

# Academy News

## President's Message



Victor W. Weedn, MD, JD  
2015-16 President

The Laura and John Arnold Foundation (LJAF) has awarded \$1.5M to the Academy to establish a Standards Development Organization (SDO). I believe that this is strategic for our organization's future and critical to our forensic science community now.

Although forensic medicine and toxicology have origins from many centuries ago, many would date the rise of forensic science to the 1893 treatise of Hans Gross. Forensic science became a widely-recognized profession in the 20th century and the forensic science community generally organized over the latter half of the century. It is no coincidence that the Academy was formed in 1948. The beginnings of national and international forensic standards began development only in the last quarter century (e.g., TWGDAM formed in 1988).

The 2009 National Research Council (NRC) Report, *Strengthening Forensic Science: A Path Forward* was critical of the forensic science

community and emphasized the need for improving quality assurances, including continued standards-setting and enforcement. They wrote:

*...Standards and best practices create a professional environment that allows organizations and professions to create quality systems, policies, and procedures and maintain autonomy from vested interest groups. Standards ensure desirable characteristics of services and techniques such as quality, reliability, efficiency, and consistency among practitioners. Typically standards are enforced through systems of accreditation and certification, wherein independent examiners and auditors test and audit the performance, policies, and procedures of both laboratories and service providers.*

In the first quarter of the 21st century, we will witness the widespread promulgation, adoption, and enforcement of recognized standards and, I think likely also, the true regulation of our

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## AAFS Receives Funding to Establish an Accredited Standards Development Organization (SDO)

We are most pleased to announce that the American Academy of Forensic Sciences (AAFS) has received \$1.5M, over a four-year period, from the Laura and John Arnold Foundation to establish an accredited Standards Development Organization (SDO), to create standards in support of the National Institute of Standards and Technology (NIST) Organization for Scientific Area Committees (OSAC) and to make those standards freely available to all. AAFS has contracted with Mary C. McKiel, PhD, of The McKiel Group, to assist in developing the application to American National Standards Institute (ANSI) to become an ANSI Standards Developer (ASD) and to generate American National Standards. AAFS will also be hiring staff to manage the SDO program and will be procuring Kavi software in support of this effort. We hope to be able to accept proffered putative standards from the OSAC by the AAFS Annual Meeting in Las Vegas, February 22-27, 2016.



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## Future AAFS Annual Meeting Dates

**February 22-27, 2016**

Rio All-Suite Hotel & Casino  
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

**February 17-22, 2020**

Anaheim Convention Center  
Anaheim, CA

**February 15-20, 2021**

George R. Brown Convention Center  
Houston, TX

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# AAFS Policy Page

## LEGISLATION:

**Source:** Victor W. Weedn, MD, JD, *AAFS 2015-16 President*

There has not been much on the Federal legislative front that is visible, but the Consortium of Forensic Science Organizations (CFSO) has been very active. The current makeup of the CFSO is: Matthew Gamette (ASCLD, Chair), Kim Collins (NAME, Vice Chair), Ken Martin (IAI, Treasurer), Marie Marino (IAFN, Secretary), Victor Weedn (AAFS), Tim Rohrig (SOFT), Yale Caplan (ABFT), and Beth Lavach (advocate). The CFSO sent a letter to the Attorney General suggesting input from the forensics community in their hair analysis and other forensic science reviews. The CFSO helped coordinate the announcement of the FBI DNA allele population frequency correction. The CFSO has provided some input into the legislative language for a new Cornyn/Leahy bill. One issue that has surfaced is the duplication of the NIST OSAC Forensic Science Standards Board (FSSB) and the proposed DOJ Office of Forensic Sciences' (OFS) Forensic Sciences Board (FSB). We believe the NIST FSSB model is effective and are asking Congress to evaluate that model for use as the OFS FSB. The CFSO has suggested that an effort in the Senate Commerce Committee should focus on forensic science research. The CFSO participated in hearings on sexual assault kits and on rapid DNA. The CFSO supports funding of sexual assault testing but opposes tracking through all stages of processing; the CFSO supports VAWA reauthorization and funding. The CFSO is opposed to HR 320 in its current form, but supports legislation that would enable DNA testing at booking stations as an investigatory effort. The CFSO supports reauthorization and full funding of the Justice-for-All Act, which includes the Coverdell Forensic Science Improvement Act grant funding program. Recently, a SAFE Act has been introduced that includes sections that affect the forensic community, particularly regarding DNA testing and evidence collection, which we are studying and monitoring.

The CFSO recently conducted a survey of its members with the following ranking of priorities: (1) forensic science reform/advancement legislation; (2) accreditation funding; (3) certification funding; (4) grant reform/Coverdell; (5) rapid DNA legislation; and, (6) rape kit backlog.

## NCFS COMMITTEE REPORT:

**Source:** Dean M. Gialamas, MS, *AAFS NCFS Committee Chair*

The National Commission on Forensic Science (NCFS) will have held its seventh meeting on August 10-11, in Washington, DC. At press time (August 1), the meeting was still pending, so the information in this article may have some additional updates by the time you are reading this article. Some highlights expected at the next meeting include:

**Commission Business:** The NCFS will be proposing the creation of new subcommittee called the Subcommittee on Procedures and Operations (SPO). The SPO will be a standing Subcommittee of the Commission comprised of a total of eight members: four Commissioners selected by the Commission reflecting a balance of professional experiences and perspectives, as well as the Vice-Chairs, the Designated Federal Official, and a representative of the White House's Office of Science and Technology Policy.

The SPO will provide support and counsel to the Co-Chairs/Vice-Chairs on administrative and procedural matters raised by Commissioners or Commission Officials, including but not limited to: (1) the preparation of Commission meeting agendas and topics; (2) the drafting or revision of guidance documents designed to assist Commissioners in the performance of their duties; (3) the establishment, dissolution, and scope of other Subcommittees; and, (4) any revisions of the Commission bylaws. The members of the SPO will serve as liaisons to the Commissioners and the Commissioners may request guidance from the SPO on any matter affecting Commission Business. The SPO will exist to aid in the smooth operation of the Commission and it will not develop "formal" Commission Work Products. The intent of the SPO is to convene as soon as practicable after each Commission meeting to discuss Commission operations.

## Work Products Anticipated:

The NCFS is anticipated to vote to approve the following final work products:

# Transformation: Embracing Change

## *Anthropology Section*

**Source: Angi M. Christensen, PhD, Section Secretary**

*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 anthropologists know a thing or two about transformation. We know it as evolution. Not only have we studied it as academics, we have experienced it as a discipline. We understand the driving principles and underlying forces, and we know the potential consequences. In the context of anthropology as a forensic science and the 2016 AAFS meeting theme, *Transformation: Embracing Change*, we know that (through selection?) those with the knowledge, skills, experience, desire, drive, dedication, and flexibility to adapt to our changing environment will survive, grow, flourish, and develop into a fitter and more successful form, passing our accumulated traits and qualities on to the next generation. Those who do not, will become extinct. And we anthropologists are survivors.

Although a relatively young forensic science field, we have already experienced a rather significant evolution in the past ~50 years. Beginning as physical anthropologists and anatomists who were informally trained or self-taught in forensic applications, forensic anthropology today (due to founder effects?) is a well-established discipline that has experienced a significant recent expansion in attention and breadth, facilitated in part by increased public, media, and professional interest. We have gone from providing the occasional biological profile and trauma assessment to offering an increasingly wide range of services including search and recovery of remains, determination of skeletal versus non-skeletal origin, determination of human versus non-human origin, assessment of forensic significance, estimation of biological parameters, trauma analysis, personal identification, postmortem interval estimation, mass disaster response, and human rights investigation. While traditional approaches typically involved a visual assessment and the occasional caliper measurement, today we employ a suite of sophisticated technologies and instrumentation including total station, geographic information systems, osteometric software, global positioning systems, digitizers, laser scanners, alternate light sources, infrared photography, X-ray fluorescence spectrometry, microscopy, histology, radiology, stable isotope analysis, and radiocarbon dating. Coupled with this has been a significant increase in the number of cases we work, searches and recoveries we perform, testimonies we provide, research we conduct, publications we author, graduate programs we oversee, and curricula we develop specifically tailored to prepare students for careers in forensic anthropology. Moreover, forensic anthropologists today are employed in a wide variety of professional settings including universities, medical examiner's offices, museums, government laboratories, and other national and international organizations. Forensic anthropology is clearly an extremely dynamic field and, like all good sciences, is in a constant state of revision and advancement.

The scientific, political, and legal landscapes in which we perform our work are constantly changing as well and we must adapt (through drift?) along with it. As a discipline, we have been very cognizant and proactive in recent years in keeping the science ahead of legal and legislative changes that impact the field. This includes increased attention to the validity of anthropological approaches in the wake of the *Daubert* decision, the formation of the Scientific Working Group for Forensic Anthropology to establish discipline best practices, and participation on NIST's Organization of Scientific Area Committees working to publish standards and guidelines for the field. We must continue to be aware of our environment and active in these initiatives.

As all forensic sciences are becoming increasingly complex, we are also becoming progressively reliant on interdisciplinary interaction and cooperation which has also influenced the evolution of forensic anthropology (through flow?). We are becoming significantly less isolated, frequently working together with professionals and practitioners in other forensic and scientific disciplines to enhance our knowledge and achieve the most reliable results. This has included recent collaborations with chemists, biomechanists, skeletal health experts, engineers, document examiners, geneticists, and pathologists, resulting in, among other things, a vastly improved understanding of skeletal fracture mechanics, bone chemistry, child abuse, and microbial biomarkers. Through the continued exchange of information and ideas, we will continue to grow and improve as a discipline.

These forces will require significant work and changes (mutation?) on our part. As aspiring practitioners, students of today's forensic anthropology will need to be prepared for education and training programs that are lengthy, specialized, and intense. Rather than simply an anthropology degree with a physical anthropology focus, students will need to seek advanced degrees that incorporate courses and training in osteology, biology, anatomy, pathology, epidemiology, research methods, evolutionary theory, biomechanics, statistics, radiology, photography, microscopy, legal procedures, and evidence handling. In the relatively near future, certification of practitioners and accreditation of the laboratories in which they perform their work may be required, which will demand that aspiring practitioners pursue and achieve certification and ensure that their laboratories and practices are compliant with nationally recognized standards.

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# Transformation: Embracing Change

## *It's Time to Lead, Follow, or Get Out of the Way – Criminalistics Section*

**Source: John J. Lentini, BA, 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.*

The theme of this year's Academy meeting, *Transformation: Embracing Change*, could not be more appropriate or timely. Today's forensic scientists are living in interesting times. The profession is changing rapidly, and those who do not embrace change are destined to be run over by it.

It has been more than six years since the National Academy of Sciences (NAS) Report, *Strengthening Forensic Science in the United States: A Path Forward*, was released to coincide with the Academy's 2009 Annual Meeting. Since then, it has seemed to some that everybody was talking about the report but nobody was doing anything about it, sort of like the weather. In fact, thoughtful forensic scientists were engaging in discussions and plans, and those plans finally came to fruition in 2014 when the Organization for Scientific Area Committees in Forensic Science (OSAC) was established, and members were appointed.

The first in-person subcommittee meetings took place in January 2015 and work continues on the development of a registry of standards and a registry of guidelines. One of the first things that any science requires is a consensus on what standards are appropriate and what disciplines are based on a sufficient scientific foundation. The AAFS has a significant number of members in the OSAC, and it is important that the Academy assume a leadership role in the changes that are coming.

Other organizations have taken an interest in forensic science, and it is important that the AAFS stay abreast of the developments occurring outside of the Academy and constructively participate in these activities. This article will try to stay focused on the good news, because there is no shortage of depressing stories.

In late July, the National Institute of Standards and Technology (NIST) sponsored the first-ever International Symposium on Forensic Science Error Management – Detection, Measurement and Mitigation. This meeting was well attended and it was refreshing to see forensic scientists embracing the measurement of error, as opposed to the denial that error exists, which was common in the immediate aftermath of the NAS Report. Highlights included a significant focus on cognitive bias issues as a source of error. Alastair Ross, Director of the National Institute of Forensic Science, Australia New Zealand Policing, spoke about some of the other sources of error in forensic science and pointed out “trying too hard” as one frequent cause of error.

Trying too hard means attempting to narrow a class of individuals beyond what the science will allow or attempting to detect ever-smaller quantities of substances, which has led to such problems as the misinterpretation of DNA evidence in mixtures. My favorite chemistry professor had a saying in his laboratory: “Think about what you are doing.” Criminalists need to keep this in mind in all aspects of their work. Do we really think that lowering the detection limit for any test by another order of magnitude will actually help the police or the jury to understand the evidence any better? How much additional error will such a process introduce?

Another keynote speaker, Dr. Jo Handelsman, Associate Director for Science at the White House Office of Science and Technology Policy, called for the “eradication” of forensic science disciplines that cannot demonstrate a scientific foundation. Specifically, she called for elimination of microscopic hair comparison and bitemark identification.

The microscopic hair comparison criticism may have been misplaced, in that the technique is certainly viable for making exclusions, but this call demonstrates what can happen when forensic scientists lose control of the destiny of their profession. The current review of the FBI's trial testimony on the subject has led to the conclusion that much (> 90%!) of the “inclusion” testimony was exaggerated or simply false. In the most egregious example of this testimony, the examiner claimed to have an error rate of one in five thousand, and because there were four hairs, he took 5,000 to the fourth power and stated that the odds of those hairs coming from anyone besides the defendant approached one in a quadrillion. (Seriously.)

The FBI's review of hair comparison testimony has led to a call for every state to conduct a similar analysis. There were more than 2,000 cases which FBI examiners identified as requiring review; that review is approximately halfway complete. The number of similar cases in which state and local examiners testified may be far larger than the 2,000 FBI cases and, as of this writing, only Texas, through its Forensic Science Commission, has stepped up. The Academy and the Criminalistics Section in particular should support these reviews. They will eventually happen with or without our leadership.

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Andrew M. Baker, MD  
*2016 Annual Meeting Program Chair*

## A Word From Your 2016 Program Chair

Can you believe it? September is upon us. By the time you read this, the summer of 2015 will be a memory. For some of our most youthful members, perhaps this means you are back at school. For others, maybe your kids are back at school. Or perhaps like me, you just watched your children graduate college and saw more than just another summer slip past as that milestone of life disappeared in the rearview mirror. At every phase of life, personal and professional, change abounds.

With the onset of fall also comes the realization that the 2016 Annual Scientific Meeting is a mere five months away...which leads me to the 2016 meeting theme set by President **Victor Weedn**—*Transformation: Embracing Change*. Is the AAFS embracing change? Emphatically yes, and on many fronts. Perhaps you've noticed how readily you can access AAFS *Proceedings* electronically (<http://www.aafs.org/resources/proceedings>), you've viewed the highlights of last year's meeting in high definition (<http://www.aafs.org/resources/videos>), or you've kept abreast of everything going on in the AAFS in real time via the Academy News Feed (<http://news.aafs.org>).

On a larger front, the AAFS maintains its place as the leading professional organization dedicated to developing and strengthening the forensic sciences. In this vein, the AAFS just announced receipt of a large, multi-year grant to become a Standards Development Organization (SDO). This will be in support of the National Institute of Standards and Technology (NIST) Organization for Scientific Area Committees (OSAC), and AAFS hopes to make those standards freely available to all. Clearly, such a commitment on the Academy's part is not merely passively waiting for change. We, as an organization, meet the challenges before us and we embrace the change. How can you learn more about this process? Keep an eye on the Academy News Feed and plan to attend a session at the 2016 meeting to learn more about standards development in the forensic sciences and the role the AAFS (and you!) will play in the process.

Speaking of the 2016 meeting, kudos to all of the writers, poster creators, and workshop chairs who spent part of their summer contributing to the educational component of our meeting. If you didn't submit an abstract this year, that's OK—there are still many ways to contribute to your AAFS program. Contact your section's officers (and certainly your section's Scientific Program Chair), who are always eager for assistance at the annual meeting. Or recruit some new AAFS members and help grow our forensic family. The deadline for new applicants to be considered at the 2016 meeting is still yet a few weeks away—October 1. With your encouragement and letters of reference, you may become the mentor you once admired by inspiring an ambitious forensic scientist to join the AAFS.

If you are planning on attending the 2016 Annual Scientific Meeting – and I hope you are! – make sure you visit the annual meeting page found on the AAFS website. As the meeting draws near, the site will have everything for your pre-meeting needs, ranging from airline information to presenter instructions.

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# 68th Annual Scientific Meeting Accommodations Information

## AAFS 68th Annual Scientific Meeting February 22-27, 2016 Rio All-Suite Hotel & Casino Las Vegas, NV, U.S.A.

The American Academy of Forensic Sciences has selected the Rio All-Suite Hotel & Casino for your stay during the 68th Annual Scientific Meeting in Las Vegas, NV. The Rio All-Suite Hotel & Casino offers great amenities to help you through your stay.

For hotel availability during the American Academy of Forensic Sciences' 68th Annual Scientific Meeting, please go to the AAFS Annual Meeting "Accommodations" webpage to make your hotel reservation under the AAFS room block. 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 of \$170 for either single or double rooms.

While early reservations are recommended to take advantage of discounted rates, please be sure to cancel your reservations prior to the [Monday, January 18, 2016](#), deadline 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.

### **Rio All-Suite Hotel & Casino**

3700 West Flamingo Road

Las Vegas, NV 89103

Telephone: (866) 746-7671

Reservations: (888) 746-6955

Single/Double: **\$170**



If there's one place that captures the rhythm of Las Vegas, it's the Rio All-Suite Hotel & Casino. Like its namesake, the Rio draws its style and passion from Carnival, the biggest celebration on earth. With vibrant colors and a pulsing samba beat, the Rio is exotic, festive and fun. Rio is about enjoying every moment, and that spirit is just as evident in the meetings and events that happen here. The Rio All-Suite Hotel & Casino features more than 2,500 spacious guest suites that offer the utmost in comfort and style. Whether it's a Standard or newly renovated Samba Suite, Rio guests will find plenty of room to work, entertain or just sit back and enjoy a view of the Las Vegas Strip.

#### Standard Amenities:

- High-speed Internet access (*When Booked Through AAFS Room Block*)
- Phone with voicemail
- On-Demand movies, music and games
- Alarm clock radio
- In-room safe
- Refreshment center
- Iron and ironing board
- Hair dryer
- 24-hour room service
- Available dry cleaning and laundry service
- In-room check out
- In-Room Coffeemaker (*Coffee Available Through Mini-Bar Purchase*)

Booking a room in the AAFS room block is an important way to support our organization and to keep overall meeting costs as low as possible. AAFS commits to a block of rooms at the Headquarter hotel(s) on behalf of meeting attendees and has a financial obligation to fill those blocks. Please help us to avoid penalties and to control costs for future events by staying at the official hotel. Staying within the block is also more convenient and helps you stay connected with the informal activities and networking opportunities that occur at the hotels during the meeting. If you are required to reserve a room through your company's travel department, please forward the booking link to them so that you can reserve a room in the AAFS room block.

## A Word From Your 2016 Program Chair cont.

You can access the page by clicking on the “Meetings” drop-down tab on the AAFS homepage ([www.aafs.org](http://www.aafs.org)) and selecting “AAFS 68th Annual Scientific Meeting — Las Vegas, NV 2016.” If days and days of scientific sessions, breakfasts, and luncheons aren’t enough to overwhelm you, then make sure you find time to attend some workshops, some evening sessions, the Plenary Session, the Last Word Society, and the Interdisciplinary Symposium. Your colleagues and some special guests will be speaking on many of the very changes we as an organization are embracing.

Program Co-Chair **Julie Howe** and I encourage you to extend a handshake, shout out a “thank you,” or dash off a quick email of appreciation to your fellow members (and the intrepid and indefatigable AAFS staff) who put the meeting program together so that they know you appreciate their efforts. In the vanishingly small time between abstract submissions on August 1 and the program deadline of September 1, the Program Chairs of every section and those charged with almost every other Annual Scientific Meeting educational activity (posters, Last Word Society, Breakfasts and Luncheons, Workshops, Plenary Session, Interdisciplinary Symposium, Bring Your Own Slides, Young Forensic Scientists Forum, you name it) will have pored through hundreds of submissions to plan, coordinate, and schedule the 2016 Annual Meeting and make it the best meeting it can possibly be.

I look forward to seeing you and the rest of my forensic family in Las Vegas.

### 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.

## 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 24, at 4:15 p.m., at the Rio All-Suite Hotel & Casino in Las Vegas, NV. 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 2016-17 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 2017 AAFS Annual Meeting in New Orleans, LA.



## FSF Student Travel Grants: October 15 Deadline

The Forensic Sciences Foundation (FSF) is pleased to offer Travel Grants for students to assist with travel expenses in attending the American Academy of Forensic Sciences (AAFS) Annual Meeting in Las Vegas, NV. The FSF Board of Trustees has allocated \$12,000, not to exceed \$1,500 per student, including complimentary meeting registration. This is a wonderful opportunity, and members are encouraged to promote it.

### Travel Grant Eligibility Requirements:

1. Prior Student Travel Grant award recipients are not eligible to reapply.
2. The applicant must either be an AAFS member/affiliate or an AAFS applicant for membership.
3. The applicant must have submitted an abstract either as a presenter or co-author for the annual meeting he/she will be attending.
4. The applicant must be a fourth-year undergraduate or a graduate student at an accredited four-year college, university, or professional school whose accreditation is acceptable to the FSF Board of Trustees.
5. The applicant must submit a letter of recommendation from his/her advisor or professor.
6. The applicant must submit a 400-600 word essay explaining how attendance at an AAFS meeting will impact his/her career decision.
7. The applicant must submit a curriculum vitae to include specifics regarding their involvement in forensic science and their current grade point average.



All submissions must be completed and received by October 15. The deadline is firm with no extension. Incomplete submissions will not be reviewed. Please submit the aforementioned Travel Grant Requirements electronically to Kimberly Wrasse at [kwrasse@aafs.org](mailto:kwrasse@aafs.org), or by mail to: Kimberly Wrasse, FSF, 410 North 21st Street, Colorado Springs, CO 80904. The FSF will confirm receipt of all submissions within two business days. If confirmation is not received within two business days, the applicant should contact Kimberly Wrasse at [kwrasse@aafs.org](mailto:kwrasse@aafs.org).

## FSF/CRC Press Student Travel Grant and Book Prize

In collaboration with the FSF, CRC Press will fund the top-scoring FSF Student Travel Grant candidate as determined through the FSF selection process outlined above. In addition to funding the \$1,500 travel grant, CRC Press will donate an “instant library” of \$1,500-worth (list price) in pre-selected books to the student at the annual meeting. The “FSF/CRC Press Student Travel Grant and Book Prize” will have an overall value of \$3,000.



68th Annual Scientific Meeting

February 22-27, 2016

Rio All-Suite Hotel & Casino

Las Vegas, NV

# AAFS Guidelines for Poster Presentations

Each poster session presenter will be provided with a 4 ft. (height) x 8 ft. (width) poster board and an ample supply of push-pins. The board will be labeled with the presentation title and preassigned 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. Material left behind will be disposed of after presentation hours.

## AAFS 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.

# Guidelines for the Richard Rosner Award for the Best Paper

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

To apply for the award please email or mail copies of the following: 1) the paper; 2) a letter from the director of the forensic fellowship program affirming that the author was a forensic fellow and the year of the author’s forensic fellowship; and, 3) the author’s curriculum vitae to Heather Jefferson, AAFS, 410 North 21st Street, Colorado Springs, CO 80904 or [hjefferson@aafs.org](mailto:hjefferson@aafs.org). Submissions must be received by **December 31**.

## The Award Consists Of:

- ❖ Free membership dues for one year in the Psychiatry & Behavioral Science Section of the AAFS, if the author meets the requirements and completes the application process;
- ❖ Free registration to the AAFS Annual Scientific Meeting;
- ❖ Acceptance of the paper for presentation at the AAFS Annual Scientific Meeting in the Psychiatry & Behavioral Science Section;
- ❖ Free subscription for one year to the *Journal of Forensic Sciences*;
- ❖ A cash award of \$500 to the author; and,
- ❖ A certificate affirming the author’s award.

# AAFS Guidelines For Presentations Using An LCD Projector

## IMPORTANT MESSAGE:

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

## PREPARING YOUR PRESENTATION:

- ❖ Microsoft PowerPoint® 2003 or later is highly recommended. Other versions of PowerPoint and programs may be difficult to support at the conference. If the current version of Microsoft products is used to create the presentation, save the file as a PowerPoint 2003 version. If using MS Word, do not save the document as a ".docx" file (extension). Save the file as a ".doc" file (extension).
- ❖ Dark background and light text provide acceptable contrast and display well in the darkened meeting room. Avoid distracting or otherwise hard to read color combinations such as red and blue, and yellow and green.
- ❖ Arial, Times New Roman, or Helvetica are the recommended font styles. Avoid using fonts that project poorly. Unusual or custom fonts may not be available on the host computer.
- ❖ Use as large a font as possible and fill the screen. Anything less than 24 is too small. Suggested font sizes are Titles: 48-54, Main text titles: 32, Smallest text lines: 24.
- ❖ Keep your presentation simple. Do not crowd the frame. Limit the number of text lines per frame to a maximum of seven lines, with no more than 30 characters per line.
- ❖ Use simple graphs and illustrations with a minimum of captions. Avoid using thin lines, dots, dashes, or other specialty lines.
- ❖ Verify your computer resolution by going to your computer's control panel, selecting "Display" then "Settings." The recommended resolution is 1024 x 768.
- ❖ Avoid the use of commercial messages (e.g., logo), and video and audio clips unless requested previously in the abstract submission.
- ❖ Save your presentation on a CD-ROM or jump/flash drive. Always test your presentation on another computer to verify file compatibility, layout, and style.

## IF YOU PLAN TO USE YOUR OWN COMPUTER WITH THE LCD PROJECTOR AT THE MEETING (ONLY IF ALLOWED BY SECTION):

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

## Complete Your AAFS Membership Application Online!

The American Academy of Forensic Sciences online membership application system will allow: 1) current members and affiliates to complete an application to upgrade your status; and, 2) non-members to complete the membership application process to become an Associate Member, Trainee Affiliate, or Student Affiliate.

### MEMBERS

If you are currently a member or affiliate of the Academy and wish to upgrade your status, you may complete your application online at [www.aafs.org](http://www.aafs.org). You will need to log into your AAFS Web Account (if you are unsure as to your login information, please email the Membership Department at [membership@aafs.org](mailto:membership@aafs.org)). Currently, all of the required documentation (e.g., references, CVs, case reports, etc.) will need to be emailed ([membership@aafs.org](mailto:membership@aafs.org)), mailed, or faxed separately to AAFS.

### NON-MEMBER AUTHORS/CO-AUTHORS

If you are not a member of the Academy, but you have served as an author or co-author on a presentation (oral or poster) at an AAFS Annual Scientific Meeting, an AAFS Web Account was established for you when your presentation was submitted. An email was sent to you with your login information. Please use this information to log into your "Author" account to start your membership application. If you are unable to obtain your login information, please contact the Membership Department ([membership@aafs.org](mailto:membership@aafs.org)).

### AAFS ANNUAL MEETING ATTENDEES, EXHIBITORS, AND VOLUNTEERS

If you have attended, exhibited, or volunteered at an AAFS Annual Meeting, you should have an account on record with AAFS. Please contact the Membership Department for your identification number ([membership@aafs.org](mailto:membership@aafs.org)).

If none of the above apply, please go to <https://webdata.aafs.org/application/apply/start.aspx> and click option C.

Please send your questions to AAFS Membership Coordinator Cheryl Hunter ([chunter@aafs.org](mailto:chunter@aafs.org)).

**VOLUNTEERS NEEDED FOR THE 2016 AAFS ANNUAL SCIENTIFIC MEETING**

The AAFS 2016 Annual Scientific Meeting will take place February 22-27 in Las Vegas, NV. 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 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.

**Volunteer applications must be received no later than December 31, and are accepted on a first-come, first-serve basis. Incomplete forms are not accepted.**

**AAFS 68<sup>th</sup> 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 [ ]

Emergency Contact Name: \_\_\_\_\_ Emergency Contact Phone: \_\_\_\_\_

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): \_\_\_\_\_

First Meeting? Yes [ ] No [ ]

I plan to arrive in Las Vegas, NV on \_\_\_\_\_ and depart on \_\_\_\_\_

(Date) (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.

Dates Available	✓	Time of Day Available	I prefer to work: [ ] Full Days [ ] Half Days Additional Comments/Needs:
Friday, February 19	_____	_____ a.m. _____ p.m.	_____
Saturday, February 20	_____	_____ a.m. _____ p.m.	_____
Sunday, February 21	_____	_____ a.m. _____ p.m.	_____
Monday, February 22	_____	_____ a.m. _____ p.m.	_____
Tuesday, February 23	_____	_____ a.m. _____ p.m.	_____
Wednesday, February 24	_____	_____ a.m. _____ p.m.	_____
Thursday, February 25	_____	_____ a.m. _____ p.m.	_____
Friday, February 26	_____	_____ a.m. _____ p.m.	_____
Saturday, February 27	_____	_____ a.m. _____ p.m.	_____

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. I understand that should I fail to meet my confirmed assignment and/or minimum hour requirements I may be charged for a full meeting registration and/or disqualified from volunteering at future AAFS meetings.

\* Return completed form by December 31 to:

  Special accommodations needed (describe need): \_\_\_\_\_

[volunteer@aafs.org](mailto:volunteer@aafs.org)  
**410 North 21<sup>st</sup> Street, Colorado Springs, CO 80904**  
**Phone: (719) 636-1100 Fax: (719) 636-1993**

**\* You must fill out the form completely. Incomplete forms are not accepted.**

# AAFS International Educational Outreach Program 2015 – Croatia!

**Source: Nancy Jackson, AAFS Director of Accreditation & Development**

From the first postings of the International Educational Outreach Program (IEOP) on activities June 18 (<http://news.aafs.org/aafs-news/aafs-ieop-2015-destination-croatia/>) and June 24 (<http://news.aafs.org/aafs-news/an-update-from-croatia/>), travelers **Peter Ausili** (Criminalistics), **Moses Schanfield** (Criminalistics), **Robert Barsley** (Odontology), **John Gerns** (General), **Shakuntala Teas** (Pathology/Biology), Danielle Ruttman (Jurisprudence), and I, along with traveling companions continued on our way to experience Croatia.

Day one (June 15), Our first day finds us in Zagreb, the capital city and hub of the business, academic, cultural, artistic, and sporting worlds in Croatia. A full day of activities left us overwhelmed – quite busy but incredibly rewarding. I’d like to tell you about the highlights of the day, but every new exchange was a highlight! My mind is reeling, and space and time do not permit so I will say, “Thank you for your hospitality!” to our hosts, Gordon Mrcic, PhD, Croatian Police Forensic Science Centre “Ivan Vucetic”; Professor Vedran Mornar, Minister of Science, Education, and Sports, Republic of Croatia, University of Zagreb; Professor Pavle Rudan, Croatian Academy of Sciences and Arts; Professor Mario Slaus, Anthropological Centre of the Croatian Academy of Sciences and Arts; and Professor Gordan Lance, Genos Company. Everyone went out of their way to welcome our group into their facilities, demonstrating their dedication to the forensic sciences and to the advances made in the Republic of Croatia. All are highlights of this outreach!

During our visit to the Academy of Sciences and Arts, we were delighted to meet Professor Pavle Rudan. The center is dedicated to the promotion and unification of scientific, cultural, and artistic achievements. Dr. Rudan gave us an hour of his time telling stories of his encounters – the hour seemed mere seconds. He talked of his very dear friend Lawrence Angel. His eyes twinkled as he told stories of “Lucky Larry” and their time together teaching at university. I am not sure how “Lucky Larry” inherited the nickname, but it was evident that Professor Rudan thought very highly of him and had many fond memories. As I said, time passed much too quickly.

There are two highlights I must share! A very special thank you to Kolinda Grabar-Kitarovic, President of the Republic of Croatia. Yes, I met the President! She is an amazing woman, dedicated to education and forensics, who took time away from her busy schedule and delayed her departure to NATO to welcome us individually and to personally thank AAFS for its support of and heart for Croatia and the International Society for Applied Biological Sciences (ISABS). The time went by much too quickly – I felt I could spend days listening to her sincere love for the people and her country.

Another exciting event took place shortly after the signing of the Memorandum of Understanding between the AAFS and the ISABS. The commitment pledges support between the AAFS and ISABS in the exchange of information and cooperation for a period of five years. However, I can see this cooperation as the “beginning” of a very long-term relationship between the organizations. See following article: Cooperation agreement between the American Academy of Forensic Sciences and the International Society for Applied Biological Sciences in Zagreb.

**Day two**, June 16, takes us to St. Catherine’s Hospital (<http://www.svkatarina.com>) where we were greeted by our host **Dragan Primorac** (Criminalistics) and Chairman of the Governing Council of St. Catherine Specialty Hospital. Dr. Primorac provided a personal tour of the facilities. Not only a teaching hospital, the beautiful and very modern St. Catherine’s Hospital is a European center of excellence for advanced imaging, orthopedics, spine surgery treatment of pain (pain management), and sports medicine. Most of the hospital physicians are forensic expert witnesses in the fields of orthopedics, neurosurgery, neurology, and spine surgery.



*IEOP travelers and key staff of St. Catherine’s Hospital.*

Leaving St. Catherine’s Hospital, we move on to the Kaprina Neanderthal Museum. After a short introductory film, we toured the museum and found many educational as well as amusing exhibits. Built on the site of the 1899 fossil discovery, the building mirrors the surrounding hillside mimicking the sites and smells the Neanderthal man would have experienced. Approximately 900 human fossil bones have been uncovered in the sandstone deposits, the largest number in a single dig site.



*Nancy’s new friend at the museum.*

*continued on page 14*

## AAFS IEOP 2015 – Croatia! cont.

Not wanting to miss out on the beauty of Croatia, we move on to the Plitvice Lakes National Park. Located in central Croatia, it is the oldest and largest national park in Croatia. We enjoyed a not so leisurely walking tour of one of the most breath taking parks I have ever seen. The lakes are renowned for their distinctive colors, ranging from azure to green, gray, or blue. The colors change constantly depending on the quantity of minerals or organisms in the water and the angle of sunlight.



The park is made up of a series of lakes, caves, and waterfalls. The lake system is divided into the upper and lower lakes: the upper lakes lie in a dolomite valley and are surrounded by thick forests and interlinked by numerous waterfalls; the lower lakes, smaller and shallower, lie on the limestone bedrock and are surrounded only by sparse underbrush. Incredibly beautiful, the few short hours were not enough to enjoy this incredible park.

**Day three** (June 17), we find ourselves on the bus headed towards Zadar. This is a relaxing day of travel. Midway to Zadar, we stop in Similjan, the birthplace of Nikola Tesla and home to the Nikola Tesla Birthplace Museum & Memorial Center. The museum shows off various models of his inventions such as the Tesla Coils, an AC induction motor, a working Egg of Columbus used by Tesla during the 1893 World's Fair in Chicago to demonstrate the alternating current magnetic field. The restored homestead includes a replica shed, carefully reconstructed to replace a shed that existed during Tesla's childhood. It is reported that he jumped off the top holding an umbrella, hoping to experience flight. He only experienced gravity.



**Day four** (June 18) and we are on vacation! Today, the group is pampered while on a day long boat excursion to the National Park Konati. Located in the central part of the Croatian Adriatic, near where the Sibenik and Zadar islands meet, is a distinctive and special group of islands called Kornati. The Kornati National Park covers the bigger part of the Kornati waters. Because of their exceptional landscape beauty and rich communities of the submarine eco-system, the islands were made a national park in 1980.



(l to r): Gwen Barsley, Emily Barsley, and Bob Barsley.



Our boat will bring us to one of the largest islands where we will disembark and take a walk through the picturesque surroundings and enjoy a typical Dalmatian lunch near the waters of the Adriatic Sea. Although a leisurely day of rest, we are on the go again and arrived in Sibernik in time for dinner.

**Day five** (June 19), and a morning tour of the city of Sibernik. This historic town is located in central Dalmatia on the Adriatic coast and, unlike other cities along the coast, Sibernik was founded by the Croats. Through the centuries, the city was held by Venice, Byzantium, Hungary, and Bosnia. Not until the September War of 1991 did Sibernik finally find its freedom. Today, Sibernik is the administrative, political, economic, social and, cultural center of a county, which stretches the 62-mile long belt between the Zadar and the Split Riviera, reaching up to 30 miles deep into the inland. While touring the city, the group stopped at the Cathedral of St. James. Built entirely of limestone between 1431 and 1535, the architects used unique construction techniques for the vaulting and the dome of the Cathedral. Perhaps one of the more interesting aspects of the building is the 70+ sculpture “portraits” adorning the facades. Each portrait is unique and it is said to be images of common citizens of the time rather than saints or gargoyles.



Cathedral of St. James.



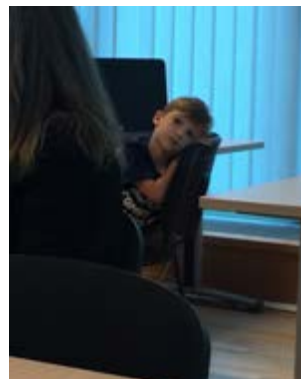
Cathedral of St. James' "Portraits."



**Day 6** (June 20), and off to the University of Split, Department of Forensics. Here our host was **Professor Simun Andelinovic**, Rector of the University. Established in 1974, the university is considered one of the premier scientific and teaching institutions in the region. Dr. Dragan Primorac and Professor Andelinovic are the founders of the Department of Forensic Sciences. What a great surprise to find AAFS Fellow **Mitchel Holland** (Criminalistics), at the university presenting the “*Complex STR Mixture Interpretation Workshop*.” We were all very pleased and honored that so many took time away on a Saturday to meet with us.



(l to r): Bob Barsley, Mitch Holland, Dragan Primorac, and Simun Andelinovic.



Perhaps not everyone was happy sacrificing his Saturday.

continued on page 16

## AAFS IEOP 2015 – Croatia! cont.

The university is the center for mass grave victims identification by DNA. Identification of war victims from mass graves in Croatia and Bosnia and Herzegovina is an ongoing effort with the goal of bringing closure to the families of these victims. In 1993 Dr. Primorac and his colleagues spearheaded the effort and invited AAFS members to join them. In 1996, Professor Primorac and his team from the Department of Forensic Sciences, published one of the first scientific articles ever on mass grave victims identification by DNA technology (Primorac D., Andelinovic S., Definis-Gojanovic M., Drmic I., Rezic B., Baden M.M., Kennedy M.A., Skakel S.B., Lee H.C. *Identification of war victims from mass graves in Croatia, and Bosnia and Herzegovina through the use of DNA typing and standard forensic methods*. J Forensic Sci 1996;41:891-894.). The *New York Times*, *USA Today*, the *Chicago Tribune*, the *Hartford Courant*, *The Journal of the American Medical Association*, *The Lancet*, *Science Magazine*, and NBC Connecticut have reported several stories on the identification of war victims from this department. For me the experience was beyond belief and I applaud the efforts of this team in reuniting the genocide victims with their families and providing closure.



*Turanj memorial.*

Throughout our travels, we saw memorial sites such as the one in Turanj. The county has chosen to preserve buildings and surrounding areas that were desolated during the war of independence. I asked our guide why such places were not restored instead. His reply was very simple – to never forget.

In the afternoon we traveled to the Crkvine archeological site. In 1993 through 2007, remains of an extensive complex of ancient secular, early Christian, and early medieval structures have been uncovered. The area is surrounded by graveyards and the entire area preserved as an archaeological park. The complex is established next to a karst pool where fragments of pots from prehistoric times and the Bronze Age were found. The remains of five different churches constructed between the 5<sup>th</sup> and 10<sup>th</sup> century were discovered, one complete with a baptismal font. The archeological team continues working on an excavation of the medieval graves containing skeletal remains.



*(l to r): Mitch Holland, Hrvoje Kucek (guide), Shaku Teas, Emily Barsley, Bob Barsley, and Greg Teas.*

**Day seven** (June 21), and our last day of touring together is here. We will enjoy the sights of Split. Split is the economic and administrative center of Middle Dalmatia. It is also a place of historic beauty and culture. The site was first settled in the 3<sup>rd</sup> century AD by the Roman Emperor Diocletian who built his palace at the bay of Aspalathos. The Split inner city, built around the palace,



is included in the register of the World Cultural Heritage. Built from white stone gathered on the Island of Brac, Diocletian's palace faces the Split harbor and surrounded by a great wall. Each of the four entrances to the palace courtyard is named after a metal. At the northern end is the Golden Gate, the south is the Bronze Gate, to the east is the Silver Gate, and the west is the Iron Gate. The palace boundaries are home to over 200 buildings and, today is home to about 3,000 people.



*Inner Palace Courtyard.*  
*(l to r): Danielle Ruttman, Greg Teas,*  
*and Denise Ruttman.*



*The young and old exchange a greeting.*

Here is where my journey ends. There is so much more to tell but time and space do not permit. However, I cannot close without mentioning one thing that is a highlight on every journey and that is the food. The culture and food of Croatia is as different as north is to the south – literally. It is referred to as the “cuisine of the regions” since every region of Croatia has its own distinct flavors. Northern and inland, the cuisine tends to be more Slavic or perhaps Hungarian with lots of pepper and paprika on the meats and vegetables. Cooking styles are as varied as the food itself. We enjoyed meats and vegetables cooked under stone domes, grilled on open flames, stewed, and slow roasted. After our visit to Crkvine located in the Montenegrin mountains, we enjoyed lunch at the ethno village of Grabovci on Podi, a meal of with a Hungarian flare. In contrast, a meal in Zadar on the coastline was very Mediterranean. I can honestly say that every meal was exceptional regardless of the region.

From here, we head for home with wonderful memories, and as always on these outreaches, many new friends. Those who remained behind headed to the Island of Brac and the International Society of Applied Biological Sciences 9<sup>th</sup> Mayo Clinic.

Additional photos are available on pages 26-27.

President-Elect John Gerns is already making plans for the 2016 International Education Outreach Program to New Zealand. This program will immediately precede the Australian and New Zealand Forensic Science Society (ANZFSS) 23<sup>rd</sup> International Symposium on Forensic Science. The ANZFSS conference is scheduled September 18-23, 2016, in Auckland and the tentative dates for the IEOP 2016 tour is September 12-17. So mark your calendars for the upcoming **IEOP 2016 – Destination New Zealand**.

## **AAFS MEMBERSHIP APPLICATION DEADLINE!**

All completed applications, including any additional requirements, for membership and promotion must be submitted online or received in the AAFS Office by October 1 in order to be considered for approval at the 2016 Annual Scientific Meeting in Las Vegas, NV.

See page 11 for information on submitting your application online at [www.aafs.org](http://www.aafs.org).

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 07/01/15 through 08/01/15.

The Fund's balance through 08/01/15 was \$1,009,325.89. Additionally, the FSF Endowment Fund has provided \$261,097.37 in awards and grants since its inception in 1990.

## FSF Endowment Fund Contributors

### CRIMINALISTICS

\$51-\$100 - "Trustee"  
Sara Bonner, BS

### FSF Needs Your Help With the 2016 \$ilent Auction!



The Forensic Sciences Foundation (FSF) conducts a Silent Auction at the AAFS Annual Scientific Meeting. The FSF depends on donations from members, meeting attendees, and exhibitors for a successful auction. Please consider donating an item that would encourage lively bidding (author signed books, apparel or coffee mugs with your agency logo, or other fun, forensic-related items). The proceeds benefit the FSF Endowment fund which supports research and educational grants within the profession.



Mugs



Caps



Shirts

Please submit donations by December 31 to Kimberly Wrasse, AAFS, 410 North 21st Street, Colorado Springs, CO 80904. Items received after the deadline will be accepted for the following year. Donors will be acknowledged on the auction signup forms and on the Academy News Feed.



# Forensic Sciences Foundation *Endowment Fund Contribution*

Name: \_\_\_\_\_

Address: \_\_\_\_\_

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Forensic Sciences Foundation Contribution  
80% Restricted Endowment, 20% General: \$ \_\_\_\_\_

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410 N. 21st Street  
Colorado Springs, CO 80904  
(719) 636-1100 Fax: (719) 636-1993

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

Visa  Mastercard  Enclosed Check (Payable to FSF)

Account No: \_\_\_\_\_

Signature: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

*Signature, Account Number and Expiration Date Required for Credit Card*



## AN HOUR OF MY TIME IS WORTH \$ \_\_\_\_\_ TO THE FORENSIC SCIENCES FOUNDATION

Name: \_\_\_\_\_

AAFS Member No.: \_\_\_\_\_ Section: \_\_\_\_\_

Address \_\_\_\_\_

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Forensic Sciences Foundation Contribution  
80% Restricted Endowment, 20% General: \$ \_\_\_\_\_

Forensic Sciences Foundation Restricted  
Endowment Contribution: \$ \_\_\_\_\_

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Colorado Springs, CO 80904  
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Visa  Mastercard  Enclosed Check (Payable to FSF)

Account No: \_\_\_\_\_

Signature: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

*Signature, Account Number and Expiration Date Required for Credit Card*

Thank you for your commitment to the forensic sciences.



# Section News

## CRIMINALISTICS

**Source: Karolyn L. Tontarski, MS**  
*Section Secretary*

Now that the abstracts submission deadline for the upcoming 2016 Annual Scientific Meeting in Las Vegas has passed and the “dog days” of summer are (hopefully) coming to an end, it is time to turn your attention to submitting your application for promotion if you now meet the requirements to do so. Please don't wait until the last minute. You can (and should) seek to move your membership status in the AAFS forward this year if you qualify.

Are you an Associate Member of the Criminalistics Section? Have you been working in the field and held Associate Member status for two years (or will have by October 1)? Have you attended at least one annual meeting of the AAFS? Have you provided service to the AAFS through your work or research, by presenting at a meeting, or by publishing in *Journal of Forensic Sciences*? If so, now is the time for you to submit your application for promotion to Member.

Are you a Member of the Criminalistics Section? Have you attended at least two annual meetings of the AAFS? Have you held the status of full Member for at least two years (or will have by October 1)? While serving as an Associate Member or Member of the Criminalistics Section, have you met one or more of the requirements for promotion from Member to Fellow on three separate occasions within the last ten consecutive

years as listed at <http://aafs.org/membership/Promote/Criminalistic?>

To see if you meet both the AAFS and the Criminalistics Section promotion requirements and to obtain the directions for submission, from the home page of <http://aafs.org/> under Quick Links, select Applicants for Promotion & Membership and look for the applicable link “Promote to Member or Fellow” and get started! The firm deadline for submission of promotion applications is October 1. We're looking forward to receiving your promotion application.

Also of interest for the forensic biologists/DNA analysts out there...please keep in mind the November 1 deadline for the submission of questions for the DNA Mixture Interpretation and Statistics Town Hall Meeting being held during the annual meeting in Las Vegas. This special two-hour session provides an opportunity to have questions on this topic answered by the six-expert panel on matters related to difficult mixtures and certain assumptions made during interpretation such as: number of contributors (and their proportions), dropout and other stochastic effects, allele sharing/relatedness, and stutter. Please submit your general questions on mixture interpretation and/or a sample profile to **Kristy Kadash** at [kkadash@jeffco.us](mailto:kkadash@jeffco.us) by November 1. All questions and profiles will be screened, compiled, and provided to the panelists in advance of the session.

Speaking of the annual meeting in Las Vegas, we hope you plan to attend and have already started the process of securing leave or training days to ensure you will be there!

# DIGITAL & MULTIMEDIA SCIENCES

Source: **Marcus K. Rogers, PhD, Section Secretary**

As is usual for the fall newsletter, the focus is on membership. Our section is continuing to grow with our total number (latest stats available) now at 138. This is exceptional given our humble beginnings! The specifics of our membership are as follows:

Fellows	24
Members	22
Associate Members	61
Student Affiliates	22
Trainee Affiliates	7
Retired Fellows	2
Total	<u>138</u>
Applicants	9

For the first time in our section's history (albeit a short one), we have more Fellows than Members. This is a great trend!

As always, please remember that it is extremely important for those Members who have the sufficient time and service to the section to apply for promotion to Fellow. It is equally important for our Associate Members who have sufficient time and service to the section to also apply to become Members. This can all be completed online through your AAFS Web Account (<http://www.aafs.org/membership/promote/promote-member-or-fellow>). The deadline for applying for membership or promotion is fast approaching – October 1. The AAFS is very strict about deadlines and applications for new member or promotion will not be accepted after the deadline has passed.

Our section's growth has been great! Let's make sure this continues by keeping our eyes open for potential new members and by making sure we apply for promotions when we qualify.

# ENGINEERING SCIENCES

Source: **Michelle R. Hoffman, MS, Section Secretary**

**Mark Pozzi** is a Fellow of the Engineering Sciences Section. Since 1981, he has been an independent research scientist, forensic consultant, and test engineer with Sandia Safety Sciences in Edgewood, NM. Currently, Mark also works at Titan Aerospace as an airframe test engineer and serves as their Environmental Health and Safety (EH&S) lead.

Titan Aerospace, which was acquired by Google® in 2014, is working on development of high-altitude, solar-powered aircraft that could one day provide internet access from the stratosphere. At Titan, Mark applies his test expertise and experience as a commercial pilot to the research, development, and manufacturing of High Altitude Long Endurance (HALE) solar-powered Unmanned Aerial Vehicles (UAV) (see Figure 1.) This includes testing of extremely lightweight prototype composite airframe structures and materials, solar energy storage, and aircraft launch

systems. As the EH&S lead, Mark is also responsible for safety assessments, accident investigations, emergency response plans, fire protection engineering, injury prevention, and safety training.



Figure 1: Image of Titan HALE solar-powered UAV reprinted from <http://www.businessinsider.com/google-buys-drone-company-titan-aerospace-2014-4>

For more than three decades, Mark has contributed to the field of transportation research, safety testing, and defect investigations through his work for the Department of Transportation (DOT), Department of Defense (DOD), National Aeronautics and Space Administration (NASA), and the private sector. This work includes investigations and analyses that span static, sled, crash, and stability tests of bicycles, motorcycles, ATVs, electric and conventional passenger vehicles, medium and heavy trucks, buses, trains, ejection seats, aircraft, and spacecraft. Mark's research and testing has validated many advanced safety designs such as the National Highway Traffic Safety Administration (NHTSA) Research Safety Vehicle (RSV). He is also involved in safety testing and development of prototype and racing vehicles, including likely the first crashworthy electric car capable of interstate travel. For the Department of Energy (DOE), he conducted the most extensive crash and durability testing of electric vehicles ever undertaken. He has also been involved in safety design and fabrication of professional open wheel and stock cars and off-road racing vehicles.

His crash testing and research has uncovered many vehicle safety defects and directly led to multiple DOT recalls of defective vehicles and components. This includes the Ford® Pinto® and other vehicle fuel systems, several seat belt designs which failed to remain latched or lock up properly during collisions, dangerous airbags, and numerous structural crashworthiness failures of vehicle roofs, doors, bumpers, and other occupant compartment structures. He has performed pioneering research on the safety of vehicle seats, head restraints, and seat belts. He was involved in baseline research that led to Federal Motor Vehicle Safety Standard (FMVSS) 214D. He has done extensive research on child safety in vehicles, particularly in rear, side, and rollover impacts. He designed and conducted extensive stability and rollover testing on the Jeep® CJ-5® broadcast on CBS's® 60 Minutes (see Figure 2). Additionally, he has performed significant work in the field of fire protection engineering and occupational, sport, and product safety. Mark's impact is evident based on his publications in peer-reviewed technical literature, international presentations, contributions to television news programs, film documentaries, and instruction provided at universities and professional schools nationwide.

*continued on page 22*

## Section News cont.



Figure 2. Mr. Pozzi (on left) during a 1980 Jeep CJ-5 Rollover Test.

## GENERAL

**Source:** Joanna L. Collins, MFS, *Section Secretary*

It's August...the summer is just about over, the abstract submission deadline has passed, and we are six months out from the 2016 Annual Meeting in Las Vegas, NV (February 22-27). For those who submitted an abstract, thank you and good luck! For those who didn't quite get to it, start planning now for the 2017 meeting in New Orleans! Section Program Chair **Steve Chancellor** ([aurhur.s.chancellor.civ@mail.mil](mailto:aurhur.s.chancellor.civ@mail.mil)) and Co-Chair **Melissa Connor** ([mconnor@coloradomesa.edu](mailto:mconnor@coloradomesa.edu)) are busy reviewing all of the submissions and developing a dynamic program for the annual meeting. In addition, they will select moderators for the scientific sessions. If you did not have a chance to sign up during the last meeting, and you plan on attending the 2016 meeting and are interested in serving in this capacity, please send them an email.

The General Section has several other members hard at work on the 2016 AAFS Program as well. **Julie Howe** is the Chair of the Student Academy and the Academy-wide Program Co-Chair. **Joanna Collins** is the Plenary Session Co-Chair and **Tanisha Henson** is the Poster Session Chair. Congratulations to these General Section members for being named to the program committee.

The General Section Nominating Committee, consisting of **Alan Boehm**, **Kathleen Hargrave**, and **Frank Horvath**, announces that a section chair and section secretary will be elected during the section business meeting in Las Vegas. A list of officer responsibilities can be found online ([www.aafs.org](http://www.aafs.org)) in the AAFS *Policy and Procedure Manual*. Nominees can be placed on the ballot in one of three ways: (1) selection by the Nominating Committee; (2) nomination from the membership by petition, supported in writing by a minimum of three Members or Fellows of the General Section; or, (3) nomination from the floor during the election process at the annual section business meeting. Petition(s) must be submitted to Alan by October 15 in order to verify the nominee's eligibility, willingness to serve, and to obtain an AAFS-specific resume. Alan can be reached at [aboehm@cox.net](mailto:aboehm@cox.net).

Lastly, our Reception Committee Chair, **Sharon Plotkin**, has been working hard on fundraising for our annual General Section Reception to be held on Wednesday night of the meeting. If you would like to be recognized as a Friend of the General Section (FOGS), it is not too late to donate; email Sharon at [splotkin@mdc.edu](mailto:splotkin@mdc.edu) for details.

## JURISPRUDENCE

**Sources:** Christine Funk, JD, *Section Chair* and Stephanie Domitrovich, JD, PhD, *Section Secretary*

The Forensic Science Committee of The American Bar Association (ABA), Judicial Division, chaired by **Stephanie Domitrovich**, along with Jurisprudence Section members **Andrew Sulner**, **Carol Henderson**, **Barry Scheck**, as well as additional members of the Judicial Division, have promulgated a Resolution to the ABA House of Delegates indicating "the ABA urges the National Commission on Forensic Science to develop a model curriculum in the law and forensic science, and to provide training in that curriculum for federal, state, territorial, local and tribal judges." The ABA's House of Delegates passed this Resolution recently without opposition.

Stephanie Domitrovich is the recent Special Issues Editor for the American Bar Association's Judicial Division's *Judges' Journal* Summer 2015 Edition which is entitled "FORENSIC SCIENCES: Judges as Gatekeepers." In a few weeks, a website link will be available on the ABA's *Judges' Journal* website or you may contact Stephanie Domitrovich ([sdomitrovich@eriecountygov.org](mailto:sdomitrovich@eriecountygov.org)) and she will send you a hard copy PDF of the entire issue. Jurisprudence members **Ted Vosk** and Carol Henderson also contributed to this edition. Member Ted Vosk published "Why Breath and Blood Tests in Intoxicated Driving Cases Currently Fail to Meet Basic Scientific and Legal Safeguards for Admissibility" (co-author Patrick Barone) in the July issue of the *Michigan Bar Journal*, in addition to his ABA publication.

**Roderick Kennedy** will speak to the Texas DUI Defense Lawyers Association in September about countering causes of judicial error regarding scientific evidence. Additionally, he will serve as part of a workshop approved for the Society of Toxicology concerning synthetic cannabinoids.

**Robert Sanger** is designing a rigorous curriculum in forensics for law students that would culminate in a Science and the Law specialization certificate awarded along with the JD degree. The program would involve a semester course in scientific evidence and a combination of electives in specific forensic areas. It is designed to educate future lawyers to work with forensic experts and to effectively present scientific evidence. If anyone has an interest in this concept or has particular experiences they would like to share, please contact Robert Sanger at [rsanger@collegesoflaw.edu](mailto:rsanger@collegesoflaw.edu).

# ODONTOLOGY

# PATHOLOGY/BIOLOGY

Source: **Iain A. Pretty, DDS, PhD, Section Chair**

Source: **Jim Caruso, MD, Section Secretary**

As we begin looking towards fall, **Adam Freeman** has been busy organizing the scientific program for the 2016 annual meeting in Las Vegas. I am sure it will be a great collection of research, case reports, and thought-provoking presentations. There is no doubt that the scientific program is a great way to get up-to-speed on the latest research findings in our discipline and in those disciplines of our forensic colleagues. Science and research must underpin all of what we do – both in our clinical practice and also in our forensic casework.

However, research cannot simply be taken at face value – we must critically appraise it and, just like a jury in a trial, apply appropriate weight to it. While there are many reputable journals, not least the Academy's own *Journal of Forensic Sciences*, there are increasing numbers of so-called "predatory publishers" journals with a "pay-to-publish" business model. Such publishers are categorized by having poor or non-existent peer review, hundreds of titles, often with only a few articles in each. Jeffrey Beall, an academic from the University of Colorado Denver, maintains a list of these journals and an internet search will provide you with a wealth of information on such publishers.

The presence of such journals in the academic space is yet another complication as we aim to become effective consumers of forensic science literature. The abundance of research, the need for effective searching, appraisal, and reviewing of the evidence is time consuming and often beyond the resources of a single individual. Forensic scientists have an additional complication – that of the law. Our science is not only practiced in laboratories and mortuaries but also in the courts, so we need not only be aware of the science, but also its acceptability within the legal system. Yet this burden is no justification for practitioners to be unaware of the current state of the science in relation to their casework. The Academy's mission includes the promotion of education, competency, and foster research to improve practice. I believe that the Odontology Section has an obligation to assist the membership in the review, appraisal, and assessment of the scientific basis for forensic dental practice.

As such, and in the spirit of President Weedn's request for our sections to be proactive within their disciplines, I am convening a new permanent committee within the Odontology Section: the Science and Legal Review Committee. This committee will be charged with the development of a series of robust, systematic reviews of the state of the scientific and legal issues in each area of our forensic practice. These will be dynamic documents that will be updated regularly. The committee will have its first meeting in Las Vegas, but in advance of this, I would like to invite members who are interested in contributing to email me (*iain.pretty@manchester.ac.uk*). We need a broad mixture of experience from both legal and scientific backgrounds and also within our scope of practice. I will also reach out to other disciplines where this is appropriate. I do hope this new committee, with a task-and-finish approach, will be further evidence that the Odontology Section is proactive, evidence based, and keen to serve justice through the application of science.

The program for the AAFS Annual Meeting in Las Vegas is taking shape! I just returned from the International Association of Coroners & Medical Examiners (IAC&ME) meeting in Las Vegas. John Fudenberg, the IAC&ME immediate past president and recently appointed Clark County (Las Vegas) Coroner, has been the driving force behind the success of the IAC&ME meetings and training courses for the past few years. The IAC&ME has done a terrific job filling the void created with the departure of the Armed Forces Institute of Pathology from the training scene. Many members of the Pathology/Biology Section were in the classroom for the AFIP's Basic and Advanced Forensic courses, Forensic Anthropology course, and the Odontology and DNA Forensic ID course. Those AFIP courses were excellent as many can attest to and the forensic community should be grateful that their legacy continues on through other organizations.

My recent stay in Las Vegas reminded me that many of us will be there this coming February for an even larger gathering of experts in the forensic sciences. **Lisa Gavin**, one of the forensic pathologists in the Clark County Coroner's Office, is the AAFS Local Arrangements Chair for our own meeting in Las Vegas. Lisa dedicates herself fully to any task she undertakes so we are most assuredly in good hands!

Our chair for the 2016 scientific program, **Joyce deJong**, tells me that she has received over 300 abstract submissions, including more than 160 for poster presentation and more than 130 for oral presentation. This exceeds last year's totals and ensures that Dr. deJong will have gainful employment (in addition to her day job) for the next few months. I applaud all of you who have offered to share your research efforts and experiences with the rest of the Academy by submitting an abstract. Joyce will have some very difficult decisions to make in selecting the highest quality abstracts for February, but she is up to the task.

Dr. deJong has also asked me to pass along a solicitation for moderators for the various Pathology/Biology oral presentation sessions. For those of you who have never moderated a session at a scientific meeting, it is an enjoyable experience and usually not very taxing. The major tasks include ensuring the presentations are all pre-loaded prior to the beginning of the session, introducing the presenting authors, and keeping track of time to effectively move through the program. If you are interested in moderating a session in Las Vegas, please contact Joyce at *Joyce.deJong@med.wmich.edu*.

Don't forget to get your meeting registration and room reservations taken care of early. Registration opens in early November; please check the AAFS website for up-to-date information and specific dates. While the host hotel is very large, it is not on the Las Vegas Strip. Staying at neighboring hotels requires a considerable walk across some very large parking lots at a minimum.

*continued on page 24*

## Section News cont.

Thanks again to those who submitted abstracts. It is the enthusiastic participation of our members that ensures the success of the section. Kathy, Joyce, and I look forward to seeing many of our colleagues from the Pathology/Biology Section in Las Vegas!

# PSYCHIATRY & BEHAVIORAL SCIENCE

**Source: Dean De Crisce, MD, Section Secretary**

Dear Colleagues, we hope you are all enjoying your summer. By the time our section members receive this newsletter, the deadline for submission of papers for the February 2016 Annual Meeting will have passed. Section Program Chair **Gregg Dwyer** has noted that the line-up of submissions for the Psychiatry & Behavioral Science Section looks promising with a cross section of topics and a mix of empirical study results, practical guidance, case law, and reviews of the literature. Proposals address such topics as management of sexual offending behavior, paraphilias and internet activity, Not Guilty by Reason of Insanity (NGRI) and homicide, genetics and brain structure as they relate to criminal behavior, therapeutic approaches, online bullying, criminal competency, neurobiology, psychopathy, sex trafficking, workplace violence, suicide, and others. Submissions are for posters, oral presentations, and workshops with authors from Canada, the United States, and several European countries. We look forward to sorting through the submissions to prepare a line-up of thought-provoking material to improve and inform our practices and challenge our perspectives in furthering the science of our field.

In section news, AAFS past president and forensic psychiatry pioneer **Richard Rosner** authored a book review of the Second Edition of Gunn and Taylor's *Forensic Psychiatry: Clinical, Legal, and Ethical Issues*. The book review was published in a current issue of the British journal *Criminal Behaviour and Mental Health*. A summary of the review follows:

The book addresses psychiatric and legal issues primarily in the United Kingdom and takes a broader approach to forensic psychiatry than usually addressed in U.S. forums. In addition to addressing legal issues, care of mentally disordered offenders, and risk management, the editors also view topics regarding victimization, abuse, and the prevention of victimization, to be part of the goals of the field. As such, some unique topics are presented, such as the elderly offender, addictions, crimes of "passion," intellectual disabilities, and neurobiology.

Dr. Rosner recommended the work as "a welcome alternative" to the narrow focus inherent in forensic psychiatry in the U.S., and a "much needed corrective" to our ethnocentric view (my term, not Dr. Rosner's) of psychiatric practice.

In other section news, **Janise Nekoranec** (Member) has expanded her psychology practice, Nekoranec Psychology, to serve on the Criminal Law Panel for the Superior Court of Orange County, CA. She conducts forensic evaluations and expert testimony for

competency and criminal responsibility. In addition, she started a consulting business, ThinkNekron, with her husband, Dr. Wendell Nekoranec.

AAFS member and forensic psychiatry pioneer Robert Sadoff has published a new book which was released by Oxford University Press, titled *The Evolution of Forensic Psychiatry: History, Current Developments, Future Directions*. A number of members of AAFS, including Richard Rosner, have contributed to this work which includes the history of the development of fellowships in forensic science.

Section Chair **Karen Rosenbaum** presented on the Ethics of Physician Participation in Capital Punishment as part of a panel on the Death Penalty on July 15 for the International Academy of Mental Health and Law held in Vienna, Austria. **John Young** attended the conference and her talk.

Be sure to explore the AAFS News Feed which will replace the *Academy News* that is presently available in electronic format. The News Feed can be accessed at <http://news.aafs.org/> and is an impressive resource, including up-to-date events of relevance to the forensic community, information on each section, job postings, and course information.

We continue to welcome the submission of news items for the News Feed and this column from our members. Please submit these items to **Dean De Crisce**, Section Secretary, at [decrisce.md@gmail.com](mailto:decrisce.md@gmail.com). As always, if you are aware of colleagues or trainees who may be interested in our organization or in participating in our conferences, please encourage them to join.

# TOXICOLOGY

**Source: Dan T. Anderson, MS, Section Secretary**

It is often said that the one and only constant in life is "Change."

And this year's theme for the 2016 Annual Meeting in Las Vegas, NV, is *Transformation: Embracing Change*. As leaders in forensic toxicology, our success or failure can hinge upon how well we are able to facilitate change and how we assist the members of our team to adapt to and appreciate these changes. In a laboratory setting, we are constantly changing to make improvements – whether it's a lab's scope of testing, implementation of new methodology, or even the possibility of how we change our approach to a case and try to remove some inherent human bias. The theme of Embracing Change is very timely as the Academy improves its functionality by becoming a Standards Developing Organization (SDO) for better effectiveness for the forensic science community as a whole.

What happens in Vegas stays in Vegas!

The time is now for you to be making plans to join us in Las Vegas's desert oasis as we celebrate "Change." Section Program Chair, **Fiona Couper** ([Fiona.Couper@wsp.wa.gov](mailto:Fiona.Couper@wsp.wa.gov)), and Co-



Chair, **Nikolas Lemos** (nikolas.lemos@sfgov.org), continue to work behind the scenes to bring the Toxicology Section an outstanding program. Traditionally, special sessions of Driving Under the Influence of Drugs (DUID) topics, the joint session of Toxicology and Pathology/Biology, and Pediatric Toxicology will be on the program schedule. By the time this edition of the *Academy News* is posted, the deadline for workshops and abstract submission for the 2016 meeting will have passed and the peer-review process will be well under way. The Annual Toxicology Lectureship is being planned along with the 4th Annual Toxicology Luncheon and its festivities. **Sarah Kerrigan** and I would like to acknowledge and thank the efforts of Nikolas and Fiona as they have a huge job. They both deserve a lot of credit for securing section financial sponsorship and keeping within the tight AAFS deadlines. Official acceptance letters for abstracts from AAFS will be mailed by mid-November and the Advance Program will be published in November as well.

The Toxicology Section membership continues to maintain its numbers, but there is always room for improvement. Please

encourage your non-member colleagues to apply; the career benefits of membership outweigh the small initial cost. The application process is completely online (<https://webdata.aafs.org/application/apply/start.aspx>) and details are located on the AAFS website.

Additionally, our section members of any status (Trainee or Student Affiliates, Associate Members, Members, and Fellows) need to determine if they are eligible for promotion, and if so, complete the application process. Some section activities (e.g., section officer or committee chair) require full Member or Fellow status in order to participate. If you discover that you are not yet eligible for promotion, you can fulfill some of the promotion requirements by participating in meetings as an attendee, presenter, moderator, or volunteer. Please contact Nikolas or Fiona for volunteer opportunities such as moderating a session. The deadline for receipt of all membership application and promotion materials is October 1.

Viva Las Vegas—hope to see you there!

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## President's Message cont.

profession. To date in the United States, forensic standards development has culminated in the currently on-going National Institute of Standards and Technology (NIST) Organization of Scientific Area Committees for Forensic Science (OSAC) effort which began in 2014. NIST has ensured the significant involvement of the forensic science community in this process.

The NIST OSAC now has 24 subcommittees that will be reviewing existing standards and developing new standards that, if endorsed by the Scientific Area Committee (SAC), will require vetting. The NIST Quality Infrastructure Committee (QIC), chaired by Karen Reczek, is nailing down the process for that vetting. However, we do understand that the process will either be an in-house canvassing method or, preferably, through an external Standards Development Organization.

Currently, existing relevant U.S. SDOs include the American Society for Testing and Materials (ASTM) and the American Dental Association—there may be others. We intend that the Academy exert some leadership and step in as another option for the OSAC to vet the putative standards. In this way, we will support the OSAC effort by offering an SDO option when other relevant SDOs are not available and where the OSAC committees see us as a valuable alternative. The result is that the Academy can further involve the larger forensic science community in the standards setting process.

Regardless of which SDO or canvass option is used to review the OSAC documents, the process will be expected to adhere to the American National Standards Institute (ANSI) Essential Requirements for due process that include: openness, lack of dominance, balance, coordination and harmonization, notification of standards development, consideration of views and objections, consensus vote, appellate process, written procedures, and compliance with normative ANSI policies and administrative procedures.

The Academy will become an ANSI-accredited SDO, referred to as an ANSI Standards Developer (ASD) and, further, we intend that our products will become American National Standards (ANSs).

The OSAC is now poised to begin to send out putative standards to SDOs. The Academy cannot afford to move slowly and carefully. We must forge ahead briskly, but clearly we are in a steep learning curve. We intend to accept putative standards offerings by this-coming Las Vegas annual meeting in February of 2016.

I have appointed an Ad Hoc SDO Committee, chaired by **Lucy Davis** and including **Ken Ascheim, Sue Ballou, Dave Fowler, Matt Gamette, Jennifer Limoges, Chris Plourd, and Walter Rowe**, as an advisory body overseeing the effort.

We have contracted for the services of Mary McKiel, the former Standards Executive with the U.S. Environmental Protection Agency (EPA), to help us to develop an appropriate process for us and to navigate the ANSI applications process. We are currently seeking Academy staff for this effort.

The LJAF funds will fund us for four years on the condition that we make our standards available to all without cost.

The SDO Committee will give an Academy address on this subject during our Las Vegas Annual Meeting. I hope that you are interested and will come and learn more about this important effort.

The following photos were taken during the 2015 International Educational Outreach Program to Croatia.



*(l to r): Vedran Morner, PhD, Minister of the Science, Education and Sports of the Republic of Croatia; Dragan Primorac, MD, PhD, President, ISABS, AAFS Fellow; John Gerns, MFS, AAFS President-Elect; Robert Barsley, DDS, JD, AAFS Past President.*





*(l to r): Robert Barsley, Dragan Primorac, and John Gerns.*



*Dragan Primorac and Nancy Jackson.*



*(Office of the President of the Republic of Croatia, by Domagoj Opačak)*



*(Office of the President of the Republic of Croatia, by Domagoj Opačak)*

## Policy cont.

- Views Document on AFIS Interoperability
- Recommendation on Root Cause Analysis
- Views Document on Pretrial Discovery of Forensic Materials
- Views Document on Testimony Using the Term “Scientific Certainty”
- Recommendation on Increasing the Supply of Forensic Pathologists
- Recommendation on Electronic Networking of Medical Examiner and Coroner Offices

The NCFS is anticipated to consider the following initial Draft Work Products Open for Public Comment:

- Views Document on Ensuring that Forensic Analysis is Based Upon Task-Relevant Information
- Views Document on Report Content
- Recommendation on Developing a National Forensic Science Curriculum

New OSTP Representative: The President’s Office of Science and Technology Policy (OSTP) representative Tania Simoncelli will be moving on and her spot as the Assistant Director for Forensic Science will be vacant. A new OSTP representative is expected to be announced at the next Commission meeting.

To stay up-to-date on the activities and work products of the Commission, members are encouraged to visit [www.justice.gov/ncfs](http://www.justice.gov/ncfs).

## Transformation: Embracing Change - Anthropology Section cont.

Even those already-established professionals will need to adapt and evolve to remain viable. We all have very complex schedules and lives already: Teaching, casework, research, mentoring, administrative duties, families...and perhaps the occasional hobby or vacation? But we will need to make the time and effort to continue to improve ourselves individually and collectively. We will need to be proactive and aggressive about staying abreast of emerging research, policy decisions, and court rulings that affect our practices. This will involve significant professional development effort including meeting attendance, workshops, seminars, and self-study. Our graduate programs will need to evolve to meet the growing needs of the field and ensure that our students are well-prepared and employable. We will need to remain open-minded and prepared for the next challenge.

We cannot ignore the changes going on within and around our science. But we are familiar with change. And we know there is more to come. We will embrace it and evolve. We are, after all, anthropologists.

## Transformation: Embracing Change

### It’s Time to Lead, Follow, or Get Out of the Way – Criminalistics Section cont.

On another front, the American Association for the Advancement of Science (AAAS) has begun a project on “gap analysis” in the forensic science literature in order to develop a research agenda. One of the first disciplines to be examined is my own discipline of fire investigation. AAAS has also convened committees on latent fingerprints, firearms, and tool marks. Other criminalistics disciplines to be examined in the near future are fibers, foot wear and tire tracks, bloodstain pattern analysis, and hair comparisons. Digital evidence and bitemarks are also slated for review.

AAAS is the publisher of *Science Magazine*, with a circulation of more than 125,000 readers a week. Whatever the outcomes of AAAS’s gap analyses, they will receive wide attention. The July 31, 2015, issue includes a call for forensic scientists to adopt a basic research tool, the blind experiment, as part of their routine practice, implementing Linear Sequential Unmasking (LSU) as advocated by Dr. Itiel Dror and others in the July 2015 issue of the *Journal of Forensic Sciences*.

AAAS has also recently hosted a National Science Foundation-sponsored workshop on “Forensic Science Research Evaluation,” led by AAFS President **Victor Weedn** and George Washington University Professor **Edward Bartick**. The report of that workshop will be published soon.

Yet another new development is the Academy’s decision to establish a Standards Development Organization (SDO). It remains to be seen how the Academy will meet this challenge, but the funding is in place to make it happen. There will surely be more news on this subject at the annual meeting, if not before.

Change is coming and the pace of change seems to be picking up. As leaders of the forensic science profession, Academy members have no choice but to embrace it. Resistance is futile.

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 22, 2016 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 "Quick Links." 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@aaafs.org. Comments must be received by February 5, 2016.

## Applicants

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### ANTHROPOLOGY

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#### Associate Member

Barta, Jodi Lynn, PhD  
Livonia, MI  
Card, Allison M., MSc  
Preston, UNITED KINGDOM  
Dhody, Anna N., MFS  
Philadelphia, PA  
Gray, Alexis A., PhD  
Rancho Cucamonga, CA  
Kang, Longli, PhD  
Xianyang, CHINA  
Lisjak, Rene, PhD  
Kailua, HI  
Milner, George R., PhD  
University Park, PA  
Osborne, Dan, PhD  
Lincoln, NE  
Parks, Connie L., MA  
Quantico, VA  
Reineke, Robin C., PhD  
Tucson, AZ  
Sciotto, Cortland O., BA  
Aiea, HI

#### Trainee Affiliate

Bongiovanni, Rosanne, PhD  
Tampa, FL  
Fu, Carissa  
Boston, MA  
Granite, Guinevere E., PhD  
Greenbelt, MD  
Klein, Aryn, MA  
Scottsdale, AZ  
Moore, Gregory, MS  
Allston, MA

Singer, Patrick D., BS  
Poway, CA

#### Student Affiliate

Bates, Lennon N., BS  
San Marcos, TX  
Bennett, Caitlin  
Burlington, NC  
Cloven, Jasmine, BS  
Central Point, OR  
Dahl, Shawn R., BS  
Fort Myers, FL  
Davis, Tiffany A., BS  
Houston, TX  
Figueroa-Soto, Cristina, MA  
Knoxville, TN  
Goots, Alexis C., BS  
North Olmsted, OH  
Heim, Kelly, MA  
Reno, NV  
Hulse, Cortney N., BS  
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*continued on page 32*

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## In Memoriam

**Ben W. Gibson, DDS** Retired Fellow of the Odontology Section, June 2015  
**Theodore Perros, PhD** Retired Fellow of the General Section, November 2014  
**Robert Sundick, PhD** Retired Fellow of the Anthropology Section, June 2015

## Staff Anniversaries

Congratulations to:

July

Sonya Bynoe, 7 years

August

Cheryl Hunter, 9 years

Samantha Marriott, 1 year



## Young Forensic Scientists Forum Newsletter

### A Letter from the YFSF President

Another summer has come and gone and with it, the AAFS 2016 abstract deadline! If you missed the AAFS Annual Meeting abstract deadline but would still like to present, the YFSF has several opportunities. The YFSF Bring Your Own Slides (BYOS) and the Bring Your Own Poster (BYOP) chairs are accepting abstract submissions through December. For more information on the BYOS and the BYOP sessions and how to submit an abstract, please contact the chairs for these sections.

The YFSF Special Session is a great way to interact and network with professionals and students both in and outside of your field. In addition to the BYOS and BYOP sessions, the YFSF also offers a full-day session on Tuesday and a breakfast session on Thursday. All these events are great ways to meet people and further your career in forensic science.

One important and fast-approaching date is the deadline to submit an application for AAFS membership. All application materials must be received by the Academy by October 1. The YFSF is excited to announce that it will have several officer/program positions open up following the 2016 meeting. In order to serve on the YFSF committee, individuals need to be a member of the Academy effective February 2016. The YFSF is a great opportunity to be more involved in your field and within AAFS. For more information on joining the YFSF committee, please contact [lafr86@gmail.com](mailto:lafr86@gmail.com).

**Lara Frame-Newell, MA**  
YFSF President

### A Note from the YFSF Secretary

It is never too early to start planning your trip to Las Vegas for the AAFS 2016 Annual Meeting. Accommodation information will be available within the coming weeks and will be posted at [www.aafs.org/meetings/2016](http://www.aafs.org/meetings/2016). If you wish to stay at the headquarter hotel, it is important to book early. Additionally, the Forensic Sciences Foundation (FSF) has a travel grant for students presenting at the annual meeting. The application deadline for this award is October 15. Other information can be found at [www.fsf.aafs.org](http://www.fsf.aafs.org).

The YFSF is a great way for young scientists to be involved in the field of forensic science and the Academy. If you have any questions about the YFSF, or our involvement at the Annual Meeting, please contact any of the committee members.

**Brianna Bermudez, BS**  
YFSF Secretary  
[briannabelen@gmail.com](mailto:briannabelen@gmail.com)

**Jacob Griffin, BS**  
YFSF Assistant Secretary  
[jgriff55@lakers.mercyhurst.edu](mailto:jgriff55@lakers.mercyhurst.edu)

**THINGS EVERY YOUNG FORENSIC  
SCIENTIST SHOULD KNOW**  
*Achieving ABMDI Certification*

**Source: Lara Frame-Newell, MA**  
**2015-16 YFSF President**

Within the vast field of forensic science and crime scene investigation is a specialty called “medicolegal death investigation.” Typically, these Medicolegal Death Investigators (MLDIs) work with a medical examiner or coroner’s office.

The general job function of an MLDI is to investigate any death that occurs within their jurisdiction. Many medical examiner and coroner's offices require an MLDI to be American Board of Medicolegal Death Investigators (ABMDI) -certified within a period of time after gaining employment.

There are two types of ABMDI certifications: Registry Certification (basic) and Board Certification (advanced). This article will give an overview of Registry Certification. In order to start the application process to become ABMDI-certified, there are a few requirements that must be fulfilled:

- An application form must be completed (this may be completed online)
- An employment verification form must be completed, showing that the individual has 640 hours of work experience and current employment at a medical examiner or coroner's office with the primary responsibility of death investigation
- A professional reference form
- Completion of a training checklist (provided by ABMDI)

Once application materials are requested, applicants are allotted 18 months to complete their application and sit for the exam. Applications will become inactive if not completed within 18 months.

The registry examination is a 240 multiple-choice exam that covers: general knowledge, technical information, problem solving, interacting with law enforcement and families, demonstration of scientific knowledge and anatomy, ethics, communication, and investigating deaths.

A great resource for studying and understanding what should be expected on the exam is the *Medicolegal Death Investigator* training textbook (Clark, Ernst, Jentzen, and Haglund, 1994). Additionally, there is information on the ABMDI website ([www.abmdi.org](http://www.abmdi.org)).

## **YFSF GENERAL INFORMATION**

### **YFSF Financial Liaison**

Each year during the AAFS Annual Scientific Meeting, the Young Forensic Scientists Forum (YFSF) hosts a Special Session aimed at assisting students and young professionals in the forensic science field. This special session includes a full-day session with speakers, a breakfast session with a résumé review panel, a Bring Your Own Poster Session, and a Bring Your Own Slides Session. Attending these events can motivate and guide those wishing to pursue a career in forensic science. The YFSF is able to hold these sessions each year because of the generous support and financial contributions that we receive from the forensic science community.

The YFSF receives monetary and educational support each year from FEPAC-accredited universities, forensic science vendors, AAFS sections, and AAFS members. Letters and contribution forms have been mailed to FEPAC-accredited universities. In the fall, vendors and AAFS sections will be contacted. This

continued support is essential to the educational and professional successes of young forensic scientists across the country.

If you or your organization is interested in contributing resources to the 2015 YFSF Special Session, please contact Lindsay Saylor.

### **Lindsay Saylor, BS**

YFSF Financial Liaison  
[lindsaysaylor@gmail.com](mailto:lindsaysaylor@gmail.com)

### **YFSF Special Session**

The YFSF is pleased to announce the 2016 YFSF Special Session speakers:

- **Ja'Neisha Hutley**
- **John Nixon**
- **Raymond Miller**
- **Gary Berman**
- **John Allan Williams**
- **Joseph Almog**
- **Joan Bytheway**
- **Helmut Brosz**
- **Linton Mohammed**
- **Alan Price**
- **Nikolas Lemos**
- **J.C. Upshaw Downs**
- **Claire Shepard**
- **Federica Collini**
- **Noelle Umback**

The speakers this year represent a wide range of forensic disciplines including criminalistics, odontology, anthropology, and toxicology. They will present cases in which they were personally involved and in which forensic science was integral in resolving the case. If you have any questions about the YFSF Special Session, please contact [yfsfss@gmail.com](mailto:yfsfss@gmail.com).

### **Sarah Ellis, MS**

YFSF Special Session Chair  
[sarahjellis2@gmail.com](mailto:sarahjellis2@gmail.com)

### **Amanda Hale, MA**

YFSF Special Session Co-Chair  
[arhale@ncsu.edu](mailto:arhale@ncsu.edu)

### **YFSF Breakfast Session**

The YFSF Breakfast Session focuses on professional development for students and new professionals in forensic science. This year, the breakfast session will be using a new format to present information. A panel of professional forensic science experts from each of the different sections of the Academy will present information in a unique setting, themed "Ask the Expert." The panel will answer questions from the audience as well as serve as the résumé review panel. This is a great opportunity for young forensic scientists to have a one-on-one learning experience with an established professional in the field.

If you are an experienced forensic scientist, please consider

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# Young Forensic Scientists Forum Newsletter cont.

serving on the panel as an expert and as a résumé reviewer for the next generation of forensic scientists. If you are interested or would like more information, please contact **Christina Hayes** or **Kelsey Carpenter**.

**Christina Hayes, BS**

YFSF Breakfast Session Chair  
*cgh1184@gmail.com*

**Kelsey Carpenter, BS**

YFSF Breakfast Session Co-Chair  
*kcarpe69@lakers.mercyhurst.edu*

**YFSF Bring Your Own Slides Session**

The YFSF Bring Your Own Slides (BYOS) Session is the perfect opportunity for students and young professionals to present research or casework studies! This unique opportunity allows individuals to enhance their oral communication skills while adding presentation experience to their *curriculum vitae*.

The YFSF is currently accepting submissions through December 1. If you are interested in presenting at the AAFS 68<sup>th</sup> Annual Scientific Meeting, please submit a one-page abstract and CV to *toyfsf.byos@gmail.com*. If you have any questions, please feel free to contact Betzaida Maldonado or Jeremy Manheim.

**Betzaida Maldonado, MSFS**

YFSF Bring Your Own Slides Chair  
*maldonado2990@gmail.com*

**Jeremy Manheim, BS**

YFSF Bring Your Own Slides Co-Chair  
*jmanheim@albany.edu*

**YFSF Bring Your Own Poster Session**

Hello young forensic scientists! The February meeting is just around the corner, which means you should be planning your abstract submission for the YFSF Bring Your Own Poster (BYOP) Session. YFSF BYOP is an ideal opportunity for students and young forensic scientists to share their research and gain invaluable feedback in a comfortable environment. Mentors, please encourage your students to present their term paper,

research project, or interesting case at this year's YFSF BYOP Session. If you missed the August 1 abstract submission deadline for the Academy, the December 1 abstract deadline provides plenty of time for students and young forensic scientists to put together their summer research projects or case write-up.

Interested young professionals should submit a one-page detailed abstract and an abbreviated *curriculum vitae* (CV) by December 1 to *yfsf.postersession@gmail.com*. If you have questions, feel free to email Alicja Lanfear or Rebecca McKerlie.

We look forward to hearing from you!

**Alicja Lanfear, PhD**

YFSF Poster Session Chair  
*alicja.lanfear@mtsu.edu*

**Rebecca McKerlie, BS**

YFSF Poster Session Co-Chair  
*rlmckerlie1@catamount.wcu.edu*

# Meetings & Conferences

## SEPTEMBER 2015

3-5

### **Advance Course in Forensic Anthropology 2015: Imaging and Forensic Anthropology**

Hosted by the Forensic Anthropology Society of Europe (FASE). To be held in Montpellier, France.  
CONTACT: amltcm34@gmail.com

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### **ABC Certification Review Course**

Hosted by ForensicAid, LLC and Bay Path University. To be held in Longmeadow, MA.  
CONTACT: Tiffany Roy  
tiffany.roy@gmail.com

14-16

### **Medicolegal Death Investigation Training Course**

Hosted by the Cuyahoga County Medical Examiner's Office and Case Western University School of Medicine. To be held in Cleveland, OH.  
CONTACT: Daniel Morgan  
dmorgan@cuyahogacounty.us  
(216) 698-4089

21-25

### **Master Facial Reconstruction with Karen T. Taylor**

Presented by FACTS. To be held in San Marcos, TX.  
CONTACT: Sophia R. Mavroudas  
facts@txstate.edu  
(512) 245-1900  
www.txstate.edu/anthropology/facts/workshops/Master-forensic-art.html

## OCTOBER 2015

3-17

### **Forensic Odontology in a Medical Examiner's Office**

Presented by the University of Detroit Mercy School of Dentistry. To be held in Detroit, MI.  
CONTACT: Debra  
(313) 494-6626  
http://dental.udmercy.edu

12-16

### **SAFS/ASTEE 2015 Joint Meeting**

Hosted by SAFS/ASTEE. To be held in Atlanta, GA.  
CONTACT: Diana Williams  
safsastee2015@gmail.com  
(404) 469-7028  
http://southernforensic.org/zonedisplay.asp?ZoneID=77

13-17

### **2015 NEAFS Annual Meeting**

Presented by the Northeastern Association of Forensic Scientists. To be held in Hyannis, MA.  
CONTACT: Erica Nadeau  
presidentelect@neafs.org  
(207) 423-4489  
www.neafs.org/index.php/annual-meeting

## Academy News

26-30

### **International Forensic Photography Workshop**

Hosted by the Miami Dade County Medical Examiner Department. To be held in Miami, FL.  
CONTACT: Heidi Nichols  
hns@miamidade.gov  
(305) 545-2469  
www.miamidade.gov/medicaalexaminer/forensic-photography-training.asp

26-30

### **St. Louis University's 112th Medicolegal Death Investigator Training Course**

Hosted by Saint Louis University SOM, Division of Forensic Pathology. To be held at the Hyatt Regency St. Louis at The Arch.  
CONTACT: M.A. Tersigni-Tarrant or Tammi Mooshegian  
mldi@slu.edu  
(314) 977-7323  
http://medschool.slu.edu/mldi/

## NOVEMBER 2015

2-4

### **Medicolegal Death Investigation Training Course**

Hosted by the Cuyahoga County Medical Examiner's Office and Case Western University School of Medicine. To be held at the Cuyahoga County Medical Examiner's Office in Cleveland, OH.  
CONTACT: Daniel Morgan  
dmorgan@cuyahogacounty.us  
(216) 698-4089

2-6

### **40 Hour Basic Crime Scene Course**

Hosted by the Suffolk Police Department. To be held in Suffolk, VA.  
CONTACT: Lurena Huffman  
lhuffman@suffolkva.us  
(757) 514-7940

9-13

### **Bugs, Bones and Botany**

Hosted by the William R. Maples Center for Forensic Medicine at the University of Florida. To be held at the Best Western Gateway in Gainesville, FL.  
CONTACT: Vickie Maloney  
vmaloney@pathology.ufl.edu  
(352) 265-9940  
http://maples-center.ufl.edu

16-20

### **Advanced Bloodstain Pattern Analysis Workshop**

Hosted by the Northeast Forensic Training Center. To be held in Bethlehem, PA.  
CONTACT: Toby L. Wolson  
toby.wolson@gmail.com  
(305) 336-2219

AAFS promotes the advancement of the Forensic Sciences and Forensic Scientists

### AAFS Benefits

Your inclusion in the AAFS will give you access to the most talented forensic scientists in the nation via personal contact, workshops, seminars, and the AAFS Annual Scientific Meeting, to be held February 22-27, 2016, in Las Vegas, NV.

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

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

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

For more information:

Phone: (719) 636-1100

Fax: (719) 636-1993

New Applicant Services Only:

(800) 701-AAFS

Email: [membership@aafs.org](mailto:membership@aafs.org)

Website: [www.aafs.org](http://www.aafs.org)

## 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 2016 Annual Meeting registration packet. Please detach form and return to AAFS. Thank you.

Your name: \_\_\_\_\_



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