in the opinion of the FSF Awards Committee, make a significant scientific contribution to the field of criminalistics/forensic sciences.

The Bashinski Grant ranges from $500 to $2,500. Additionally, funds may be available for travel and per diem expenses for the grant recipient’s attendance at an American Academy of Forensic Sciences Annual Scientific Meeting. The purpose of this travel shall be the presentation of a platform paper pertaining to the completed research for which the grant recipient received his or her grant. Congratulations, Ashley!
The Forensic Sciences Foundation (FSF) is pleased to announce the first recipient of the FSF Henry C. Lee Scholarship! **Lavinia Iancu, MS**, of Bucharest, Romania, was selected based on her abstract submission entitled, “Forensic Entomology and Bacteriology for Post-Mortem Investigations in Romania.” Mrs. Iancu’s paper is scheduled for oral presentation on Thursday, February 20, during the Pathology/Biology Section’s Scientific Session at the annual meeting in Seattle. The Henry C. Lee Scholarship will assist Mrs. Iancu in defraying her travel expenses, up to $1,000, to attend and present at the annual meeting. As part of this honor, Mrs. Iancu will also receive a complimentary meeting registration and a plaque on behalf of the FSF Board of Trustees. The Henry C. Lee Scholarship Selection Committee was comprised of Robert Barsley, Chair, Susan Ballou, Paula Brumit, and Joanna Collins, all of whom serve on the FSF Board of Trustees. Congratulations, Mrs. Iancu!

**Forensic Sciences Foundation 2013-14 Student Travel Grant Winners**

The Forensic Sciences Foundation (FSF) is proud to announce the winners of the “FSF Student Travel Grant Award for Students” essay contest: **Nathalie Desrosiers**, Associate Member/Toxicology; **James Fancher**, Associate Member/Odontology; **Alexandra Klales**, Student Affiliate/Physical Anthropology; **Ashley Kendell**, Student Affiliate/Physical Anthropology; and, **Nicolene Lottering**, Student Affiliate/Physical Anthropology. The Student Travel Grant will assist with travel expenses in attending the American Academy of Forensic Sciences (AAFS) 66th Annual Scientific Meeting in Seattle, WA.

The FSF Board of Trustees was able to approve the expenses, not to exceed $1,500 per student, for five students this year. A complimentary meeting registration is included with the $1,500 grant for travel expenses.

The 2013-14 FSF Student Travel Grant Committee was comprised of Susan M. Ballou, Chair (Criminalistics), Daniel A. Martell (Psychiatry & Behavioral Science), and Paul Messner (Jurisprudence).
The International Association of Forensic Sciences (IAFS) Scholarship: Offered Through the Forensic Sciences Foundation (FSF)

**PURPOSE:** The IAFS is the international association focused on bringing together academics, managers, researchers, and scientists from around the world to discuss and debate issues focal to the forensic science disciplines. The IAFS proclaims its aims and objectives to be: “to develop forensic sciences; to assist forensic scientists and others to exchange scientific and technical information; and, to organize triennial meetings.” The FSF is interested in providing an opportunity for an AAFS member to experience this educational venture.

Therefore, in 2014, the Forensic Sciences Foundation is offering a scholarship to help defray the expenses involved in attending the 20th World Meeting of the International Association of Forensic Sciences that will be held in Seoul, Korea, October 13-17, 2014.

**CRITERIA TO ENTER:** If you have been a member of the AAFS for less than ten years (includes Associate Members, Members, and Fellows) and have never attended an IAFS meeting, you are eligible for this scholarship. In order to be considered for this scholarship, you must submit to the IAFS, and have accepted, a podium presentation for the 2014 IAFS meeting.

Within five (5) days of receiving the IAFS acceptance notice, the following items should be sent to Susan Ballou (susan.ballou@nist.gov), Chair of the IAFS Scholarship Committee:

1. A copy of your abstract.
2. A copy of the acceptance letter from IAFS.
3. A copy of your (up-to-date) curriculum vitae.

**SELECTION PROCESS:** A committee composed of four (4) FSF Trustees and two (2) AAFS section members will review the submissions. Abstracts will be judged on their technical merit, innovation, and impact to the community.

**AWARD:** The winner will receive up to $5,000 to cover the costs of airfare, registration, housing, and per diem for five (5) nights while in attendance at the meeting. Per diem is currently $75 per day.

**IMPORTANT DATES:** The IAFS deadline for abstract submission is May 31. The IAFS program will send acceptance notification to the submitter by July 9. Once acceptance is received, send the requirements (1, 2, 3) listed under “Criteria to Enter” noted above to Susan Ballou (susan.ballou@nist.gov). The selected scholarship winner will be notified by July 31. The winner notification date is dependent on the static nature of the current IAFS timeline.

For more information on the abstract submission process, go to [www.iafs-2014.org](http://www.iafs-2014.org). For more information on the scholarship, please contact, Ronald Singer, at crimelab@flash.net.

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**CORRECTION**

2013-14 Lucas Grant Awards

Amber Plemons, BS and Monica M. Warner, BS - $3,000 for “Refining Hydrogen and Oxygen Isoscapes and Trace Elements for the Identification of Human Remains in Mississippi.”
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 does not appear below and contact the AAFS office as soon as possible with the correction. This listing reflects contributions received from 07/01/13 through 12/01/13.

The Fund’s balance through 12/01/13 was $935,054.30. Additionally, the FSF Endowment Fund has provided $199,858.42 in awards and grants since its inception in 1990.

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continued on page 34
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For those who receive consulting fees, please consider contributing an amount consistent with one hour (or more) of what you charge for consultation. For salaried persons, one hour represents about 1/2000th of annual income. The fund’s balance through 11/30/2013 was $70,039.74. For those of you who would like to contribute, please complete the IGAH form and return to the AAFS office.

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Thank you for your commitment to the forensic sciences.
Recapping the AAFS 2013 International Educational Outreach Program - China

The participants of the AAFS 2013 International Educational Outreach Program (IEOP) express thanks to AAFS President Barry Logan and our gracious hosts in China. In keeping with the mission of the IEOPs, delegates were provided the opportunity to meet with and exchange information with colleagues throughout China.

Accompanying President Logan were Peter Ausili (Criminalistics), Stanley Buchanan (Engineering Sciences), Cesar Cagulawan, (Toxicology), Roy Crawford (Engineering Sciences), Robert B.J. Dorion (Odontology), Heather Mazzanti (General), and H. Horton McCurdy (Toxicology). A special thanks to these hearty travelers and their guests for participating in the IEOP.

In China, the group enjoyed the culture and many of the historic sites while traveling through Beijing, Xian, Chengdu, and Shanghai. China’s capital, Beijing, boasts a population in excess of 22 million but it is not the largest city in the country. Shanghai is home to over 23 million people and yet did not feel overwhelmingly crowded. In Beijing, we had the privilege of spending a day with colleagues from the Institute of Forensic Sciences (IFS). Dr. Zhaolong Li of IFS did an excellent job in coordinating the educational exchanges with IFS in Beijing, Xian Jiaton University in Xian, and Sichuan University in Shanghai.

Of course, an IEOP would not be complete without experiencing the culture of our host country. In Beijing, we visited Tiananmen Square, entrance to the Forbidden City, the Imperial Palace during the Ming and Qing Dynasties and the largest palace complex in the world with 9,999 buildings. A trip to China would not be complete without a visit to the Great Wall in Xian. We were told that parts of the wall were being built as early as the seventh century BC. Today, the wall and measures over 5,000 miles in length. No, we didn't walk the entire wall! After exhausting ourselves on the wall, we explored Hutong (Old Beijing) with a relaxing tour by rickshaw. Our next stop was Chengdu and for all of us, a highlight of our visit was the Chengdu Research Base of Giant Panda Breeding. Here, we saw the Giant Panda in a natural setting and also visited the panda nursery where baby pandas are nurtured until mature enough to join their counterparts in the habitat. We then moved on to Shanghai where we enjoyed a panoramic view of the city from the top of the Oriental Pearl TV tower. These are but a few of the amazing sights we enjoyed in China.

This was another great IEOP that will last a lifetime in my memories. Now, it is time to start looking forward to the next IEOP. President-Elect Daniel Martell is working very hard at making the 2014 IEOP a once-in-a-lifetime experience. Watch for the announcement on the AAFS website and/or the AAFS Facebook page. Either way, start planning now to be part of the 2014 IEOP.
Engineering Sciences Efforts in Education and Mentoring cont.

Laura Liptai’s contributions to mentorship include the AAFS Reference Series as well as the establishment of the YFSF and FSF led by AAFS Past President Steve Battersman. She considers the American Academy of Forensic Sciences’ Reference Series to be a mentorship-in-motion movement for the modern day as it also serves to educate the forensic community worldwide. Each section’s compilations of meeting abstracts are now available in print to supplement our Journal of Forensic Sciences. The series comprises over 6,000 pages and is available for sale at Amazon and AmazonEU.

For over 20 years, Jim Millette and Rich Brown have participated in the Georgia Microscopy Society’s Young People’s Microscopy Course. This course is offered to middle-school students and teachers free of charge on eight Saturdays in the winter. The course includes a session on forensic microscopy taught by Larry Peterson and Chris Taylor of the U.S. Army Crime Lab, Jim Millette teaches a session on Environmental Forensic Microscopy as well as teaching the students how to run electron microscopes. Jim Millette has spread the word concerning forensic work in the environmental field by giving presentations at the University of Georgia, Georgia Tech, and Emory University.

A Critical Look at Some Needed Reforms in the Landscape of Forensic Science Education and Mentorship Training Standards cont.

complaints were filed that a coalition of subcommittee members comprising individuals affiliated with government agencies and/or government-sponsored membership organizations were using the ASTM voluntary consensus standards development process to obtain an unfair economic advantage in the marketplace of forensic document examination expert services.

In order to develop true consensus forensic standards – ones that can lay claim to industry-wide acceptance – the standards-setting process requires fundamental fairness and transparency, with task group participation and input afforded to all interested stakeholders, without regard to group membership or affiliation. Academicians and research scientists active in the forensic science community, as well as representatives from competing stakeholder interests, must be included in this process. As online education becomes more prevalent in the forensic sciences, empirical support for the educational effects of different training venues will become increasingly important. Considerable independent research needs to be conducted to evaluate different training methods and assess their respective strengths and weaknesses in an effort to establish suitable training models, if not the best training model, for future forensic scientists. Domestic and international training methods should be evaluated with a view towards developing international training standards.

The importance of educational reforms to improve the quality, integrity, and accuracy of decision-making by forensic examiners cannot be overstated. Today, whether a particular forensic discipline is viewed as a science or technical skill is not nearly as important as the reliability of the expert opinions derived from practicing the discipline.

While the last 15 years have seen a considerable increase in research studies supporting the validity of various forensic disciplines, more research needs to be directed towards studying the reliability of the protocols and techniques used in particular forensic disciplines, and how they can be improved to minimize the likelihood of error. For example, an extensive body of experimental research conducted by cognitive and social psychologists, as well as empirical data obtained from recent research and forensic casework studies, clearly demonstrate that various sources of bias can and often do adversely impact a forensic examiner’s visual perception and decision-making. Perceptual and cognitive judgments made by forensic examiners performing comparative analyses of fingerprints, hair, tool marks, bitemarks, handwriting, and even DNA typing are susceptible to biasing influences that can improperly taint and sway the examiner’s decision-making process. Understanding these various sources of bias and learning how to limit or minimize their influence is essential for improving the reliability and accuracy of decisions made by forensic experts. Further research studies specific to the forensic sciences should be undertaken to evaluate techniques and develop protocols for minimizing biasing influences that can contaminate the decision-making of even well-intentioned forensic examiners, especially in those disciplines that rely heavily on visual perception and interpretation. The fingerprint identification errors exposed in the Brandon Mayfield case and many other criminal and civil cases involving forensic experts who received the same fundamental training yet reached contradictory opinions based upon examination and analysis of the very same evidence, strongly suggest that cognitive and motivational bias trumps either incompetence or training as the principal source of error in forensic decision-making.

Educational Reforms for Trial Lawyers and Trial Judges

Despite the recent downturn in law school attendance due to the dismal state of employment opportunities for young lawyers, the last ten years have seen an increase in the number of forensic science courses that have been incorporated into the law school curriculum, with more law schools offering students the opportunity to obtain both a JD and a MS in Forensic Science, as I did when I graduated from George Washington University in 1975. While the opportunity for law students, trial lawyers, and members of the judiciary to take an elective course in forensic science or to attend seminars devoted to forensic science issues has increased significantly since the release of the 2009 NAS Report, there is still an urgent need for many more trial lawyers and judges to attend forensic CLE courses in order to develop the knowledge and practical skills necessary to competently deal with forensic science evidence and testimony. The path forward should
encourage members of the forensic science community to support and participate in furthering the forensic education of the non-forensic participants in the administration of justice; this mindset will serve both the long-term interests of the forensic science community and the interests of justice.

**Conclusion**
As the most prestigious membership organization for forensic practitioners and other professionals involved with the forensic sciences, the Academy needs to pave the road along the path forward by spearheading the reforms needed to improve the education, training, and decision-making of forensic practitioners and enhance the knowledge of trial lawyers and judges with respect to forensic science evidentiary issues. It has already done so by supporting the efforts of the Forensic Specialties Accreditation Board (FSAB) to set meaningful standards for professional boards that certify practitioners in various forensic disciplines and by continuing to sponsor and host educational programs that seek to improve forensic science by acknowledging deficiencies and developing more reliable ways of doing things. The path forward in forensic science needs more than the good intentions of the Academy and a mindset that is willing to acknowledge flaws and deficiencies in the forensic science system – it needs adequate funding to support research efforts directed at identifying shortcomings in education, clarifying the effectiveness of different types of training models, and improving the reliability and accuracy of evidence derived from the forensic sciences.

**Odontology Section: Quality Education and Mentorship is the Key and Lifeblood of Our Success cont.**

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Happy New Year! The Criminalistics Section officers are very excited about the 66th Annual Scientific Meeting and our theme, Forensic Science Education and Mentorship: Our Path Forward. There is a plethora of technical and social events to attend.

The 2014 Interdisciplinary Symposium (IDS) will present current mentorship opportunities for educational development and growth in each of the Academy’s sections. Matthew Wood and Anjali Ranadive are the session’s Chair and Co-Chair respectively. AAFS Criminalistics Section Fellow, Steven Lee, Professor and Director of the Forensic Science Programs at San Jose State University will be representing the Criminalistics Section. Steve has developed an extensive presentation referencing articles on forensic science education and organizations, web links to educational opportunities, resources, organizations and training, and information on developing, providing, and accessing mentoring opportunities and partnerships. Many of his resources are authored by Criminalistics Section members. Steve’s Forensic Science Program at San Jose State incorporates guest lecturers from the Criminalistics Section membership and other criminalists, enabling these forensic scientists and practitioners to share their wealth of expertise and experience with students. Additionally, Steve has established partnerships with local, regional, national, and international crime laboratories that have provided mentoring and internships to the students. I will always consider myself a student and a mentor as the field of Criminalistics is always evolving. I highly recommend attending the Interdisciplinary Symposium to learn how our path forward is progressing.

The Young Forensic Scientists Forum’s Special Session ties in quite nicely with the IDS. The YFSF has been part of the AAFS for over a decade. Their special session is titled “The World of Forensic Science: The Future of Education and Research.” The other events the YFSF have planned for the meeting include career skills for the journey to a career in forensic science, a Bring Your Own Slides session, and a resume review panel. The members of the YFSF are the future and we are obligated to show support as they are our path forward.

All workshops scheduled for this meeting will provide valuable information to the criminalists. Workshop topics for this meeting range from designer drug detection to “red flags” encountered at staged crime scenes to the different types of bias that can influence the outcome of forensic investigations. These and the other workshops piqued my interest; the hardest part now is deciding which ones to attend.

The early risers will have several intriguing Breakfast Seminars to choose from including: Thomas Krauss Memorial Bitemark Breakfast, Hurricane Katrina, and international crime. You will surely want to set your alarm clocks so that
The heart of the AAFS meeting for the Criminalistics Section is of course the technical program. Chair John Lentini and Co-Chair Karolyn Tontarski have scheduled an outstanding array of over 190 oral and poster presentations. John and Kary received 264 abstracts for consideration to be placed into the technical program. The abstracts were rigorously reviewed by an abstract review group. Unfortunately, there is not enough time in the program to include all submissions. The technical sessions are broken into the following groups: Evidence Preservation and Body Fluid Analysis; Cell Sorting, Extraction, and Challenging Samples; More Challenging Samples; Training, Management, and Improving Throughput; Handled and Touched Items; More Touched and Handled Items plus Rapid PCR; Statistics and Emerging Technologies; On the Crime Scene; Trace Evidence; Burned Evidence; Explosions; Firearms and Tool Marks; Replicas and GSR; Drug Analysis; Current Issues in Forensic Science; and Applications of Forensic Science.

Kary is moderating the “You Got DNA From WHAT?” session scheduled for Friday evening. This inaugural annual Friday evening session, proposed by Criminalistics Section Fellow Daniel Petersen, is intended to be informal, entertaining, and informational (in that order!). Presenting DNA analysts can boast of their DNA success; discuss challenges in obtaining results from a particular item of evidence; ponder how they might improve on their method in the unlikely event they ever encounter this type of evidence again in their lifetime; and gloat vis-à-vis their analytical superiority. If you’ve ever found yourself at loose ends on the Friday night before the meeting wraps up on Saturday and you’ve ever made this exclamation, or wish you had, this session is for you! If you would like to present during this special evening session, contact Kary at 4N6Evidence@gmail.com for submission guidelines and a submission form (due January 17). This social event, complete with food and beverages is sponsored by The Center for Advanced Forensic DNA Analysis (CAFDA).

The Criminalistics Section membership is encouraged to attend the section’s business meeting/luncheon on Wednesday, where awards will be presented and new members and promotions will be announced. The section provides lunch and no pre-registration is required so please plan on attending. This is an excellent opportunity to network with friends, meet new people, discuss our bright future, and have fun!

I look forward to visiting with you in Seattle!

DIGITAL & MULTIMEDIA SCIENCES

Source: Rhesa G. Gilliland, MS, Section Secretary

Doug and I are looking forward to seeing everyone in Seattle. We have two workshops, #4 – “Virtual Evidence of Human Behavior: Technology as Co-Conspirator” and #9 – “Multimedia Authentication: Searching for Truth in the Digital World” scheduled on Monday, February 17. DMS Section Fellow, Zeno Geradts, will also be assisting with two additional workshops: #13 – “Framework for Registration, Classification, and Evaluation of Errors in the Forensic DNA Typing Process” on Monday, February and #24 – “Applications of 2D and 3D Geometric Morphometrics in Forensic Comparisons” on Tuesday, February 18. We have four poster presentations scheduled for Wednesday and one-and-a-half days of scientific presentations on Thursday and Friday.

During our Section Luncheon, Jill Spriggs, immediate Past President of the American Society of Crime Laboratory Directors (ASCLD) and Crime Laboratory Director for the Office of the District Attorney (Sacramento, CA), has agreed to speak to us concerning her involvement on the ASCLD response to the National Institute of Standards and Technology regarding the Guidance Groups. She is also a member of the Consortium of Forensic Science Organizations (CFSO) and has been a very strong supporter and advocate for digital evidence. We are thrilled to have her speak to our group.

Make your plans to attend the DMS Section Business Meeting on Wednesday, February 19, to congratulate our 2014 section award winners: Golden Richard III and Irfan Ahmed are being awarded the Outstanding Research Award; and, Marcus Rogers and Cory Nguyen will receive the Outstanding Case Study Award.

We hope to see all of you in Seattle.

ENGINEERING SCIENCES

Source: Michelle R. Hoffman, MS, Section Program Chair

Next month’s Annual Scientific Meeting, February 17-22, is almost upon us. There will be two concurrent full-day ESS sessions on Thursday, February 20, and one session on Friday, February 21.

One of the afternoon sessions on Thursday will be a multidisciplinary session with Jurisprudence covering the topic of hydraulic fracturing (fracking). Presentations will include AAFS members as well as non-members from industry. It should be a very interesting and informative session.

There are plenty of other exciting presentations in the ESS Scientific Sessions as well, covering topics including accident reconstruction, crashworthiness, biomechanics, restraints, electrocution, construction, mechanical failures, and metallurgy. continued on page 42
Section News cont.

There will even be a presentation regarding an injury analysis of the remains of Richard III. Poster presentations for the ESS will run Wednesday through Friday.

The ESS will have an off-site section luncheon on Wednesday, February 19, at noon. The luncheon will be held at The Palomino Restaurant at 1420 5th Avenue. This restaurant is within walking distance (two blocks) from the Washington State Convention Center. More details about the luncheon will be sent to the section membership by email.

If you have any questions about the 2014 Meeting in Seattle, please contact the Engineering Science Section Program Chair, Michelle Hoffman, at michelle@biodynamics-eng.com. See you all in Seattle.

Source: Claire E. Shepard, MS, Section Secretary

Online registration for the 2014 Annual Scientific Meeting has begun and the Advance Program is posted on the AAFS website. Don’t forget to complete your registration before the pre-registration deadline to ensure you are able to attend selected workshops, breakfast seminars, luncheon seminars, and the many great Scientific Sessions at the meeting. When registering, also consider registering for the General Section Luncheon held just before the General Section Business Meeting on Wednesday, February 19. It is a great way to interact with your colleagues before the business meeting and have time to meet with section officers or committees before the meeting gets started. Please note the change in the start time for the business meeting this year. Our section business meeting will begin promptly at 1:45 p.m.

At the business meeting, section officers will be elected for the upcoming year. The General Section’s Nominating Committee (Paul Kish, James McNamara, and Bill Andrews) announces the nomination of Julie Howe for section Director. Also, Alan Boehm and Claire Shepard are nominated for Section Chair and Secretary, respectively.

During the business meeting there will also be several awards presented to some outstanding members of our section. Joanna Collins, chair of the Awards Committee will present awards to the following individuals: the John R. Hunt Award to Robert Gaffney (posthumously), the Paul W. Kehres Meritorious Service Award to James Bailey, the General Section Achievement Award to Randall Lockwood, and the Robert “Bob” Thibault Award to John Gerns. Please make plans to attend both the General Section and the AAFS Annual Business Meetings to honor these great members of our section.

There are also several policy changes that will be voted on at the section business meeting. Voting members will receive detailed information regarding the proposed changes prior to the meeting. Please make sure to read that information and discuss any concerns with the section officers prior to the start of the business meeting. Some of the proposed changes include changing the name of the General Section Achievement Award to the Robert Gaffney Achievement Award and also incorporating a checklist into the judging process to be used for judging onsite presentations. It is also proposed that the requirements for the Student Affiliate application be updated to allow a letter from the applicant’s department chair, program director, or academic advisor as letters are currently only accepted from academic advisors. In addition, further updates are being considered by the Nominating Committee; however, those require changes to the Policy and Procedure Manual and are too lengthy to summarize here. They will be mailed with Section Chair Alan Boehm’s year-end report prior to the meeting. Please review those prior to the business meeting.

Finally, based on the direction of AAFS President Barry Logan and in accordance with the theme of the 2014 meeting, Forensic Science Education and Mentorship: Our Path Forward, each section has been presenting a series of free online webinar to highlight the careers within the disciplines in their respective sections. On December 4, General Section Member Tom Mauriello hosted the General Section webinar with Heather Mazzanti, a General Section Associate Member and President of the Council of Forensic Science Educators (COFSE). Tom and Heather presented an overview of all major sub-disciplines of the General Section and discussed the career opportunities, training and education requirements, certifications, types of jobs, and of course how to prepare for a career in the forensic science fields associated with the General Section disciplines.

The General Section has such a diverse collection of disciplines that it was necessary for Tom and Heather to survey many members of the section. Thank you to all who provided information on their individual disciplines. The information allowed them to prepare a series of dynamic PowerPoint slides to highlight each discipline, to answer questions, and to mentor those who participated in the webinar. If you missed the webinar, it is archived on the AAFS website and can be viewed at your convenience.

Source: Christine Funk, JD, Section Secretary

The schedule for the 66th Annual Scientific Meeting is set and looks to be a great program for the Jurisprudence Section. Don’t forget to register for our section’s workshops on Monday and Tuesday. On Monday, Andrew Sulner and Barry Scheck will chair the highly anticipated “Bias in Forensics – Examining the Sources and Impacts of Bias on Perceptual and Cognitive Judgments Made by Forensic Experts, Strategies for Excluding or Impeaching Expert Testimony Tainted by Bias, and Proposed Solutions for Minimizing or Inhibiting Biasing Influences.” Tuesday’s workshop “Science, Law, and the Inferential Process:
See you next month in Seattle!

ODONTOLOGY

Source: Raymond G. Miller, DDS, Section Program Chair

Bags are being packed. Reservations are made. Next stop: Seattle. We are looking forward to an education packed program. No one should leave this year’s Scientific Session without a significantly increased knowledge base. Our program is composed of not only a high quantity of lectures but abstracts of significant quality.

The Odontology Section identified a need to improve participation from all members. A defined communication effort (begging and pleading) was undertaken and the results were fantastic. The realization that we are the teachers as well as the students led to the development of a tremendous program. Many led the effort to communicate the need for all to participate and the message was heard, loud and clear. I personally would like to recognize James McGivney. Through his passion for a quality session, he encouraged many of our senior and experienced members to submit abstracts. Our submission rate increased approximately thirty-five percent.

The Advance Program is available online. Please review and begin to plan your schedule for the week. The ASFO will meet on Tuesday, February 18. President-Elect Richard Weems has developed an interesting array of presenters focusing on natural disaster response. Wednesday will include the Academy Poster Session, Plenary Session, and Annual Business Meeting, and our own Odontology Section Business Meeting. This is an election year and we will be electing a new program chair. The candidates are Adam Freeman and Richard Weledniger. The Scientific Session will resume on Thursday and Friday with a full schedule of informative oral and poster presentations. Friday will commence with the Thomas Krauss Memorial Bitemark Breakfast. We are honored to have one of our own, FBI Special Agent Scott Hahn as this year’s presenter. Be sure to register for this important section event.

At Wednesday’s Odontology Section Business Meeting, we will also recognize two of our distinguished members. The Lester Luntz Award will be awarded to James McGivney and the Reider F. Sognnaes Award of Excellence in Forensic Odontology to Robert Barsley. Congratulations to these most deserving honorees.

The theme of the Seattle meeting is Forensic Science Education and Mentorship: Our Path Forward. Please make an effort to reach out to our newest members. Not everyone can be a mentor but we all can provide direction, advice, and contacts. No one was born a forensic odontologist. We were molded and developed by our education and colleagues. Reach out and offer a helping hand. Make our section strong by development of those showing a desire to learn and become involved by attending our meeting.

... And here we are, at the beginning of another year. In eager anticipation of the upcoming annual meeting. All your hard work in performing the research and preparing the proposals for presentation is greatly appreciated. Kudos too to Kathryn Haden-Pinneri for serving as our Section Program Chair to select from all those excellent offerings to be offered at the meeting next month. The Pathology/Biology Section joins me in extending one and all a hearty “thank you!” And speaking of thanks, thank you to all who have already registered for the Seattle AAFS meeting (February 17-22 at the Washington State Convention Center). If you have not already done so, it is close but not too late – the pre-registration deadline is January 22. A friendly suggestion for those who do not favor brisk morning strolls – better go ahead and secure that hotel, as the meeting hotel sites are assured to fill very quickly, if they have not done so already.

As mentioned in this column and throughout numerous AAFS avenues, the 2014 meeting theme is Forensic Science Education
and Mentorship: Our Path Forward. In addition to the obvious examples, forensics practitioners set each and every day, the meeting itself provides ample opportunities to mentor in other, more subtle ways. Become involved in the Silent Auction to benefit the Forensic Sciences Foundation – or better still, make a donation to the cause and then bid! Another excellent effort is that of Gil Brogdon’s “I Gave An Hour” Program wherein the equivalent of one hour of expert consultation time is directed to the FSF. The Academy has been working on a new effort to attract even more interest from the next generation, in the form of career choice and development webinars. Each section is scheduled to present and thus far the response has been extremely positive. Many thanks to our section’s own Victor Weedn and Amy Gruszecki for working with me for the Pathology/Biology Section’s session.

An easy way for each of us to improve our organization is by helping to grow the membership. We are excited by the many applications received during this cycle - especially those from all of the biologists and student/trainees. The section leadership encourages each of us - biologist or pathologist - regardless of membership level, to reach out to other interested potential applicants in order to make the Academy even stronger. Co-workers, colleagues, students, associates, etc. may only be awaiting your words of encouragement and endorsement to apply. In the same vein, take a few minutes to get that application for promotion completed to promote at next year’s annual meeting. Being active and involved is a real asset to us, which leads to a final suggestion: another nudge to think about submitting a proposal for consideration for a possible Research Committee Grant. Projects up to $3,000 are evaluated and the committee solicits your suggestions. These small allocations are perfect for directed research that may serve as a springboard to draw a newcomer into the fold. Please contact me or any of the section officers if interested or have any questions.

With that, we look forward with enthusiasm to Seattle. Safe travels to one and all!

PHYSICAL ANTHROPOLOGY

Source: Phoebe R. Stubblefield, PhD, Section Secretary

Greetings and Happy New Year to all of the Physical Anthropology Section Fellows, Members, Associates Members, and Affiliates. I hope the New Year finds you well or at least stable. I look forward to seeing you in Seattle, which personally I find to be one of the best venues for the Academy meeting.

Elizabeth DeVisser, recipient of our J. Lawrence Angel Award, and Thomas Holland, recipient of the T. Dale Stewart Award, will be honored at our section business meeting in Seattle. Congratulations to both of you. They will also be honored at the Academy Annual Business Meeting, so please save time to clap on their behalf as they stand before the Academy. Thanks for the hard work of our section members who were involved in the selection process for our honorees.

You can limber your clapping hands by raising them in “aye” for the Academy vote to change our section name from Physical Anthropology to Anthropology. Our request was approved as a Bylaw change and will come before the Academy for approval at the business meeting. A voice vote will more likely be required but regardless, if you support this change please attend the vote.

Mary Manheim has a new book, Bone Remains: Cold Cases in Forensic Anthropology. It’s the third book in her non-fiction trilogy. An excerpt about the crew of the USS Monitor is featured in the October issue of Natural History magazine.

Dawnie Steadman comments that the Forensic Anthropology Center at the University of Tennessee invited applications for the Haslam Forensic Anthropology Postdoctoral Fellowship Program.

On a similar note, Bruce Anderson advises that the Pima County Office of the Medical Examiner (PCOME) will soon solicit applications for the 2014-15 Postdoctoral Fellowship in Forensic Anthropology. The anticipated start date is July 1. Interested individuals are encouraged to meet during the Seattle meeting with Bruce Anderson or Jessica Cerrezo-Roman for more information on the position or to visit the Academy’s “Current Job Openings” webpage to view the PCOME job announcement.

Also of note for the upcoming meetings, Bruce will chair the Friday afternoon Scientific Session, “Medicolegal Investigation of Migrant Deaths.” In addition to the podium presentation, there will be three related posters during the Friday morning Poster Session (11:00 a.m. to 1:00 p.m.) that should also be of interest:

- “CODIS and Anthropology: A Partnership for the Identification of Remains.”
- “The Role of the Mexican Consulate in the Identification of Human Remains of Those Who Perish in the Desert Attempting to Cross the Mexican Border into Arizona.”
- “Illegal Border Crossers in Arizona and California: A Comprehensive Study and Comparison of the Number of Deaths, the Causes, and the Related Factors and Patterns During the Last Decade.”

If you are presenting an introductory forensic anthropology course and are interested in a comprehensive video on the plight of migrant workers, Phoebe Stubblefield strongly recommends the video “The Undocumented” by Marco Williams. Although it is not currently available for purchase, it aired this year as part of the Independent Lens series on PBS. Excerpts from this video can be found on the web.
PSYCHIATRY & BEHAVIORAL SCIENCE

Source: Christopher Thompson, MD, Section Secretary

In section news, Robert Weinstock, section Fellow, was inaugurated as the new American Academy of Psychiatry and the Law (AAPL) President at the 2013 AAPL Annual Meeting this past October in San Diego, CA. His biography will appear in the Journal of the American Academy of Psychiatry and the Law (JAAPL) in the early spring and he will give his presidential address at the 2014 AAPL Annual Meeting in Chicago. Dr. Weinstock was also presented with the Seymour Pollack Award. Numerous section Fellows, Members, and Associate Members presented at the 44th Annual Meeting of the AAAPL in San Diego.

Christopher Thompson, section Fellow and Secretary, will be Program Co-Chair for the 2014 AAAPL Annual Meeting in Chicago, IL. He also authored Dr. Weinstock’s aforementioned JAAPL biography.

Cecelia Leonard, section Associate Member, has been appointed to the International Relations Committee of the AAAPL. Additionally, on July 17, she presented on the topic “Marijuana Embalming Fluid and Legal Implications for Insanity and Fitness to Stand Trial Assessments” at the 33rd Congress of the International Academy of Law and Mental Health (IALMH) in Amsterdam, the Netherlands.

The 2014 Annual Meeting of the American Society of Adolescent Psychiatry (a society of which many Section members are also members) will be held in Baltimore, Maryland from March 28-30. Numerous AAFS section members likely will be in attendance and present. Please consider attending this conference when planning for your 2014 CME.

Last but certainly not least, remember that the AAFS 60th Annual Scientific Meeting will be held at the Washington State Convention Center in Seattle, WA, February 17-22. Members are also encouraged to attend the section business meeting to honor Manuel Lopez-Leon, who will receive the Psychiatry & Behavioral Science Section’s Maier I. Tuchler Award.

Kudos to our Section Program Chair and Co-Chair, Eugene Lee and Lauren Reba-Harrelson, respectively, who have organized an excellent Psychiatry & Behavioral Science Section program. In addition, several section Fellows and Members will be presenting in interdisciplinary workshops and symposia on Monday and Tuesday. These include: “Virtual Evidence of Human Behavior: Technology as Co-Conspirator” (workshop) and “Fostering the Next Generation of Forensic Scientists: Mentoring in the 21st Century” (symposium) on Monday and “Novel Psychoactive Substances (NPS): Pharmacology, Toxicology, and Case Reports” (workshop) on Tuesday. Section members may also enjoy Monday’s workshop, “Bias in Forensics—Examining the Sources and Impacts of Bias on Perceptual and Cognitive Judgments Made by Forensic Experts, Strategies for Excluding or Impeaching Expert Testimony Tainted by Bias, and Proposed Solutions for Minimizing or Inhibiting Biasing Influences.” Other section program highlights include:

- Wednesday’s Poster Session kicks off with a theme of Genetics and Bio-Markers.
- Thursday morning’s oral presentations begin with Daniel Martell, speaking on our first theme, “Terrorism and War Crimes.”
- Later on Thursday morning, both the oral presentation and poster sessions focus on “Forensic Assessment.”
- On Thursday afternoon and Friday morning our Section’s collaborations with Questioned Documents (Thursday at 1:00 p.m.) and Jurisprudence (Friday at 10:00 a.m.) will be presented. Please be aware that the joint sessions may not be assigned to the Psychiatry & Behavioral Science Section’s meeting room and you should use the Calendar of Events to confirm locations.
- On Friday afternoon at 1:00 p.m., Park Dietz, will be speaking on “Sexual Sadism.”

Also, please note that there will be a section luncheon at noon on Wednesday, February 19 (before the section business meeting). If you would like to pre-register for the lunch option, either through the online registration system or by mailing in the form, please select the Psych Luncheon checkbox option on the pre-registration form. Section members generally will not be able to add this option/event once they arrive in Seattle. The Pre-Registration Form is printed on page 19 of this newsletter. The pre-registration deadline to register for all Special Functions (e.g., workshops, breakfast seminars, luncheon seminars, special sessions, etc.) is Wednesday, January 22.

We welcome the submission of news items for this column from members. Please submit these items to Christopher Thompson, Section Secretary at chthompson@mednet.ucl.edu.

QUESTIONED DOCUMENTS

Source: Pamela Zilly, BS, Section Secretary

The 2014 Advance Program is now available on the AAFS website. QD Workshop W22, entitled “Questioned Document Examination and Enhancement of Evidence and Interpretation of Evidence Using Various Light and Filter Techniques,” is chaired by Andrew Symanski and instruction provided by Brett Bishop, Owen Lang, Gerald LaPorte, Dan Purdy, Joel Zlotnick, and F.L Jim Lee. This worthwhile workshop is limited to 50 attendees, so get your registration in as soon as possible. Please note that the impact statement and program description for Workshop 22 have been updated in the online version of the Advanced Program as well as for the final Program.

Paula Henderson will be representing our section at the Student Academy. Jane Lewis will be co-presenting a paper with Kenneth Melson in the Jurisprudence Section, entitled “Measurement Science and Standards in Forensic Handwriting Examination.” QD poster presentations will be Wednesday. Thursday and

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Section News cont.

Friday will be filled with a number of interesting paper presentations, including a two-hour multidisciplinary session combining the Psychiatry & Behavioral Science and Questioned Documents Sections. It will be a packed and productive week.

Many thanks go out to all of the people who have worked hard and are contributing to the success of the 2014 meeting. Go to the AAFS website at www.aafs.org/aafs-66th-annual-scientific-meeting-seattle-wa-2014 for all of the meeting information. If you have questions about the QD Section program please contact Andy Szymanski (andy.szymanski@wsp.wa.gov; 509-625-5412) or Jim Tarver (james.tarver@wsp.wa.gov; 206-262-6050).

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

TOXICOLOGY

Sources: Sarah Kerrigan, PhD, Section Program Chair and Rebecca Jufer, PhD, Section Program Co-Chair

First and foremost we are most grateful to everyone who submitted abstracts and workshop proposals. Thanks to your efforts and timely submissions, we look forward to a spectacular scientific program at the annual meeting in Seattle, WA, next month.

We also look forward to four Toxicology Section sponsored workshops this year on the pharmacology and toxicology of novel psychoactive substances, root cause analysis, forensic laboratory management, and the analytical detection of designer drugs. We have scheduled more than sixty platform and poster presentations, none of which would have been possible without our dedicated team of reviewers. Sincere thanks to Dan Anderson, Chris Chronister, Fiona Couper, Laurel Farrell, Marilyn Huestis, Dan Isenschmid, Robert Johnson, William Johnson, Graham Jones, Sherri Kacinko, Loralie Langman, Marc LeBeau, Laura Liddicoat, Robert Middleberg, Amy Miles, Christine Moore, Robert Osiewicz, Michelle Peace, Julia Pearson, Sumandeep Rana, Jeri Roper-Miller, and Matt Slawson for making this possible.

We will once again celebrate the contributions of some rather special members of the section during the Toxicology Section Luncheon. Please remember to register for this event. Members who have exemplified this year’s theme of education and mentorship will be recognized. I think we can look forward to some heart-warming and humorous stories about these individuals, just as we did last year. On Wednesday evening, we will recognize the Toxicology Section Award recipients. Congratulations to all of them! We are also deeply grateful for the financial support of our generous sponsors – Aegis, Agilent Technologies, Axiom Diagnostics, Cerilliant Corporation, the Frederick Rieders Family Renaissance Foundation, NMS, and Waters. Please take the time to thank them for their support while you are enjoying the hospitality that they provide.

The meeting theme this year makes it all the more important that you encourage your colleagues and students to participate as much as possible. Volunteering at the meeting is a super way for newcomers to get engaged and to meet people. It also provides much needed logistical support to make the meeting a success.

From the 2014 Program Chairs, we thank you for your support and look forward to seeing you in Seattle!

AAFS Reference Library - From the Library of Congress to Your Desktop

Source: Laura Liptai, PhD, Engineering Sciences Director

Over the last three years, the American Academy of Forensic Sciences (AAFS) amassed a thirteen book collection containing proceedings from twelve years of AAFS meetings and totaling over 6,000 pages from the eleven sections of forensic science. The AAFS Reference Series is perhaps the largest collection of abstracts of forensic case studies and research results worldwide. As you recall in last year’s Plenary Session, the AAFS Reference Library was accepted into the Library of Congress. Now, our Proceedings are easily accessible from the AAFS website in an instant. You can search by keyword, author name and/or state, or author country making your search effortless and trouble-free. Abstracts can then be viewed and/or downloaded.

Laura Liptai, as well as the entire Board of Directors, would like to acknowledge the months of hard work on behalf of Nancy Jackson, AAFS Director of Development & Accreditation and her team in formatting the proceedings from the thirteen AAFS Reference Series volumes into the electronic library.

All of the AAFS Annual Scientific Meeting Proceedings from 2002 to 2013 are now available in an easy-to-use database. This new electronic AAFS library allows for at-your-desk discovery of relevant case studies for research. The online search allows for queries on particular words in an abstract, author names, and the location of authors by state and/or country.

To access the library, choose the “Quick Link” on the right-hand side of the AAFS homepage or go to https://webdata.aafs.org/RefLibrary/Ref_Search/Search.aspx and type in your last name or try a search by key word.
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 2014 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 is found on the AAFS website under “News & Current Events.” 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 3, 2014.

Applicants

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<td>Egermann Schmitt, Michelle, MSFS New York, NY</td>
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<td>Elliott, Shannon S., EdD Pensacola, FL</td>
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<td>Ellis, Angela M., BS Baltimore, MD</td>
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<td>Evans, Douglas W., III, BS East Point, GA</td>
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<td>Evans-Nguyen, Kenyon M., PhD Tampa, FL</td>
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<td>Farnham, Elizabeth N., MS Olathe, KS</td>
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<td>Feldenkris, Emily R., BS Richfield, OH</td>
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<td>Fesolovich, Jillian C., MSFS Willow Grove, PA</td>
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<td>Fishkin, Robyn A., MS East Meadow, NY</td>
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<td>Forbes, Celeste D., BS Jefferson City, MO</td>
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<td>Force, Lauren A., MS Greensburg, PA</td>
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<td>Francisco, Julia K., BA Phoenix, AZ</td>
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<td>Fymbo, Donald E., BAE Denver, CO</td>
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<td>Gerrard, Vanessa S., MS Frederica, DE</td>
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<td>Gomez, Manuel, MFS Albuquerque, NM</td>
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<td>Gordon, Earl B., Jr., MS Miami Lakes, FL</td>
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<td>Green, Christina A., BS Flagstaff, AZ</td>
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<td>Griffin, John T., BS Manassas, VA</td>
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<td>Gunasekera, Richard S., PhD Sugar Land, TX</td>
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<tr>
<td>Ha, Quan V., BS San Francisco, CA</td>
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<td>Hammer, Lesley, MS Anchorage, AK</td>
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Applicants cont.

Hayes, Christina G., BS
St. Louis, MO
Head, Courtney, MS
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Henderson, Herbert D., BS
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Kanu, A Bakarr, PhD
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Perry, Brandon L.
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Perry, Melanie A.
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Abuanza, William J., MS
Springfield, VA

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<tr>
<th>Name</th>
<th>City, State</th>
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<tbody>
<tr>
<td>Al-Morjan, Abdulrazzaq, PhD</td>
<td>Gladstone, MO</td>
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<td>Ware, Charlotte W., MSFS</td>
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<td>Warniment, Justin, MS</td>
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<td>Clearwater, FL</td>
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<td>White, Jason E., BS</td>
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<tr>
<td>Salisbury, MD</td>
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### Jurisprudence

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<tr>
<td>Anelli, Thomas, JD</td>
<td>Gonzalez, Carlos A., MS</td>
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### Pathology/Biology

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<td>Froloff, Victor, MD</td>
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<td>George, Christy L., MS</td>
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<td>Spokane, WA</td>
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Spencer, Jessica R., MA
Carbondale, IL
Stewart, Chelsea N., BA
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Tai-Scale, Sahar
Palo Alto, CA
Tunen, Alexa
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Coyle, Julie A., BS
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Forrester, Robert, MS
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Sunrise, FL
Siler, Jessica N.
Lutherville-Timonium, MD
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Washington, DC
Watt, Brittany M., BA
Glenside, PA
Wilson, Jamey L.
Oxford, MS
Wong, Luann, BS
Sacramento, CA
Zachea, Jessica
Las Vegas, NV

In Memoriam

Sheila M. Dashkow, DDS, Fellow of the Odontology Section, December 2013
A Letter from the YFSF President
Happy New Year! With a new year comes a new AAFS Annual Meeting! The AAFS 66th Annual Scientific Meeting is quickly approaching and will be here before you know it. Over the last year, the YFSF committee has worked hard to develop a great session. The meeting registration is now open as well as the registration for the YFSF Special Session. The Special Session registration fills up each year, so if interested in attending, register soon. The YFSF Special Session is a three-day event geared towards an audience with five years or less professional experience.

Registration for the YFSF Special Session includes:

- **Tuesday Morning and Afternoon (2/18):** A day-long session of speakers covering a variety of forensic science related topics.
- **Tuesday Evening (2/18):** The YFSF Bring Your Own Poster Session.
- **Wednesday Evening (2/19):** The YFSF Bring Your Own Slides Session.
- **Thursday Morning (2/20):** The YFSF Breakfast Session.

The details for the above listed sessions are listed in the Advance Program as well as in the following sections of the newsletter. During the events of the special session, please express any interest you may have in serving on the 2014-15 committee. The YFSF has a number of positions available and the committee is a great way to get involved in AAFS and to network with your forensic peers. That being said, this will be my final year as YFSF President. I have had a wonderful time serving and look forward to my last YFSF event which is sure to be wonderful! YFSF looks forward to seeing everyone in Seattle, WA!

Lindsey E. Saunders, BS
YFSF President
LEC385@gmail.com

A Note from the YFSF Secretary
The AAFS 66th Annual Scientific Meeting is quickly approaching; hopefully, your travel arrangements have been made. If not, remember that hotel accommodations become limited the closer we get to the meeting. Be sure to book your room as soon as possible. Not sure where to stay? Look on the AAFS website (www.aafs.org/aafs-66th-annual-scientific-meeting-seattle-wa-2014) and click the accommodations button.

The meeting is also a wonderful opportunity to market yourself to future employers and co-workers, so keep this in mind as you attend the receptions and the employment forum. It is a good idea to carry copies of your curriculum vita (CV) and/or business cards and to “dress for success” as you never know whom you may meet! Please feel free to stop by the Bring Your Own Slides and the Bring Your Own Posters events even if you have not registered to attend the YFSF portions of the 2014 Annual Scientific Meeting in Seattle. These events are open to all registered meeting attendees and are a great opportunity to meet new people and see what your peers are doing.

Sarah Ellis, MS
YFSF Secretary
Sarahjellis2@gmail.com

Alicja Lanfear, PhD
YFSF Secretary Co-Chair
Alicja.Lanfear@mtsu.edu

Financial Liaison
The Academy’s Annual Meeting is fast approaching! The YFSF is making preparations for our Special Session, Breakfast Session, Poster Session, and Slide Session. These sessions are made possible by the contributions from individuals and organizations that support the YFSF. The Young Forensic Scientists Forum is a group that helps first-time meeting attendees and young forensic professionals get the most out of their first academy meeting. We are able to help these individuals because of the support we have received. Thank you to those who have contributed money or resources to the YFSF.

continued on page 60
If you are interested in making a contribution to the YFSF or have any questions, please feel free to contact Katie Knurek.

Katie Knurek, BS
Financial Liaison
Kknurek6490@gmail.com

YFSF Special Session
The theme for this year’s day-long YFSF Special Session is The World of Forensic Science: The Future of Education and Research. The YFSF Special Session chair Lara Frame-Newell and Co-Chair Christina Hayes have planned an informative and interesting session on Tuesday, February 18, during the AAFS 60th Annual Scientific Meeting in Seattle, WA. The 2014 YFSF Special Session has invited professionals from various fields in forensic science to share unique research, unusual casework and the future direction of their fields.

Special session attendees will begin the day with AAFS President, Barry Logan, who will speak about developing career paths and leadership. AAFS President-Elect, Daniel Martell, will discuss highlights of the 2015 meeting and what opportunities are available for young forensic scientists in the forensic behavioral field. Cheryl Hunter, AAFS Membership Coordinator, will explain the membership process and what benefits are available to AAFS members. John Kenney, Odontology Fellow, will discuss what is required to become a member of the Odontology Section, the history of forensic dentistry, cases where odontology has been used to perform identifications, and unique cases involving bitemarks.

Robert Middleberg, a Fellow in the Toxicology Section and Laboratory Director for National Medical Services, Inc., will begin the second part of the morning’s session by discussing the ancient history of toxicology, the educational requirements to become a toxicologist, and the future of the field of toxicology. Kathryn Seigfried-Spella and Marcus Rogers, Trainee Affiliate and Fellow respectively, of the Digital & Multimedia Sciences Section will introduce the attendees to digital forensics and cybercrime as well as discussing the merging of behavioral sciences and digital evidence.

Ann Ross, Fellow in the Physical Anthropology Section and professor in the Department of Sociology and Anthropology at North Carolina State University will give a brief overview of educational and professional requirements to become a forensic anthropologist as well as discuss mentorship within the field.

The afternoon session will begin with Shawn Silver, a Student Affiliate in the Pathology/Biology Section, who will introduce the field of forensic pathology and give advice to students who are on the path to becoming forensic pathologists. David Pauly, Member of the General Section and assistant professor and director of the Applied Forensic Science program at Methodist University, will discuss cold case investigations, what constitutes a cold case, and why they go “cold.” Victoria Nelson, a Trainee Affiliate in the Criminalists Section and a criminalist with the Office of the Chief Medical Examiner in New York City, will speak about the evolving role of forensic science in mass fatality incidents, including her own personal experience.

The second part of the afternoon session will begin with James Hopkins, the 2013 FSF Emerging Forensic Scientist Award winner, who will share his research on sequencing DNA to identify soil evidence. The session will conclude with a discussion by Carlton-Jane Beck-Findley, Member of the General Section and Crime Scene Investigator Field Training Officer with the Lake County Sheriff’s Office, on professionalism in the workplace, focusing on the “dos and don’ts” of how you look and how you act in job interviews and at the workplace.

This is a day full of great information and a great chance to meet someone in your section. The special session is a great networking opportunity, whether with other young professionals or more experienced and established professionals in your field. Bring your business cards, your confidence, and your smile! The YFSF Special Session is only one day out of a week-long meeting. For those who have never attended an AAFS meeting before it is recommended that you wear comfortable business clothes and very comfortable shoes.

In order to attend the YFSF Special Session (S2), please register before the pre-registration deadline of January 22. Registration for the YFSF Special Session includes lunch on Tuesday, the YFSF Poster Session on Tuesday evening, the Bring Your Own Slides presentation on Wednesday evening, and the YFSF Breakfast Session on Thursday morning, where you will have the chance to speak to professionals in various forensic fields and get tips and advice on how to polish up your resume! The AAFS website (www.aafs.org) will have links to register for the meeting as well as the most up-to-date meeting information.

Lara Frame-Newell, MA
YFSF Special Session Chair
yfsfs@gmail.com

Christina Hayes, BS
YFSF Special Session Co-Chair
yfsfs@gmail.com

YFSF Bring Your Own Poster Session
The Annual AAFS meeting is right around the corner! All AAFS meeting attendees are encouraged to attend and support the presenters for their hard work to make this session great. The 2014 YFSF Poster Session will be held on Tuesday, February 18, from 6:30 p.m. to 8:00 p.m. The poster session will include posters from numerous forensic disciplines presented by students and young forensic science professionals.

The YFSF Poster Session is a wonderful opportunity to learn and make new contacts. Your participation in this year’s YFSF Poster Session is much appreciated.

Thank you to everyone who submitted abstracts for the YFSF Poster Session. If you have any questions please contact Jennifer Curnow at yfsashington@gmail.com.

See you all in Seattle!

Jennifer Curnow, MSFS
YFSF Poster Session Chair
curnow.jen@gmail.com
YFSF Bring Your Own Slides
This year’s Young Forensic Scientists Forum Bring Your Own Slides Session will be held on Wednesday, February 19, at 6:00 p.m. All AAFS meeting attendees are invited to attend and to hear about all of the new research taking place by the industry’s young forensic scientists, from a variety of disciplines.

A special thank you to all who you submitted their abstracts. Please contact lsaylors@luc.edu if any questions or concerns arise. We look forward to seeing all of you at the annual meeting in Seattle, WA.

Lindsay Saylor
YFSF Bring Your Own Slides Chair

YFSF Breakfast Session
We have an excellent panel of speakers for this year’s YFSF Breakfast Session, “Navigating Success: Career Skills for the Journey.” Tanisha Henson, Chief Medical Examiner for the Alberta Office of the Chief Medical Examiner, will discuss networking, making a positive impression, and the importance of getting involved. Attendees will also hear about career preparation in the fields of forensic science and forensic psychology from Seattle University’s Jacqueline Helfgott and Matthew Hickman. Representing the American Board Criminalists, Kristin McDonald, will speak about certification. Additionally, Raymond Kusumi, from the Washington State Patrol Crime Laboratory, will share his insights on personal branding and social media. Finally, professionals from varied disciplines will join us to provide resume assistance and feedback to attendees.

We’re excited for a session that brings experienced and new forensic scientists together to keep the focus on developing necessary, professional skills for the next generation of forensic scientists!

Contact YFSF.Breakfast@gmail.com with any questions or to volunteer as a resume reviewer. See you in Seattle!

Ali Kiddler-Mostrom, MSFS
YFSF Breakfast Session Chair

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Do You Remember When?
Source: Kenneth S. Field, MBA, Retired Fellow, General Section

1973...
...At the 1973 AAFS Annual Business Meeting in Las Vegas, the membership formally approved the acceptance of the Forensic Sciences Foundation as its research and education arm. That acceptance was most welcome because, as a 501(c)(3) corporation, the FSF could accept tax-free donations and could apply for Federal research, educational, and implementation grants. The Academy, as a 501(c)(6) organization, was ineligible to engage in either activity. In anticipation of the acceptance of the Foundation, Jim Weston, Secretary-Treasurer of the AAFS and Ken Field, Executive Director of FSF, had already prepared and submitted a grant proposal to the Department of Justice to “Assess the Personnel in the Forensic Science Profession.” That proposal was approved and began in the summer of 1973. It was the first of many research and education grants jointly involving the two organizations.

1983...
...The Plenary Session at the 1983 Annual Meeting in Cincinnati addressed a still newsworthy, 58 year-old crime – the Lindbergh Baby Kidnapping/Bruno Hauptmann Case. It is fair to say that the presentation covered the topic from every conceivable angle. Thirteen speakers discussed the specifics of the crime under the following headings: the investigation, evidence (ransom notes, footprints, ladder), skeletal remains (after cremation), odontological findings, the one-page autopsy report, psychiatric profiling, “creative” prosecution, death, politics, and Mrs. Hauptmann’s persistent protest that her husband was innocent.
Meetings & Conferences

January 2014

9-10
Two-day Intensive Forensic Anthropology Methods—To be held at the Forensic Anthropology Center at Texas State in San Marcos, TX
CONTACT: Sophia Mavroudas
(512) 245-1900
FACTS@txstate.edu
www.txstate.edu/anthropology/facts

27-31
Medicolegal Death Investigator Training Course—To be held in St. Louis, MO.
CONTACT: http://medschool.slu.edu/midi/

27-31
Introduction to the Science of Fingerprints—To be held at Sirchie’s facility in Youngsville, NC.
CONTACT: (800) 356-7311
www.sirchie.com

29-31
13th International Symposium on Hyphenated Techniques in Chromatography and Separation Technology (HTC-13)—To be held in Bruges, Belgium.
CONTACT: www.htc-conference.org

February 2014

3
Forensic Facial Reconstruction Sculpture With Karen T. Taylor—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

3-5
Introduction to Shooting Incident Reconstruction—To be held at the Mansfield Police Department, Mansfield, TX.
CONTACT: Forensic Training & Consulting, LLC
xprtwt@aol.com
(903) 723-3612

March 2014

3-5
Crime Scene Photography-Phase 1—This course will be held at Sirchie’s facility in Youngsville, NC.
CONTACT: (800) 356-7311
www.sirchie.com

3-7
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, F-ABC
Miami-Dade Police Department
(305) 471-3041
twolson@mdpd.com

For a complete list of national and international meetings of interest to forensic scientists, go to the AAFS website (www.aafs.org) and click on the “Meetings” link.
8-10
The 6th Meeting of nMAFS-Forensics
Coming Home: Innovations and Best Practices—To be held in Cairo, Egypt
CONTACT: www.nmafs-2013.org/

10-14
Evidence Collection, Crime Scene Technology Accelerated Training Program—
This course will be held at Sirchie’s facility in Youngsville, NC.
CONTACT: (800) 356-7311
www.sirchie.com

17-21
Basic Latent Fingerprint Comparison—This course will be held at Sirchie’s facility in
Youngsville, NC.
CONTACT: (800) 356-7311
www.sirchie.com

22-23
Human Remains Recovery—To be held at the Forensic Anthropology Center at Texas State
in San Marcos, TX. CONTACT: Sophia Mavroudas
(512) 245-1900
FACTS@txstate.edu
www.txstate.edu/anthropology/facts

May 2014

5-9
Evidence Collection, Crime Scene Technology Accelerated Training Program—
To be held at Sirchie’s facility in Youngville, NC.
CONTACT: (800) 356-7311
www.sirchie.com

12-15
Advanced Latent Ridgeology—To be held at Sirchie’s facility in Youngsville, NC.
CONTACT: (800) 356-7311
www.sirchie.com

14-15
Advances in Forensic Medicine & Pathology—The conference is presented by the
Department of Pathology, University of Michigan.
CONTACT: Angela Suliman
(734) 615-6371
asuliman@med.umich.edu
www.pathology.med.umich.edu/
Forensics/index.php

June 2014

2-6
Outdoor Human Remains Recovery—To be held at the Forensic Anthropology Center at Texas State in San Marcos, TX.
CONTACT: Sophia Mavroudas
(512) 245-1900
FACTS@txstate.edu
www.txstate.edu/anthropology/facts

9-11
Forensic Taphonomy of Texas—To be held at the Forensic Anthropology Center at Texas State in San Marcos, TX.
CONTACT: Sophia Mavroudas
(512) 245-1900
FACTS@txstate.edu
www.txstate.edu/anthropology/facts

16-19
Biostatistics for R—To be held at the Forensic Anthropology Center at Texas State in San
Marcos, TX
CONTACT: Sophia Mavroudas
(512) 245-1900
FACTS@txstate.edu
www.txstate.edu/anthropology/facts

16-20
The International Symposium on Advances in Legal Medicine—To be held in Fukuoka, Japan.
CONTACT: www.c-linkage.co.jp/isalm2014/index.html

April 2014

1-3
FAA Colloquium: Postmortem Forensic Toxicology In Aviation—To be held at the FAA’s Mike Monroney Aeronautical Center
in Oklahoma City, OK.
CONTACT: www.faa.gov/ga/toxmeeting
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 2014 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

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