A few words on some important decisions since the last newsletter are in order. The American Academy of Forensic Sciences has settled a federal lawsuit brought by a former member of its Questioned Documents Section, James A. Blanco, who was expelled from the Academy in 2008, following an ethics investigation. The settlement brings an end to proceedings that began in 2006 when an ethics complaint was filed against Mr. Blanco. The Board of Directors deliberated long and hard, and with due diligence, in reaching an agreement which we believe is in the best interests of the Academy, not for a week, a month or even a year, but rather, long term. The Board examined the issues from every angle, considered the ramifications of the alternatives, carefully weighed the options and the advice of its counsel, and then resolved to enter into a settlement. This was not an easy decision for the Board and was one of those instances when the Board’s vote was not unanimous. While I recognize that it is a matter upon which reasonable minds might disagree, the vote of the Board demonstrates the overwhelming support for the decision and the resulting actions described later in this message.

On June 13, 2008, following an evidentiary hearing, the Academy’s Ethics Committee found clear and convincing evidence that Blanco had violated Section 1(a) of the Academy’s Code of Ethics and Conduct by submitting an erroneous and misleading report to be used in the judicial process, thereby diminishing confidence in forensic scientists and their disciplines. The Ethics Committee also found, by clear and convincing evidence, that Blanco had violated Section 1(c) of the Code of Ethics and Conduct by knowingly misrepresenting the data used to arrive at the conclusions in his report. As a result, the Ethics Committee recommended that Blanco be expelled from the Academy. And in September 2008, the Board voted to accept the recommendation of the Ethics Committee. The settlement of the Blanco suit in September 2010 did not undermine the decision of the Ethics Committee or the Board decision in September 2008. The Board’s actions a few weeks ago produced a decision eliminating any uncertainty in the result. It is possible that a lengthy litigation process would not have produced those same results. At the same time the Academy’s assets are protected. Keep in mind that the records of what transpired in this case are permanent and available in the public domain, and they document the sequence of every step in this process. There should be little uncertainty in reasons for the settlement agreement.

continued on page 3

ATTENTION ALL MEETING REGISTRANTS!

The 2011 AAFS Annual Scientific Meeting Pre-Registration Form is provided in this issue of the Academy News, on page 12. Attendance at all special functions (breakfast seminars, luncheons, special sessions, and workshops) is by pre-registration only.

The deadline for pre-registration is January 26, 2011. The deadline is firm.

To ensure your full participation, don’t delay! Send in your registration form today, or go to the AAFS website (www.aafs.org) and register online! Pre-registration forms received after January 26, 2011, will be processed as on-site registrations which will VOID your registration/attendance for ALL special functions (breakfasts, luncheons, workshops, and special sessions).
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Future AAFS Annual Meeting Dates

February 20-25, 2012
Atlanta Marriott Marquis
Atlanta, GA

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

February 15-20, 2016
Rio Las Vegas Hotel
Las Vegas, NV

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

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

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Kurt M. Dubowski to Receive Gradwohl Medallion

The American Academy of Forensic Sciences Board of Directors is very pleased to announce that Kurt M. Dubowski, PhD, Fellow in the Toxicology Section, has been named R.B.H. Gradwohl Laureate—the Academy’s highest honor. Dr. Dubowski will receive the Gradwohl Medallion during the Annual Business Meeting in Chicago, IL, on Wednesday, February 23, 2011.

The Gradwohl Medallion is conferred upon only those persons who have attained exceptional distinction in the advancement of the forensic sciences, who have given outstanding service to the AAFS over a long period of time, and who have achieved outstanding recognition in a public position through service to the forensic science profession. Gradwohl Laureates are not named regularly, but rather only when recognizing an individual of exceptional distinction. Since the award was established in 1974, only 11 other professionals have been given the honor.

Three Distinguished Fellow Awards to be Presented in Chicago

The AAFS Board of Directors has named three 2011 Distinguished Fellows who will be recognized for their contributions to the Academy and to the profession during the 63rd Annual Meeting in Chicago, IL. Mary Fran Ernst, BLS, Fellow in the General Section; Patricia J. McFeeley, MD, Fellow in the Pathology/Biology Section; and Richard Rosner, MD, Fellow in the Psychiatry & Behavioral Science Section, will be conferred with the honor of “Distinguished Fellow” during the Annual Business Meeting in Chicago on Wednesday, February 23, 2011.

President’s Message cont.

Section 1 of the settlement agreement reads:

**Vacation of Expulsion and Resignation.** The parties agree to the following: (1) AAFS hereby vacates its September 16, 2008 expulsion order of the Board of Directors of AAFS; (2) Simultaneously with AAFS’s vacating of its September 16, 2008 expulsion order, Blanco’s resignation from the AAFS will deemed to have been tendered and accepted; and (3) Blanco will never reapply for membership in the AAFS in the future.

No money was paid to anyone in this settlement, nor were any Ethics Committee findings overturned or vacated.

While I can understand the opinions of some regarding the whys and wherefores of the Board’s decision, I believe that the Board acted in the best interests of the membership by concluding this litigation. The sequence of events concluded with the exact same result (termination of membership) that would have been hoped for had the lawsuit continued over a period of years.

Finally, I want to again thank the Board for the collective wisdom and courage displayed in bringing this issue to closure. Any group of leaders can function when difficult decisions are not a part of their responsibilities. In this instance, the decision was difficult and required resolve because we knew that the resulting settlement would not be popular in the minds of many. At the same time we realized that the decision was in the best long-term interest of the welfare of the Academy. And while there will always be those who disagree and dissent, which is their right and one which I will always support, at the same time I will always believe that the correct decision was made in this instance.

As we prepare for the upcoming meeting, I look forward to seeing everyone again in Chicago in February for more important discussions, in both formal and informal sessions. This has been a challenging year for forensic science professionals in all disciplines; however, it has been a year in which we have had a unique opportunity to think about what we must do to strengthen our role in the judicial process. I appreciate the letters of support which I have received throughout the year. I also appreciate and respect those with dissenting points of view. When asked why I do not respond directly to those with opposing views, my thought processes remain unchanged: those with opposing viewpoints have the same rights as I have in expressing their opinions. In the end, I believe that the truth (there’s that term which keeps coming up again) will always prevail. Words matter; however, repetition is not the determining factor in the veracity of an argument. Time is the determining factor, and patience will always trump bravado in seeking the best ways to advance our profession, especially in these times when too many claim to be “experts in all things forensic.”

The 2010 AAFS International Educational Outreach Program visit to France was a great success. Eric Baccino, a Fellow in the Pathology/Biology Section, was instrumental in making our visit to France one of the most beneficial the Academy has ever experienced. This visit served as a continuation of the friendship and cooperation between the forensic science and judicial communities in France and the United States. To Dr. Baccino and our colleagues in France, I extend a special thank you for the fond memories and educational opportunities during our nine days in your beautiful country.

The Board of Directors has accepted a recommendation of the Executive Committee based on a committee report to remind members that they should cite Academy membership when speaking in public. At the same time, when this happens, statements by Academy membership must not be misconstrued as speaking for the Academy, which is allowed only by the President and President-Elect.

Academy News
In Memoriam: AAFS Past President Homer R. Campbell, Jr., DDS

It is with sadness to report that AAFS Past President Homer R. Campbell, Jr., DDS, passed away on his 79th birthday, September 23, 2010. Dr. Campbell is survived by his wife, Karen (Fellow, General Section), and his children Robert Campbell, Randy Campbell, Amy Campbell Baca and Ray Baca, Frank Campbell, and Rachel Tolber.

Dr. Campbell obtained his education from Baylor University (DDS) and was a practicing dentist for 36 years. He served as an Associate Professor for the Department of Pathology at the University of New Mexico School of Medicine in Albuquerque.

Dr. Campbell was elected into AAFS membership in 1975 and quickly became active on several AAFS committees including the Odontology Section Program Committee, the Executive Committee, the Board of Directors, the Long Term Planning Committee, the Internal Audit Committee, and the Nominating Committee. His service to AAFS continued as AAFS Treasurer, AAFS Vice President, and AAFS President in 1991-1992. Dr. Campbell also served as a Trustee on the Forensic Sciences Foundation and as a member of the Journal of Forensic Sciences Editorial Board.

Dr. Campbell served as a Drill Sergeant in the United States Marines, retired as a Captain in the United States Navy, and spent many years in the Naval Reserves. He served as a consultant for the New Mexico State Office of the Medical Investigator as well as an advisor to the Armed Forces Medical Examiner at the Armed Forces Institute of Pathology in Washington, DC. He served as a member of the Association of Military Surgeons and the International Society of Forensic Odonto-Stomatology, and was a Diplomate of the American Board of Forensic Odontology (ABFO).

Outdoor sports were a lifelong passion for Dr. Campbell. His family would be honored if friends would choose to make contributions to a charity of their choice.

Register For the AAFS Annual Scientific Meeting Online at www.aafs.org

The AAFS 63rd Annual Scientific Meeting is just three months away and the AAFS staff is busily preparing the printed materials for the Advance Program, scheduled to be mailed in late November. The same information will be posted to the AAFS website (www.aafs.org) in early November - just follow the meeting link! All program information will be available on the web, and AAFS will continue to update the website information weekly, even after the paper copy is mailed, so you’ll want to check www.aafs.org for the most accurate and up-to-date meeting materials. You will be able to view, download, and print the .pdf session descriptions directly from the web. Best of all, you will be able to register online at the same time! Through the secure server, this is a safe and convenient way to register. Don’t forget the pre-registration deadline is January 26, 2011!
In early September, I traveled to Istanbul, Turkey for a Board meeting of the International Academy of Legal Medicine (IALM). The purpose of the trip was to prepare for the planned 22nd Conference of the IALM that will take place in Istanbul, July 4-7, 2012. Although I was the only participant from the Americas, I found myself in remarkable international forensic company. Included in addition to representatives from Switzerland, Spain, Germany, Finland, Ireland, Italy, and Japan were AAFS members Mete Gülmen (our local host from Turkey), IALM President Duarte Nuno Vieira (Portugal), Bertrand Ludes (France), Stephen Cordner (Australia), and Eric Baccino (France). Discussion focused on the logistics and planned thematic content of the 2012 IALM gathering. From my perspective, this conference should be truly excellent, presenting diverse scientific sessions, workshops, and themes within a very functional facility in a remarkable city. If your forensic interests are at all close to legal medicine, mark your calendar for Istanbul in July, 2012. You will not be disappointed.

As with most academic gatherings, discussions in Istanbul were not confined solely to the announced planning agenda. Over excellent food, drink, and travel (including a cruise on the Bosphorus that you will not want to miss when you visit Istanbul), research, methodology, and international practices of the forensic sciences were explored. These conversations once again impressed on me the international nature of the forensic sciences. The challenges we face and advances we sustain in the forensic sciences are not confined by national borders. Internationally, we all have a stake in making our science as robust as possible and sharing what we have learned.

While you are marking your calendars, also note the planned gathering of the International Association of Forensic Sciences (IAFS) meeting in Funchal-Madeira, Portugal, September 12-17, 2011. We have selected this meeting and Portugal for the 2011 AAFS International Educational Outreach Program. Working closely with IAFS President Duarte Nuno Vieira, we have planned an extraordinary experience for participants. AAFS members traveling with the Outreach Program will be invited to present at a special AAFS Session at the IAFS meeting focusing on topics relating to our international theme for 2011-2012. Following the IAFS meeting we will tour laboratories and facilities at several different cities in Portugal and of course experience the excellent food, wine, and historical sites along the way. Details of this planned excursion will be announced soon, and I hope that many of you will consider joining us.
In past articles I’ve discussed oversight, but another compelling issue facing the forensic science community is the need for additional crime laboratory funding. It is an ongoing story. In some cases, victim advocates have taken matters in their own hands. I’ve been following this recent development. During the past few months there has been an increased interest in sexual assault evidence backlogs – certainly not a new story. Pressure from advocate groups has gotten some states to propose legislation that all sexual assault evidence be tested for DNA and the results uploaded to CODIS.

Advocacy groups have been responsible for calling the backlog of rape cases issue to the attention of State legislatures, the Congress, and the media to demand action. As a result, some labs now examine all sexual assault evidence and in some locales, rape cases are tested without any preliminary police screening.

It’s not a stretch to buy into the rationale to test all rape evidence, although some rightly argue that with limited resources, testing cases where the identity of the assailant is not an issue squanders time and limited resources. Naturally, those in favor contend that testing all cases might turn up individuals who are habitual offenders and thus worth the cost.

I’ve considered the backlog of unexamined rape kits to be our dirty little secret. Consider the crime of rape from the victim’s perspective. She’s been raped. Next, she is interviewed by the police and asked all the sordid details of the assault. She is then taken to a hospital where she is subjected to a comprehensive physical and forensic examination, which includes collecting sexual assault evidence. These actions certainly must have a major psychological impact on victims. Rape treatment centers do an exceptional job of collecting and documenting evidence. But when the evidence is placed in an evidence locker and nothing further happens, how might a rape victim feel if she knew? A rape victim has every reason to believe that the criminal justice system is doing its part to bring her perpetrator to justice. When the realization strikes that nothing has happened with the evidence collected in a case, it must feel as if she’s been victimized all over again.

Some victims and their families have come to realize the realities of crime lab backlogs and are pressing their elected officials to do something, as well they should.

In a perfect world, all rape evidence and for that matter, all evidence collected in criminal investigations should be examined in a timely fashion. Sadly, there just aren’t enough resources to do each and every case.

What troubles me about the push to have all biological evidence examined for DNA is that not all cases have DNA evidence. Many cases can be solved by means of fingerprints – in fact, fingerprints identify many more criminals than DNA evidence. In many cases there is no DNA evidence available but there may be firearms evidence or trace evidence, which could aid in the investigation except labs have backlogs in these cases as well.
Reliable, Relevant and Valid Forensic Science: Eleven Sections—One Academy

View From the Digital & Multimedia Sciences (DMS) Section

Source: David W. Baker, MFS, DMS Section Chair; Douglas S. Lacey, DMS Section Secretary; and Michael Piper, BA, DMS Section

Academy President, Joseph Bono, asked each section to include an article in the Academy News and describe how the section applies the Academy’s current theme: “Relevant, Reliable and Valid Forensic Science: Eleven Sections—One Academy.” The Digital & Multimedia Sciences (DMS) Section is the newest in the Academy, and covers several disciplines previously covered by other sections. Some of our disciplines are relatively new, when compared to those such as pathology or toxicology, and as a new section, our membership is considerably smaller than most other sections, although most of the disciplines already existed for years within other sections.

The DMS Section has grown from 43 members in 2008, to 65 in 2009, and now to 76 members. In a very short time we’ve nearly doubled our membership. A comparison could be drawn between this growth and the challenges facing the members of our section due to the rapid advancements of technology. For those familiar with computing technology, a common reference is to Moore’s law, concerning the number of transistors that can be affordably placed on an integrated circuit (the building block of computers and computer systems), and Gordon Moore postulated this number doubled every two years.1,2 This has proven true for the capabilities of many digital devices including processor speed, capacity of memory, hard disk/storage capacity, and sensor quality (such as the number of pixels in digital camera3). The cycle of growth in technology has made devices smaller, faster, and less expensive, resulting in the ubiquitous nature of these devices in everyday life. Consequently, this has resulted in such devices being involved in investigations and other legal inquiries. We face an ever growing set of challenges to adequately examine the myriad of devices available to the average person, and the data generated by such devices, stored within such devices, and/or transmitted by such devices.

In order to meet these challenges, and to ensure our disciplines are meeting the requirements of good science, many of our section members are actively engaged, not only in the Academy, but in other organizations seeking to advance the state of the practice in our disciplines and have actively published in a variety of journals applicable to the field. A small sample of papers published in the Journal of Forensic Sciences alone since our section formed is as follows:

- “Virtual Reality and 3D Animation in Forensic Visualization” (Minhua Ma, Huiru Zheng and Harjinder Lallie) [September 2010]
- “Measurement Uncertainty When Estimating the Velocity of an Allegedly Speeding Vehicle from Images” (Bart Hoogeboom and Ivo Alberink) [September 2010]
- “Pore Sub-Features Reproducibility in Direct Microscopic and Livescan Images—Their Reliability in Personal Identification” (Abhishek Gupta and Raul Sutton) [July 2010]
- “Investigation Delayed Is Justice Denied: Proposals for Expediting Forensic Examinations of Digital Evidence” (Eoghan Casey, Monique Ferraro and Lam Nguyen) [November 2009]
- “Body Height Measurements in Images” (Bart Hoogeboom, Ivo Alberink and Mirelle Goos) [November 2009]
- “Forensic Terrestrial Photogrammetry from a Single Image” (Diego Gonzalez-Aguilera and Javier Gomez-Lahoz) [November 2009]
- “Source Camera Identification for Heavily JPEG Compressed Low Resolution Still Images” (Erwin J. Alles M.Sc., Zeno J. M. H. Geradts Ph.D., Cor J. Veenman Ph.D.) [May 2009]
- “Individual Camera Identification Using Correlation of Fixed Pattern Noise in Image Sensors” (Kenji Kurosawa Ph.D., Kenro Kuroki Ph.D., Norimitsu Akiba Ph.D.) [May 2009]
- “Identification of an Eccentricity in the Date/Time Metadata of a PAL MiniDV Recording” (Douglas S. Lacey and Bruce E. Koenig) [November 2008]

continued on page 28
A Word From Your 2011 Program Chair

One of John Gerns and my objectives this year was to support communication between the Academy’s sections and chairs and co-chairs of the annual meeting program committees. Not a unique thought considering the theme of the 2011 meeting: Relevant, Reliable and Valid Forensic Science: Eleven Sections—One Academy. Our desire was to ensure an appropriate support system was in place to make the most of the Academy’s talent.

The sections’ program chairs and co-chairs did a remarkable job supporting one another in the formation of the 2011 program. Like any polished program the end product is a result of hours of planning, dedication, and attention to detail. The section chairs and co-chairs have deliberated over your submissions, and, through inter-section communication, have ensured the selected papers and posters are representative of applicable technology and current issues. Submissions for the breakfasts, luncheons, poster, special sessions, and workshops also underwent extensive scrutiny before selections were finalized.

John and I have been in discussion with AAFS President, Joe Bono, and Lucy Davis and Christine Funk, Plenary Chair and Co-Chair respectively, to identify a topic for the Wednesday morning Plenary Session. Although many of us may cringe at hearing the words “NAS Report,” it is blatantly apparent we have not yet felt the full effect of the report. There is a ground swell in the judicial process and many of us have or will be confronted with the issues when testifying. On a daily basis we should be wondering how the judicial decisions related to the NAS Report will affect our work or what must we do to defend our expertise. Therefore, we will be applying a common Webster’s definition of forensic—“an argumentative exercise”—to the Wednesday morning Plenary Session. The argumentative exercise or debate will be conducted between two powerful speakers, highly knowledgeable on the affects of the NAS Report. The speakers, Rockne Harmon and Peter Neufeld, are two well versed attorneys who have agreed to debate this topic and respond to specific questions during the session. This debate will allow those in attendance an opportunity to gain a broader understanding of the judicial aspects and to learn from the speakers’ experiences.

I expect and propose that this program will be a stellar start to another meeting culminating the hard work and dedication conducted by your colleagues, the Academy staff, and, most importantly, you.
2011 Workshops Announced

Twenty-four workshops have been accepted for the 2011 AAFS Annual Scientific Meeting, offering a wide range of topics. Workshops are an excellent means to meet your continuing education needs while maintaining and expanding your knowledge of your specific forensic discipline. Many workshops have limited registration, so complete the pre-registration form on page 12 today!

**Monday — February 21**

1. **#1** 8:30 a.m. - 12:30 p.m. Tips and Tricks to Improve the Interpretative Value of Postmortem Toxicology  
   *Chair: Michele Merves, PhD*; *Co-Chair: Jayne E. Thatcher, BS*

2. **#2** 8:30 a.m. - 4:30 p.m. Identifying and Managing Errors in Case Analysis: Introduction to Human Error Analysis  
   *Chair: Susan M. Ballou, MS*; *Co-Chair: Karen S. Runyon, BA*

3. **#3** 8:30 a.m. - 5:00 p.m. Communication in Forensics  
   *Chair: Ruth E. Kohlmeier, MD*; *Co-Chair: Joshua A. Perper, MD*

4. **#4** 8:30 a.m. - 5:00 p.m. Staged Crime Scenes: Crime Scene Clues to Suspect Misdirection of the Investigation  
   *Chair: Arthur S. Chancellor, MA*; *Co-Chair: Grant D. Graham, MFS*

5. **#5** 8:30 a.m. - 5:00 p.m. Bones and Children: An Interdisciplinary Approach to Forensic Issues  
   *Chair: Andrew M. Baker, MD*; *Co-Chair: Laura C. Fulginiti, PhD*

6. **#6** 8:30 a.m. - 5:00 p.m. Fracture Match of Papers, Tapes, and Miscellaneous Materials for Document Examiners  
   *Chair: Robin K. Hunton, BA*; *Co-Chair: Judy A. Gustafson, BS*  
   Registration is limited to the first 30 registrants.

7. **#7** 8:30 a.m. - 5:30 p.m. Psychiatry and Behavioral Sciences for Lawyers and the Courts: A Crash Course  
   *Chair: Vivian Shnaidman, MD*; *Co-Chair: Karen B. Rosenbaum, MD*  
   Registration is limited to the first 50 registrants.

8. **#8** 9:00 a.m. - 12:00 p.m. Method Validation and Estimating the Uncertainty of Measurements in the Modern Forensic Laboratory for Compliance With ISO/IEC 17025:2005  
   *Chair: Terry Mills, MS*; *Co-Chair: Sudhir K. Sinha, PhD*

9. **#9** 9:00 a.m. - 4:00 p.m. Identification of Animal Hairs  
   *Chair: Skip Palenik, BS*; *Co-Chair: Christopher S. Palenik, PhD*  
   Two-day workshop (Monday & Tuesday). Registration is limited to the first 15 registrants.

10. **#10** 9:00 a.m. - 4:30 p.m. Quality Assurance in Human Identification  
    *Chair: Vincent J. Sava, MA*; *Co-Chair: John E. Byrd, PhD*

11. **#11** 9:00 a.m. - 5:00 p.m. Microscopy Workshop for Trace Evidence Examiners and Forensic Serologists  
    *Chair: Richard E. Bishing, BS*; *Co-Chair: William L. Chapin, BA*  
    Two-day workshop (Monday & Tuesday). Registration is limited to the first 75 registrants.  
    One-third of the registered attendees will participate in the lab portion of the workshop on Monday afternoon; one-third on Tuesday morning; and one-third on Tuesday afternoon.  
    Workshop faculty will make the determination of which participants attend which lab session.

12. **#12** 1:00 p.m. - 5:00 p.m. Grief - Forensic Practice and Family Interaction  
    *Chair: Gregory G. Davis, MD*; *Co-Chair: Daniel W. Dye, MD*  
    Registration is limited to the first 100 registrants.

**Tuesday — February 22**

13. **#13** 8:30 a.m. - 12:00 p.m. Indentation Sequencing Workshop  
    *Chair: Brian S. Lindblom, BA*; *Co-Chair: Larry A. Olson, MFS*  
    Registration is limited to the first 30 registrants.

14. **#14** 8:30 a.m. - 12:00 p.m. Images in the Courtroom: The Impact of SWGTT Guidelines in Court  
    *Chairs: Carl R. Knigol, MA*; William Oliver, MD, MPA*; *Co-Chair: Richard Vorder Bruegge, PhD*  
    continued on page 10
2011 Workshops cont.

#15 8:30 a.m. - 12:15 p.m. Veterinary Forensic Sciences: Animals as Evidence  
Chair: Jason H. Byrd, PhD*; Co-Chair: Melinda D. Merck, DVM*

#16 8:30 a.m. - 5:00 p.m. Sex-Related Homicide and Death Investigation: Significance of Pornography, Sexual Deviance, Autoerotic Fatalities, Investigative and Behavioral Analysis, Signature, and MO  
Chair: Vernon J. Geberth, MS*; Co-Chair: Peter I. Collins, MD*

#17 8:30 a.m. - 5:00 p.m. DNA Mixture Analysis: Principles and Practice of Mixture Interpretation and Statistical Analysis Using the SWGDAM STR Interpretation Guidelines  
Chairs: John M. Butler, PhD*; Michael D. Coble, PhD*; Co-Chair: Todd W. Bille, MS*

#18 8:30 a.m. - 5:00 p.m. K2 and Beyond: A Synthetic Cannabinoid Primer  
Chair: Sherri Kacinko, PhD*; Co-Chair: Lindsay Reinhold, MFS*

#19 8:30 a.m. - 5:30 p.m. Monitoring Conditions of Detention and Documenting Torture: An International Perspective  
Chair: Duarte N.P. Vieira, PhD*; Co-Chairs: Morris Tidball-Binz, MD*; Patrice Mangin, PhD*

#20 1:00 p.m. - 5:00 p.m. Forensic Multimedia Analysis  
Chair: Zeno J. Geradts, PhD*; Co-Chair: Richard Vorder Bruegge, PhD*

#21 1:00 p.m. - 5:00 p.m. Blood Alcohol Concentration (BAC) Evidence: Extrapolation, Interpretation, and Testimony in the Post-NAS Era  
Chair: A.R.W. Forrest, LLM*; Co-Chair: Roderick T. Kennedy, JD*

#22 1:00 p.m. - 5:00 p.m. Introduction to Expert Witness Testimony  
Chair: Thomas J. David, DDS*; Co-Chair: Haskell M. Pitluck, JD*

2011 Special Sessions - Pre-Register Today!

TUESDAY – FEBRUARY 22

S1 8:30 a.m. - 5:00 p.m. **Interdisciplinary Symposium**  
Eleven Sections: One Academy — Current Perspectives on the State of Relevant, Reliable, and Valid Forensic Science in a Multidisciplinary Context  
Chair: Laura C. Fulginiti, PhD; Co-Chair: Stephanie Domitrovich, JD, PhD

S2 8:30 a.m. - 8:00 p.m. **Young Forensic Scientists Forum**  
Interdisciplinary Approaches to Solving Crimes in Forensic Science  
Chair: Jenna L. Oakes-Smith, MFS; Co-Chair: Amanda G. Kittoe, BA

2011 Evening Sessions - Open to All Registered Attendees

TUESDAY – FEBRUARY 22

ES1 8:00 p.m. - 10:00 p.m. Relevant, Reliable, and Valid Forensic Science — Application and Utilization in Pre-Trial Case Analysis and Trial Testimony  
Cyril H. Wecht, JD*; Michael Welner, MD*; Henry C. Lee, PhD*

Friday — February 25, 2011

ES2 8:00 p.m. - 10:00 p.m. An Interdisciplinary Symposium on the Re-Investigation of the Death of Emmett Till  
Sandra Koch, MFS*; Richard M. Thomas, PhD*; Douglas H. Ubelaker, PhD*; Edmund R. Donohue, MD*; Simeon Wright, NA*; John E.B. Stewart, PhD*; J. Scott Denton, MD*; Douglas Seccombe, BA*; Dale R. Killinger, BA*
Prepare yourself for breakfast because you will not want to miss these great seminars (pre-registration only) arranged by Chair Paul Singer. You will enjoy a wonderful breakfast — buffet style — with fresh fruit, muffins, and dry cereal, in addition to ham, bacon, sausage, scrambled eggs, hash browns, pastries, juices, coffee, tea, and milk. Breakfast is from 7:00 a.m. to 7:25 a.m., with the special presentation scheduled to conclude at 8:30 a.m., just in time to join your colleagues for the scientific sessions.

**Tuesday — February 22**

**B1** 7:00 a.m. - 8:30 a.m.  Psychology of Homicide: What Every Forensic Scientist Should Know About Homicidal Behavior  
*Emanuel Tanay, MD*

**Wednesday — February 23**

**B2** 7:00 a.m. - 8:30 a.m.  Coping With the CSI Effect: From the Perspective of a Career—CSI The Horrific, The Outrageous, and The Amusing  
*Thomas L. Martin, BS*

**B3** 7:00 a.m. - 8:30 a.m.  Lightning Strikes Twice: The Case of a Femme Fatale  
*Robert J. Morton, MS*

**Thursday — February 24**

**B4** 7:00 a.m. - 8:30 a.m.  Internationalization of Forensic Science Disciplines: Why Certification is Necessary in Forensic Anthropology  
*Eugenia Cunha, PhD*; *Ann H. Ross, PhD*; *Erin H. Kimmerle, PhD*; *Laurent Martrille, MD*; *Eric Baccino, MD*; *Cristina Cattaneo, PhD*; *Jose P. Baraybar, MSc*

**B5** 7:00 a.m. - 8:30 a.m.  Quincy vs. Ducky: Scalpels at Dawn — An American Forensic Pathologist and a British Home Office Pathologist Square Off  
*Wendy M. Gunther, MD*; *Stuart J. Hamilton, MB ChB*

**Friday — February 25**

**B6** 7:00 a.m. - 8:30 a.m.  Thomas Krauss Memorial Bitemark Breakfast: Criminal Profiling — With a Little Help From My Friends  
*Dayle L. Hinman, BS*

**2011 Luncheon Seminars**

An educational venue is being offered again at the 2011 AAFS Annual Scientific Meeting in the form of Luncheon Seminars. The luncheons will follow the same model of the breakfast seminars, with the presentations focusing on intellectually challenging and stimulating topics. Don’t miss this opportunity to have lunch with colleagues from various disciplines and to listen to the presentations. The luncheons are available by pre-registration only. See page 12 to register!

**Thursday — February 24**

**L1** 12:00 p.m. - 1:30 p.m.  The Psychological Autopsy: Its History, Applications, and Legal Ramifications  
*James P. Cho*; *Scott Bresler, PhD*; *Carl N. Edwards, JD, PhD*

**Friday — February 25**

**L2** 12:00 p.m. - 1:30 p.m.  Forensic Jeopardy  
*Carl Wigren, MD*
1. REGISTRATION INFORMATION  (Please print or type all information)

Name _______________________________  Agency ______________________________

Badge Name Preference (one degree only) ______________________________

Address ______________________________  State ___________  Zip ___________  Country ___________

City ______________________________  State ___________  Zip ___________  Country ___________

Phone ( ) ___________________________  Fax ( ) _________________

Email _______________________________  AAFS Member No. __________________________

Spouse attending? □ Yes  □ No  Spouse Name ______________________________

First AAFS Meeting? □ Yes  □ No  Hotel where staying ______________________________

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

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

2. REGISTRATION FEES - SCIENTIFIC SESSIONS

To be pre-registered, your registration, change, or replacement must be received at AAFS by January 26, 2011. After this date, all registrations will be processed as on-site registrations.

- - The deadline is firm. - -

All requests for cancellation must be made to the AAFS headquarters in writing via mail or email. Phone and faxed cancellations are not accepted. Cancelled registration fees will be refunded as follows: Prior to Dec. 1 - full refund less $25 admin. fee; Dec. 1-31 / 75%; Jan. 1-31 / 60%; Feb. 1-7 / 50%.

No refunds after February 7, 2011.

Check Fee Category

Prior to Jan. 26 Pre-Registration On-Site

- 1. AAFS Members & Trainees $275 $400
- 2. Applicants $275 $400
- 3. Non-Member Trainees $275 $400
(Required if you have your completed registration form with AAFS Office.)
- 4. IAI Members $275 $400
- 5. AFTE Members $275 $400
- 6. Non-Members $425 $495
- 7. AAFS Retired Fellows $-0-$-0-$100 $125
- 8. Full-Time Students $100 $125
(Must be full-time student. If non-AAFS member, must provide copy of Spring 2011 class schedule.)

9. Daily Registrants $135/day $150/day

□ WED  □ THURS  □ FRI  □ SAT

10. Workshops Only

□ Receives Reception Beverage Ticket.

Subtotal $ __________________________

3. REGISTRATION FEES - SPECIAL FUNCTIONS

Registration form must be received by January 26, 2011, in order to attend Special Functions. There will be no on-site registration for the following Special Functions.

<table>
<thead>
<tr>
<th>EVENT</th>
<th>CODE</th>
<th>PRICE</th>
<th>QTY.</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>TU Psychology of Homicide</td>
<td>B-1</td>
<td>$44</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>W Coping With the CSI Effect</td>
<td>B-2</td>
<td>$44</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>W Lightning Strikes Twice: The Case of a Female Fatality</td>
<td>B-3</td>
<td>$44</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>TH Internationalization of Forensic Science Disciplines</td>
<td>B-4</td>
<td>$44</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>TH Quizzy vs. Ducky: Scalpels at Dawn</td>
<td>B-5</td>
<td>$44</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>FR Tom Krauss Bitemark Breakfast</td>
<td>B-6</td>
<td>$44</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>TH The Psychological Autopsy</td>
<td>L-1</td>
<td>$55</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>FR Forensic Jeopardy</td>
<td>L-2</td>
<td>$55</td>
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- Section Business Luncheons

<table>
<thead>
<tr>
<th>EVENT</th>
<th>CODE</th>
<th>PRICE</th>
<th>QTY.</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>W Digital &amp; Multimedia Sciences Section Bus. Lunch</td>
<td>L-3</td>
<td>$55</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>W General Section Business Luncheon</td>
<td>L-4</td>
<td>$55</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>W Jurisprudence Section Business Luncheon</td>
<td>L-5</td>
<td>$55</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>W Pathology/Biology Section Business Luncheon</td>
<td>L-6</td>
<td>$55</td>
<td>____</td>
<td>$ ______</td>
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</tbody>
</table>

- Special Sessions

<table>
<thead>
<tr>
<th>EVENT</th>
<th>CODE</th>
<th>PRICE</th>
<th>QTY.</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>TU Interdisciplinary Symposium</td>
<td>S-1</td>
<td>$25</td>
<td>____</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU Young Forensic Scientists Forum</td>
<td>S-2</td>
<td>$100</td>
<td>____</td>
<td>$ ______</td>
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</table>

- Workshops

<table>
<thead>
<tr>
<th>EVENT</th>
<th>CODE</th>
<th>PRICE</th>
<th>QTY.</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>M Tips &amp; Tricks to Improve the Interpretative Value</td>
<td>W-1</td>
<td>$125</td>
<td>$150</td>
<td>$ ______</td>
</tr>
<tr>
<td>M Identifying &amp; Managing Errors in Case Analysis</td>
<td>W-2</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>M Communication in Forensics</td>
<td>W-3</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>M Staged Crime Scenes</td>
<td>W-4</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>M Bones and Children</td>
<td>W-5</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>M Fracture Match of Papers, Tapes &amp; Miscellaneous Material</td>
<td>W-6</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>M Psychiatry and Behavioral Sciences for Lawyers</td>
<td>W-7</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>M Method Validation &amp; Estimating the Uncertainty</td>
<td>W-8</td>
<td>$100</td>
<td>$125</td>
<td>$ ______</td>
</tr>
<tr>
<td>M/T Identification of Animal Hairs</td>
<td>W-9</td>
<td>$325</td>
<td>$375</td>
<td>$ ______</td>
</tr>
<tr>
<td>M Quality Assurance in Human Identification</td>
<td>W-10</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
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<tr>
<td>M/T Microscopy Workshop for Trace Evidence Examiners</td>
<td>W-11</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>M/Grief - Forensic Practice &amp; Family Interaction</td>
<td>W-12</td>
<td>$100</td>
<td>$125</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU Indentation Sequencing Workshop</td>
<td>W-13</td>
<td>$100</td>
<td>$125</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU Images in the Courtroom</td>
<td>W-14</td>
<td>$125</td>
<td>$150</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU Veterinary Forensic Sciences</td>
<td>W-15</td>
<td>$125</td>
<td>$150</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU Sex-Related Homicide &amp; Death Investigation</td>
<td>W-16</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU DNA Mixture Analysis</td>
<td>W-17</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU K2 and Beyond</td>
<td>W-18</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU Monitoring Conditions of Detention &amp; Documenting Torture</td>
<td>W-19</td>
<td>$200</td>
<td>$250</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU Forensic Multimedia Analysis</td>
<td>W-20</td>
<td>$100</td>
<td>$125</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU Blood Alcohol Concentration (BAC) Evidence</td>
<td>W-21</td>
<td>$125</td>
<td>$150</td>
<td>$ ______</td>
</tr>
<tr>
<td>TU Introduction to Expert Witness Testimony</td>
<td>W-22</td>
<td>$100</td>
<td>$125</td>
<td>$ ______</td>
</tr>
</tbody>
</table>

Subtotal $ __________________________

4. CONTINUING EDUCATION

CE registrants must pick up a CE Request Packet from the registration desk and return by the stated deadline.

□ $50.00 Administrative Fee

- Accreditation Council for Continuing Medical Education (ACCME)
- Academy of General Dentistry (AGD)
- Dental Board of California (DBC)
- American Association of Clinical Chemistry (AACC)
- Continuing Legal Education
- General Continuing Education

Subtotal $ __________________________

5. PAYMENT PROCESSING

□ Check Enclosed  □ Purchase Order

□ American Express  □ MasterCard/Visa

NAME (as it appears on your card) ______________________________

CARD NO. ______________________________  EXP. DATE __________________________

SIGNATURE ________________________________

TOTAL AMOUNT DUE $____________________ (Totals from Nos. 2, 3, 4)
BRING YOUR OWN SLIDES in PowerPoint (BYOS.ppt)

Wednesday Evening: 8:00 p.m. - 10:00 p.m.

In order to keep BYOS.ppt informal, fun, and informative for the large and diverse audience, here are a few things to keep in mind for the BYOS.ppt program at the 2011 AAFS Annual Meeting in Chicago, Illinois:

- To present at BYOS.ppt, presentations must be in PowerPoint format. 35mm slides are no longer accepted.
- Proposals must be submitted on this form, accompanied by a “6-slides per page” printout of the presentation, and an electronic copy on CD or flash drive.
- BYOS is not intended as a forum to present scientific papers. It is designed as a means to present interesting information and/or unusual case(s) that may be educational and blended with humor.
- Speakers should plan on ten minutes in which to present their material.
- Material being presented in other parts of the AAFS scientific program will not be accepted at BYOS.ppt.
- Tables, charts, and graphs should be avoided - making every effort to use slides of scenes, bodily findings, and evidence.

This complete form, a “6-slides per page” printout, and the electronic presentation copy should be delivered to the on-site AAFS Staff Office on or before 4:00 p.m., Wednesday, February 23, 2011. Presentations will be selected and scheduled based on perceived interest to the audience and in the order in which the completed submissions are received. This form and required printout are needed to organize the BYOS.ppt program and to allow appropriate allocation of continuing education credit. A BYOS.ppt Program Form also will be placed in each registrant’s meeting packet.

BYOS PROGRAM FORM

Name (include academic degree/s) ________________________________________________________________

Job title _______________________________________________________________________________________

Place of employment _____________________________________________________________________________

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

The presentation is being offered primarily to:
- Solicit input/advice on a challenging case
- Present interesting information or case(s) for educational purposes
- Entertainment

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

Briefly describe the material to be presented: _______________________________________________________________________

____________________________________________________________________________________________________________

What are the major points to be emphasized? _______________________________________________________________________

____________________________________________________________________________________________________________

How will the attendees benefit from this presentation? ______________________________________________________________

____________________________________________________________________________________________________________

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

____________________________________________________________________________________________________________

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

Presenter’s local hotel ___________________________ Room # _______ Phone # _________________________

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

AAFS STAFF USE ONLY: Date Received: _________________________ Time: _____________________
VOLUNTEERS ARE NEEDED FOR THE 2011 AAFS ANNUAL SCIENTIFIC MEETING

The 2011 AAFS Annual Scientific Meeting is scheduled for February 21-26, 2011, in Chicago, Illinois. Volunteers are needed to accomplish an array of administrative and gatekeeping 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 hours of completed volunteer service at the meeting. This does not include sessions requiring pre-registration or fees other than the basic meeting registration fee. If you plan to attend any of the special sessions (e.g., workshops, breakfasts, luncheons, etc.), please contact the Volunteer Coordinator for the AAFS Registration Form. Inactive members of the Academy are not eligible to receive complimentary registration.

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

Below is a list of the various areas where volunteers are needed as well as an information form. Credit card information is now required; however, your card will only be charged should you attend the meeting for free and fail to fulfill your volunteer commitment. *Volunteer applications must be received no later than December 1, 2010, and are accepted on a first-come, first-served basis. Incomplete forms will not be accepted.*

AAFS Office Assistant  Luncheons  Plenary Session  Registration Desk
Breakfast Seminars  Special Sessions  AAFS Annual Business Meeting  Scientific Sessions
Workshops  Student Academy  Evening Sessions  Section Business Meetings

AAFS 63rd Annual Scientific Meeting Volunteer Information Form*

Name: ___________________________________ Title: ____________________ Organization: __________________________
Mailing Address: __________________________________________________________________________________________
City: _________________________________________________ State/Province: _____________________________________
Zip/Postal Code: ___________________________ Country: __________________________ Home Phone: ____________________________
Fax: ___________________________ Work Phone: ___________________________ Cell Phone: ____________________________
Email: ___________________________________________ AAFS Member? Yes [ ] No [ ] Member #________________
The best way to contact me during the meeting is: [ ] Phone [ ] Email [ ] Other ____________________________
Ex. Date: ___________ MC [ ] Visa [ ] AE [ ]
Signature: ____________________________________________ Credit Card #: _______________________________

AAFS is authorized to charge up to the 2011 Non-Member registration rate for registration fees should I attend the meeting and not fulfill my volunteer work assignment(s).

I plan to arrive in Chicago, IL, on __________________________ and depart on __________________________
(date) (date)

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

I prefer to work: [ ] Full Days [ ] Half Days
Additional Comments/Needs:

Dates Available
Saturday, February 19 **** am **** pm
Sunday, February 20 **** am **** pm
Monday, February 21 **** am **** pm
Tuesday, February 22 **** am **** pm
Wednesday, February 23 **** am **** pm
Thursday, February 24 **** am **** pm
Friday, February 25 **** am **** pm
Saturday, February 26 **** am **** pm

Maximum number of days willing to work: _______________________________________

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

*Return completed form by December 1, 2010, to:

Amber Olson
AAFS Volunteer Coordinator
410 North 21st Street
Colorado Springs, CO 80904
Fax: (719) 636-1993
aolson@aafs.org

*Form must be filled out completely. Incomplete forms will not be accepted.
Need a Car in Chicago? Rent From Hertz

The American Academy of Forensic Sciences has selected Hertz® (www.hertz.com) as the official car rental agency for the 63rd Annual Scientific Meeting to be held February 21-26, 2011, in Chicago. To reserve a vehicle at our special meeting rates, go to the AAFS website at www.aafs.org:

1. Click on the “Meetings” tab.
2. Click on “AAFS Annual Meeting.”
3. Click on the “Ground Transportation” button.
4. Click on the Hertz® logo to go to the Hertz® website.
5. Make sure the “I have a discount (CDP, PC, Coupon or other code)” box is checked and the code 04E70002 is entered in the “Convention Number - CV” box.

You may also provide the CV# (04E70002) to your corporate travel department or travel agent when making reservations. You can also make reservations online at Hertz.com or call Hertz directly:

• In the U.S. and Canada: 1-800-654-2240
• Other: 1-405-749-4434

Please Donate to the FSF 2011 $ilent Auction!

With your help, the Forensic Sciences Foundation (FSF) Annual Silent Auction can exceed expectations during the 2011 meeting in Chicago, IL. Does your agency or department have “logo” gear such as hats, patches, pins, coffee mugs, T-shirts, denim shirts, polos, etc., that you would be willing to donate to the auction? Many of us are collectors of such items for display at work or at home.

Please forward items to Kimberly Wrasse at the Academy office no later than December 31, 2010. You and your agency will be recognized for your donation. Auction items received after the deadline will be accepted for the following year. Thank you in advance.

Suggested Ideas, . . . . . .
**Chicago 2011 - Make Your Hotel Reservations!**

**Hyatt Regency Hotel**

**Chicago, Illinois**

**Single/Double: $169**

**Swissôtel Chicago**

323 East Wacker Drive
Chicago, IL 60601

(312) 268-8226
Fax: (312) 268-8222

www.swissotel.com

**Reservation Instructions:** For hotel availability during the American Academy of Forensic Sciences 63rd Annual Scientific Meeting, there are two ways to make your reservation online: 1) go to the AAFS website (www.aafs.org); click on “Meetings,” “AAFS Annual Meeting;” then click on the “Accommodations” button to be transferred to the Hyatt Regency Chicago’s reservation system; or, 2) enter the following website address in your browser: https://resweb.passkey.com/go/AAFS2011. You will be taken directly to the online reservation system.

By using this link, you will receive the group rate for your stay during the AAFS 63rd Annual Scientific Meeting. In order to receive the meeting rate, you must make your reservations through the online system or by calling (888) 421-1442. The hotel does not accept reservations by fax. Be sure to book your hotel reservation by **January 16, 2011**. After this date, the conference rate will no longer be available.

**Swissôtel Chicago**

323 East Wacker Drive
Chicago, IL 60601

(312) 268-8226
Fax: (312) 268-8222

www.swissotel.com

**Reservation Instructions:** For hotel availability during the American Academy of Forensic Sciences 63rd Annual Scientific Meeting, go to https://resweb.passkey.com/go/aafc to make your online reservations at the Swissôtel Chicago. By using this link, you will receive the group rate for your stay during the AAFS Annual Scientific Meeting. In order to receive the meeting rate, you must make your reservations through the online system or by calling (888) 73SWISS or (312) 565-0565 no later than January 20, 2011.

**Single/Double Occupancy:** $159

**Triple Occupancy:** $189

**Quadruple Occupancy:** $219

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**Badge Alert!**

It is the policy at AAFS annual meetings for attendees to have name badges in order to enter special sessions, workshops, breakfasts, and scientific sessions. Please note, **ALL** functions will require a name badge in order to enter, including the Exhibit Hall. All attendees, guests, and the press will not be allowed to enter to any function without a badge. This policy will be strictly enforced, so please come prepared.

**Want to Win a Complimentary Meeting Registration? Attend the AAFS Annual Business Meeting**

The Annual Business Meeting of the Fellows and Members of AAFS will be held on Wednesday, February 23, at 4:15 p.m., at the Hyatt Regency Hotel in Chicago, IL. 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 2011-12 Officers, recognition of all Members being promoted to Fellow status, presentation of the Gradwohl Medallion and Distinguished Fellow Awards, 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 2012 AAFS Annual Meeting in Atlanta, GA.
The Psychiatry & Behavioral Science Section of the American Academy of Forensic Sciences announces its annual award, “The Richard Rosner Award for the Best Paper by a Fellow in Forensic Psychiatry or Forensic Psychology.” To qualify: 1) the paper should have been completed as part of the work of the forensic fellowship year, or within one year of the completion of the forensic fellowship year based upon work or research that took place during that year, 2) the paper must have not been previously published, and 3) submission constitutes permission for publication in the Journal of Forensic Sciences.

To apply for the award: 1) send the original paper, plus six copies, 2) send an original letter, plus six copies, from the director of the forensic fellowship program affirming that the author was a forensic fellow and the year of the author’s forensic fellowship, and 3) send seven copies of the author’s curriculum vitae. All submissions should be sent to Amber Olson, AAFS, 410 North 21st Street, Colorado Springs, CO 80904. Submissions must be received by December 31, 2010.

The award consists of:
- Free membership for one year in the Psychiatry & Behavioral Science Section of the AAFS, if the author meets the requirements and completes the application process
- Free registration to the AAFS Annual Scientific Meeting
- Acceptance of the paper for presentation at the AAFS Annual Scientific Meeting in the Psychiatry & Behavioral Science Section
- Free subscription for one year to the Journal of Forensic Sciences
- Recommendation of publication to the Editorial Board of the Journal of Forensic Sciences
- A cash award of $350 to the author

AAFS reserves the right to remove commercial references not disclosed by the author.
The AAFS will be hosting its sixth annual Employment Forum at the upcoming meeting in Chicago, IL. The intention is to provide a means for employers and applicants to meet, exchange information, conduct informal interviews, or schedule interviews for later in the week.

This special event will be held on Tuesday, February 22, 2011, from 6:00 p.m. - 7:00 p.m., directly adjacent to the AAFS Welcoming Reception.

Space is limited! Employers, to reserve your place at the Employment Forum, please contact Sondra Doolittle at the AAFS office by email: sdoolittle@aafs.org, or fax: (719) 636-1993. Sondra will be happy to answer any questions you may have. Plan on joining us for the AAFS Annual Meeting Employment Forum!

AAFS Guidelines For Presentations Using An LCD Projector

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

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

**If You Plan To Use Your Own Computer with the LCD Projector at the Meeting:**
- 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.
- You will be given instructions on how and when to connect to the LCD projection unit.
Guidelines for Poster Presentations

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

2011 AAFS Poster Presentation Format Are As Follows:

- Presenting authors are asked to have their posters ready for display at 9:00 a.m. for attendee viewing.
- Presenting authors will be required to be present from 11:30 a.m. to 1:00 p.m. to answer questions.
- Posters should be removed no later than 1:15 p.m.
- AAFS or its representatives will verify poster presentations during the hours of 11:30 a.m. – 1:00 p.m. Authors who display a poster but do not present materials during required hours will not get credit for the poster presentations.
- Presenters should make arrangements with a co-author to cover lunch or breaks or presenting author should lunch or break before or after the 11:30 a.m. – 1:00 p.m. 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 three to four 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.

Four Ways to “Go Green” With AAFS

Looking for ways to save the earth’s resources? Then become part of the Academy’s “Go Green” Campaign.

In an effort to be responsible stewards of the earth and of the Academy’s resources, the “Go Green” options below are available to all who have a PeopleWeb account set up with the Academy. Depending on your access level (e.g., member, author, applicant, non-member, etc.), the options available to you will display on the screen. Each option is independent of the other and can easily be changed by returning to the PeopleWeb account and deselecting the item.

Please be aware that by selecting any of the checkboxes on the Go Green Tab, you are “opting out” of receiving the paper version of the checked item. For each option selected, an email will be sent to the email address on record once the item becomes available for viewing on the Academy’s website.

There are four ways for members to opt out of receiving the paper versions of your AAFS: 1) Dues Notice; 2) Academy News newsletter; 3) Advance Program; and 4) Membership Cards. Log on to your AAFS PeopleWeb account, click on the “Go Green” tab and select the item that you wish to view in an electronic format.
Guidelines For Toxicology Poster Presentations

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

2011 AAFS POSTER PRESENTATION FORMAT ARE AS FOLLOWS:

Presenting authors are asked to have their posters ready for display at 7:00 p.m. for attendee viewing.

- Presenting authors will be required to be present from 7:30 p.m. to 9:00 p.m. to answer questions.
- Posters should be removed no later than 9:15 p.m.
- AAFS or its representatives will verify poster presentations during the hours 7:30 p.m. to 9:00 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 breaks or presenting author should take their break before or after the 7:30 – 9:00 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 “arty,” 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.
In the September issue, I discussed some of my concerns for forensic science education. This installment presents what I think are some of the achievements of FEPAC over its seven year history. First, we are financially solvent, operating in the positive for several years. That is no mean feat, I assure you, for a standing committee and particularly so for one that was created only a few years in advance of our current national economic situation. These funds provide FEPAC with the ability to cover our mid-year meetings, send Commissioners to important conferences and meetings, and to support our activities in the pursuit of quality forensic education.

Second, FEPAC was recognized as an official accrediting agency by the Association of Specialized and Professional Accreditors (ASPA, www.aspa-usa.org). This external validation of our accreditation process was, I think, key to our acceptance as a proper agent of change in the forensic community. FEPAC is not resting, and is seeking recognition from both the Council of Higher Educational Accreditation (CHEA, www.chea.org) and the U.S. Department of Education. Our connection to the federal government and funding came through a gracious award from the National Institute of Justice administered by the Forensic Sciences Foundation. The competitive funding goes to undergraduate and graduate students in FEPAC-accredited programs to support research and related projects. Award amounts vary (not to exceed $7,000 each). Submissions are peer-reviewed and awards are made based on the quality and impact of the proposed project.

Third, FEPAC is lucky enough to have expanded into accrediting digital evidence-computer forensic programs. This year, we will review two programs in a pilot project that resulted from the research report on Education and Training in Digital Evidence, a NIJ-sponsored working group administered through West Virginia University’s Forensic Science Initiative (disclaimer: I direct that office). We welcome other Academy sections that may be interested in developing accreditation standards for their disciplines.

Finally, the response to accreditation by students is very exciting; I have plotted the values below. The number of Undergraduates enrolling in FEPAC programs remained more or less steady until just last year; however, the number of Graduates, has remained about the same over time (Figure 1). Interestingly, the graduate numbers, although an order of magnitude lower, show a similar pattern (Figure 2). The jump in the number of students enrolling in undergraduate and graduate forensic science programs in 2009/2010 may reflect a return to education in these difficult economic times for people to bolster their job opportunities; time will tell. The ratio of Enrolled to Graduate students demonstrates the growth and ultimate stability in the interest of students in our discipline (Figure 3). I am encouraged by these figures and look with hope and excitement to the future of forensic science education.

This is, with great regret, my last entry for the AAFS newsletter as Chair of FEPAC; term limits necessitate that I step down this February. In all my years in forensic science and all the...
committees on which I have served, none has provided me with the intellectual stimulation, satisfaction, and sense of accomplishment that FEPAC has. I am honored to have served with the Commissioners past and present and know that I leave the work of FEPAC in excellent hands.

Figure 1. Undergraduate FEPAC Program Students, Enrolled and Graduated, 2004-2010

Figure 2. Graduate FEPAC Program Students, Enrolled and Graduated, 2004-2010

Figure 3. Ratio of Enrolled to Graduated Undergraduate and Graduate Students in FEPAC Programs, 2004-2010
All of the participants of the AAFS 2010 International Educational Outreach Program (IEOP) have expressed their thanks to AAFS President Joseph Bono and our French host, Eric Baccino, for the hospitality and amazing reception of the American travelers. The scientific minds representing the AAFS were Joseph Bono (Criminalistics), Peter Ausili (Criminalistics), Susan Ballou (Criminalistics), Stanley Buchanan (Engineering Sciences), Amy Carney (General), Roy Crawford (Engineering Sciences), Rhea Haugseth (Odontology), Horton McCurdy (Toxicology), Haskell Pitluck (Jurisprudence), Michael Rieders (Toxicology), and Ronald Singer (Criminalistics). A special thanks to them and their guests for their participation and contribution to the IEOP.

With every IEOP, I return with a new love and respect for the country visited. Our visit began in Paris, La Ville-Lumière (the City of Lights), where representatives of the Medico-Legal Institute of Paris and Hôtel-Dieu received us. Hôtel-Dieu is the name given to the principal hospitals in France and translated means “Hostel of God.” After a tour of the facilities and presentations, the group enjoyed a lively discussion comparing the differences between the legal system of France and the United States. One cannot visit Paris without touring Notre Dame, the Eiffel Tower, and the Louvre Museum – to name just a few. This traveler is always on the lookout for a little adventure so when the opportunity was presented to visit the Musée des égouts de Paris (Paris Sewers Museum), I couldn’t refuse. As a fan of Les Misérables, it was a must see.

From Paris, the group moved on to Montpellier – the home of the oldest university in the world. Pope Nicholas IV officially founded the University of Montpellier in the year 1289; however, the school of medicine had been educating physicians as early as 1137. The group enjoyed a tour of the university and special access to the Museum of Anatomy housed therein. Later in the day, we were welcomed by Dr. Baccino and his colleagues at the Hôpital Lapeyronie and provided a tour of the hospital. The city of Montpellier, located just minutes from the Mediterranean, offers a glimpse into its rich past. It is no wonder this is one of the country’s favorite vacation spots with an elegant and well-preserved history blended with a youthful population.

Although it was difficult to leave this enchanting city, we all looked forward to our next stop, Lyon, the home of the world’s first official crime laboratory. Lyon’s crime laboratory of today shares little resemblance to the first crime laboratory established by Edmond Locard in 1910. While Locard’s crime laboratory was housed in the attic of the court house, the laboratory of today, the Laboratory of Forensic Science, is housed on a large campus and is one of the most modern in Europe. The group was warmly welcomed and, after presentations and exchanges, toured the facilities. Although Lyon is known for its great chefs and culinary delights, the city was developed with the silk trade during the Renaissance and is still known for its silk today. This traveler wasted little time finding great food and fine silk.

From Lyon, the group spent a final full day together in Versailles touring the Palace of Versailles and its beautiful grounds. Thousands of years of history left this traveler exhausted but in awe and humbled. Finally, the group said their farewells to each other and France at dinner cruising the Seine.

I look forward to the next International Outreach Program with President-Elect Doug Ubelaker and a visit to Portugal as the 2011 destination. He, along with IAFS President Duarte N.P. Vieira are planning an outreach to include Lisbon, Sintra, Coimbra, Santiago, and Madeira. The 19th Triennial International Association of Forensic Sciences Meeting will be hosted in Madeira, and Dr. Vieira has invited AAFS members traveling with the Outreach Program to present at a special AAFS Session September 16, 2011, during the conference. The nine-day IEOP will officially kick off on September 17, 2011. If you need further enticement, Portugal’s old-world charm will offer pristine beaches, picture-perfect villages, medieval castles, and flower-covered hillsides - something for everyone!
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The Leica FS M comparison macroscope offers straightforward manual control of the stages, comparison bridge, and illumination for flexibility and convenience. The system can be configured for dual viewing, and the comparison bridge provides split, full left, full right, and superimposed imaging. In less than one second, the user can continuously adjust the viewing field and imaging modes.

Illumination options include a fluorescence tube mounted on articulated arms or gooseneck supports for easy, precise positioning, and LED spot and ring lights for long-life, cool, near-daylight illumination. For over 100 years, leading forensic investigators have relied on the unparalleled accuracy, optical excellence, and continuous innovation of Leica Microsystems.

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Living up to Life
Forensic Sciences Foundation 2010-11 Awards and Grants

Each year the Forensic Sciences Foundation (FSF) awards monies in the form of grants to members of the forensic science communities for research conducted throughout the year. The FSF has awarded the 2010-11 FSF Lucas Grants as well as co-awarded the FSF/NIJ Forensic Science Student Research Grant, which is awarded to students in the field of forensic sciences. No Acorn Grants were awarded this year.

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

The FSF Lucas Grant recipients are:

Mary A. Bush, DDS - $2,500 for Principal Shape Variation in Bite Mark Analysis
Gretchen R. Dabbs, PhD - $2,000
David B. Rivers, PhD - $3,000 for Development of a Rapid and Quantifiable Method of Detecting Fly Artifacts (Spots) in Bloodstain Evidence
Ruth Waddell-Smith, PhD - $2,500 for Further Studies on the Detection of Gunshot Residue in Tissue Samples using Inductively Coupled Plasma Mass Spectrometry

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

Jennifer Bonetti - $1,310.75 for A Method of Discrimination between Soil Samples from Different Locations using Particle Size
Katerina G. Doneva, BS - $3,500 for Frequency of Inter-tissue Somatic Mosaicism at the 15 AmpFISTR® Identifiler™ Loci
Julie M. Fleischman, BA - $463.57 for An Evaluation of the Chen et al. Pubic Aging Method on a North American Sample
Seongshin Gwak, BS - $4,169 for The Separation of Chiral Psychedelic Amphetamine By Molecularly Imprinted Monolithic Polymers
Sarah J. Keasey, BS - $2,500 for Testing for the Presence of Methamphetamine Residues on Clothing Using Organic Extraction and Detection by Gas Chromatography/Mass Spectrometry (GS/MS)
Yong Ning "Denise" Oh, BS - $3,500 for Determination of CODIS STR Alleles Frequency in Populations of Kenya, Africa
Keaundra N. Tennant, BS - $6,050 for DNA Extraction of Weathered Bone Using DNA Purification Methods
Khang Q. Vuong, BS - $4,850.50 for Correlation of Telogen Hair Morphology and the Success of Nuclear DNA Typing
Emily C. Young, BS - $6,700 for Detection of Synthetic Cannabinoids In Biological Samples
FSF Jan S. Bashinski Criminalistics Graduate Thesis Assistant Grant Award Announced

The Forensic Sciences Foundation (FSF) is proud to announce that Elizabeth L. Emerson, MS, was awarded the 2010-11 FSF Jan S. Bashinski Criminalistics Graduate Thesis Assistance Grant for her paper Profiling of TAG Degradation in Fingermark Samples as a Dating Technique by Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. Beth Emerson completed her undergraduate degree in forensic chemistry from the University of Mississippi and then earned a MS in Chemistry from the University of Arkansas. She is currently at the University of Arkansas where she is a PhD student in the Chemistry Department (Analytical Division). Her present research involves improved detection techniques for lipids using mass spectrometry and analysis of the constituents (e.g., TAGs) in fingerprints for gender and degradation time studies using MALDI-TOF MS. She has also worked analyzing the components of “Spice” herbal products and their metabolism in urine samples using GC/MS. Beth’s career goals include a faculty position at a university teaching forensic chemistry or working for a government crime lab.

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

The Jan Grant Award ranges from $500 to $2,500. Additionally, funds may be available in the Jan Grant Fund to be used for travel and per diem expenses for the grant recipient’s attendance at an American Academy of Forensic Sciences Annual Meeting. The purpose of this travel shall be in the presentation of a platform paper pertaining to the completed research for which the grant recipient received his or her grant. Congratulations, Beth!

Legislative Corner cont.

It’s all about public policy. How should scarce forensic resources be allocated? Who makes that determination? How can crime labs, coroner, and medical examiner offices get the necessary funds to do their jobs in both accurate and timely ways?

I’ve written about the importance of advocacy before. That’s still the case. It is important for us to get the word out to our stakeholders that forensic science is a vital component of the criminal justice system and forensic providers need to be appropriately funded. To do this, we must convey this message to Congress, State Legislatures, the media, and the public. Backlogs, whether rape cases, narcotics, or burglaries will not go away unless those who control budgets hear about our challenges and recognize the consequences of not being able to do the work. It’s more than just a case of “justice delayed is justice denied.” Everyone pays when our justice system doesn’t work as it should, and this is still true in tough budget times.
The Forensic Sciences Foundation

Announces a Contest
For
Possible Applications of New Science or Technology
To Forensic Science

WE WANT YOUR IDEAS!!!
YOU COULD WIN MEETING EXPENSES (UP TO $1,200)
AND RECOGNITION!!

In its efforts to encourage applications of new science and technology in forensic science, the Forensic Sciences Foundation (FSF) is sponsoring a contest. This contest is open to anyone concerned with enhancing the forensic sciences. To enter, a 500 - 1000 word abstract must be submitted proposing a potential application of a new or emerging area of science or technology to forensic science. We are interested in new ideas; the submitter need not have conducted actual research on the idea. The abstracts will be judged by a subcommittee of the FSF Theoretical Forensic Sciences Committee, supplemented, as required, by one or two others with appropriate technical expertise. Selection of the winner will be based on the following criteria:

a) The novelty/originality of the abstract;
b) Potential positive impact on an area of forensic science;
c) The possibility of cross disciplinary impact; and
d) The overall impact if successfully applied to forensic science.

It is planned that the selected abstract would provide the basis for a half-day workshop at the AAFS 2012 Annual Scientific Meeting. The selected abstract will be subject to the AAFS peer-review process and must be accepted for presentation by the AAFS Program Committee. If accepted for the program, the author of the winning abstract will receive up to $1,200 toward his/her attendance at that meeting. The structure of the workshop will include an introduction of the topic by the contest winner, a presentation by the winner or another appropriate expert on the basic science or technology involved, and a period for questions and discussion. Abstracts must be received electronically at the AAFS office by January 15, 2011. Please send your abstracts to meetings@aafs.org; put FSF Technology Contest in the subject line.
As we seek to improve the state of practice, we build upon the work of our members, and in particular seek to answer the many issues raised by the report “Strengthening Forensic Science in the United States,” published by the National Research Council of the National Academy of Sciences in 2009.\(^1\) The SWGDE published a response to the Report, which addresses many of the issues raised, as they pertained to our disciplines. Even though the Report did not touch on digital and multimedia sciences as much as the other disciplines, SWGDE considered it to be a call to action to strengthen the discipline.

In his testimony before the United States Senate, Judge Harry Edwards criticized the Scientific Working Groups (SWGs) for producing guidelines that are too vague and not enforced. In this regard, SWGDE reviewed all aspects of quality assurance within the discipline and has just released new “Minimum Requirements for Quality Assurance in the Processing of Digital and Multimedia Evidence.”\(^5\) SWGDE has encouraged ASCLD/LAB to adopt its recommendations as the consistent accrediting standard to ensure that accreditation guarantees valid practice and sufficient performance.

Defining appropriate quality standards can be a challenge in fields like computer forensics where the principles of evidence collection are not governed by the stable laws of physics and chemistry. Rather they are governed by a combination of electronic hardware and logical software that together define virtual realities that are always being updated, requiring examiners to develop new tools and attain new skills to remain competent. To assist in this regard, SWGDE is working with NIST to standardize the validation of computer forensics tools and methods so laboratories can better leverage the efforts of others for their uses.

Judge Edwards also criticized the SWGs for lacking consistent membership, funding, and meeting standards. SWGDE presented its organizational setup and bylaws to the Interagency Working Groups (IWGs) under the National Science and Technology Council, and continues to work with the IWGs by offering suggestions aimed at improving the efficiency of developing quality, valid, standard practices within the digital and multimedia sciences.

The SWGDE is just one of the avenues by which our section members seek to continually improve the quality, reliability, relevance, and validity of our disciplines. We continue to engage across multiple organizations to promote standards, certification and accreditation. We look forward to a bright future not only for our disciplines and section, but for the other ten sections in the Academy as we work together to truly strengthen forensic science in the United States and across the globe.

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1“Cramming More Components onto Integrated Circuits”, Gordon E. Moore, Electronics, Volume 38, Number 8, April 19, 1965
2“Excerpts from A Conversation with Gordon Moore: Moore’s Law”, Intel Corporation Video Interview, 2005
We asked and you responded. Twenty individuals responded to the request for moderators and the call for papers resulted in the submission of nine workshop abstracts and 254 combined oral and poster abstracts. Your collective response has allowed Program Co-Chair Jennifer Mihalovich and me to assemble a program for the 2011 Annual Meeting that you will certainly not want to miss! By the time you read this article, the meeting will nearly be upon us and your travel itinerary may already be in place. However, if you have not made plans to attend the meeting, maybe I can provide a couple reasons to do so.

The setting: Chicago sets the scene for a great meeting. The host hotel is within walking distance to three great attractions. The Magnificent Mile, Chicago’s largest shopping district, is filled with numerous shops and restaurants. You might be able to add to your shopping experience with an Oprah sighting. Oh, one can only hope, right? Maybe window shopping is not exactly your idea of exciting. How about sports? The ESPN Sports Zone would be a great place for lunch, or, better yet, to unwind after a full day at the meeting. Emphasis was added in order to stress the fact that the program is chocked full of events, so playing hooky, while tempting, is not encouraged. The final attraction may be questionable as an attraction, but if neither shopping nor sports are your thing, you would be remissed for visiting Chicago without having a bite of that fabulous Chicago pizza. I’m talking deep-dish pizza so thick you have to eat it with a fork. In a word...YUM!

The meeting: Each of the six days of the meeting has something of interest for members of the Criminalistics Section. We will have workshops that are either chaired or co-chaired by members of the section on both Monday and Tuesday. The section’s business meeting on Wednesday will combine an opportunity to dine with an opportunity to discuss changes to the section’s policies and procedures. You should receive notice of the proposed changes in advance of the meeting. The Wednesday night Crim Reception has been a tremendous hit in the past and I know Section Chair Matthew Wood and Section Secretary Barbara Llewelyn are making sure this year is no different. A total of 99 posters have been scheduled for Wednesday, Thursday, and Friday. That’s roughly 33 posters per day. There is bound to be something of interest to everyone throughout the entire Poster Session, so be sure to schedule time to visit during the scheduled times. Additionally, a Special Session is scheduled on Friday evening to discuss a proposed National Code of Ethics. Peter Barnett has organized this discussion in an attempt to gather feedback on the Code of Ethics developed by the California Association of Criminalistics. The discussion is scheduled to begin after the oral presentations and should end just in time for dinner. Might I suggest visiting one of the Chicago pizzerias? And this brings us to the 112 oral presentations scheduled as part of the Scientific Session.

continued on page 30
Section News cont.

Thursday’s Scientific Session starts with a joint session between Criminalistics and Jurisprudence. The joint session was planned with the hope of drawing attorneys and scientists together in one room to discuss issues such as error rates, bias, and the NAS Report. Scientists, a judge, a social scientist, and educators are among those scheduled to present during the four-hour session. Following the joint session, we return to the format of having dual concurrently running sessions on Thursday afternoon, all-day Friday, and Saturday morning. Both sessions are scheduled to conclude at noon on Saturday.

That’s the week in a nutshell. Please keep the Saturday sessions in mind as you plan your departure. A later flight on Saturday will allow you to hear the outstanding presentations scheduled and possibly provide another opportunity to have a slice of that wonderful Chicago pizza. I guess you know what I’m looking forward to in addition to seeing you in Chicago!

DIGITAL & MULTIMEDIA SCIENCES

Source: Jason P. Doyle, MFS, Section Program Co-Chair

The Program Committee reviewed numerous submissions for this year’s program and has developed a program that is representative of all disciplines within the Digital & Multimedia Sciences Section. We are appreciative to all who submitted presentations and to those who volunteered to moderate. Our program this year will cover one and a half days starting on Thursday, February 24, and covers topics in digital forensics, audio authenticity, and image examinations. In addition to our scientific sessions, we submitted two half day workshop proposals. One workshop is on new developments in forensic investigation of images and video streams and the use of 3-dimensional computer modeling, and a second workshop is on the impact of SWGIT Guidelines in court proceedings. We look forward to seeing you in Chicago in February.

ENGINEERING SCIENCES

Sources: Helmut G. Brosz, PEng, BAsc, Section Chair and Donn N. Peterson, MSME, PE

As the Engineering Sciences Section Chair, I am pleased to announce the following:

1. Expert Database: Fellows James Hyzer and Tom Bohan produced the publication “American Academy of Forensic Sciences, Engineering Sciences Section – Directory of Members, 1998.” We plan to update this listing of members and their areas of expertise. A form will be emailed to all members and fellows. Please return by email to Helmut Brosz at hgb@brosz.net.

2. The Business Meeting Luncheon Subsidy: Those who attend both the offsite luncheon and the onsite business meeting will receive a small rebate on their lunch. More details to come.

3. The Joint Paper Session with the Jurisprudence Section: The theme of the Joint Paper Session: Expert-Lawyer-Court Interactions & Expectations and will be held on Thursday, February 24, from 1:00 p.m. to 4:45 p.m.

4. The ESS has been considering the creation of a new award: the “Don Myronuk Award for Meritorious Trial Service.” It is to be based on letters from clients who have positively commented on ESS members at trial. Please send comments and feedback to Professor Brosz.

Forensic Engineers Going International

Tom Bohan – Columbia, Vehicular Matters
Peter Brosz – South America, Electrical Failure
Helmut Brosz – Nigeria, Electrical Matters

International Board of Forensic Engineering Sciences (IBFES)

Want to become board certified in Forensic Engineering Sciences and authorized to use the suffix D-IBFES behind your name? You can start the process by downloading application forms from www.IIFES.org. You can complete the process by passing your oral examination during the AAFS Annual Meeting.

GENERAL

Sources: Julie A. Howe, MBA, Section Secretary

During recent months, we have received several inquiries concerning a name change for the General Section. There is concern that “general” implies limited professional expertise. The section currently has twenty-five sub-disciplines actively involved in forensic science. The section does not want to give the impression that any of the sub-disciplines are “generalists.” A name change must be voted on by members at the Business Meeting. Please forward your thoughts or suggestions to Bob Gaffney, Frank Horvath, Chair of Disciplines Committee or me so that we may be prepared to discuss this at the meeting in February. These ideas may also be posted to the section list serve for discussion prior to the meeting adsgeneralsection@list.slu.edu.

Because the section is so diverse, we want to share activities and advancements currently taking place in particular disciplines. I encourage you to send me information to share with your colleagues.

Nurses within the section are positively impacting forensic services in developing countries and ensuring that forensic nursing science is leveraged to protect the human rights of vulnerable individuals. Recent and current projects illustrate the broad applications of forensic nursing and its contributions to legal systems.

Nancy Cabelus resides in Nairobi, Kenya as a member of the Women’s Empowerment Initiative established by the U.S. Department of Justice. She teaches sexual assault examination procedures, works collaboratively with police officers, lawyers, judges, healthcare personnel and other community leaders to establish programs and services for the victims of gender-based sex crimes, child abuse and trafficking in persons. She recently
discussed her projects with Hillary Clinton who was attending a conference in Nairobi.

Virginia Lynch traveled to Sweden to speak at Linnaeus University, the first institution to integrate Forensic Nursing Science into curricula for nursing students. The 30 credit-course emphasizes the connections to law, medicine, psychology, social services, criminology, police, legal systems, forensic medicine, and correctional facilities. She and Sharon Crowley also presented scientific papers and workshops on trafficking, torture, sexual violence, and human rights at the Mediterranean Association of Forensic Science meeting in Turkey.

Patricia Speck reports that 15 years after their civil war in Peru, great strides have been made in human justice endeavors, but resources for forensic programs are sparse. Speck and colleagues donated digital cameras to forensic physicians in the Peru Medical Examiner’s Office and to personnel who document evidence. Jamie Ferrell and Diana Faungno have also been involved in international forensic projects, primarily training sexual assault nurse examiners and working with abused women and children in Central and South American countries.

Mary Sullivan manages the VA Offender Treatment program in Phoenix. This program focuses on veterans who are court-ordered for treatment related to charges of domestic violence or other criminal behavior. Many of the veterans admitted to the program are returning combat veterans who have been experiencing difficulty reintegrating into civilian life after returning from deployment.

Finally, a very special congratulations to AAFS Past President Mary Fran Ernst for being recognized as an AAFS Distinguished Fellow! Mary Fran will be acknowledged during the Annual Business Meeting on Wednesday, February 23, in Chicago. Congratulations, Mary Fran!

JURISPRUDENCE

Source: Joseph J. Maltese, MJS, JD, MSFE, Section Chair

The Jurisprudence Section is presenting an interesting array of programs at the Annual Conference in February. The themes include educating lawyers and judges about forensic science. To that end several programs under the theme “Forensics 101” includes programs covering: Accuracy, Reliability & Validity – From the Lab to the Courtroom; Computer Forensics and Digital Evidence for Attorneys and Investigators; Trace Evidence Overview; Mitochondrial DNA; Interpretation and Presentation of Forensic DNA Evidence; What Lawyers Need to Know About Forensic Anthropology; Forensic Pathology; Shaken Baby Syndrome; Junk Criticism; Working with Forensic Document Examiners; Bugs, Maggots and Entomology; Firearms and Tool Mark Identification; Laboratory Support in Child Protection Litigation; The NSC-CAOD’s Source Code Resolution; and Reliability of the Drug Recognition Exam.

Other programs include AFIS v. CODIS – Why Did the DNA Match When the Fingerprint Didn’t?; The Cold Case DNA Project; Asian Youth Gangs; Child Pornography, Child Abduction and Life After Melendez-Diaz: Confrontation Accomplished Through Technical Review Testimony and other programs.

The Jurisprudence Section is also sponsoring two half day workshops entitled “Introduction to Expert Witness Testimony” and “Blood Alcohol Concentration (BAC) Evidence: Extrapolation, Interpretation and Testimony in the Post-NAS Era”

Professor Bernard “Andy” Raum of the University of Florida School of Law, an active member of our section, has published an article as part of a legal symposium at the Tennessee School of Law entitled “A Short Primer on the Admissibility of Forensic Science Evidence in Tennessee” at 6:2 Tennessee Journal of Law and Policy 161-188 (Fall 2010).

Please send me information on interesting and noteworthy matters that you are involved in. See you in Chicago.

ODONTOLOGY

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

As always time seems to fly by and as you read this we will have finalized our program for the Odontology Section. Reflecting on the abstracts, we have a fantastic program that contains some excellent new research, some case reports that help us place the research into context and provide excellent shared learning and best practice, and some narrative submissions that explore the issues around our specialty and forensic science as a whole.

There is no doubt that the ramifications of the NAS Report are now starting to be felt not only in the U.S., but around the world as jurisdictions look to obtaining the best from their forensic services. While the NAS Report challenges our and other disciplines, it also provides a framework within which we can focus our research efforts and ensure that we can answer the questions posed. I am delighted to say that the program for our section will demonstrate how odontology has grasped this opportunity and is making significant headway.

You may be interested to know that a special edition of Forensic Science International has been published which focuses on forensic dentistry and the issues around bitemarks in particular; visit www.elsevier.com/locate/forsciint to see the special edition. The papers form part of the IOFOS meeting held in Leuven, Belgium in September.

I would encourage you all to consider your travel arrangements to Chicago and also to consider inviting someone new to the meeting. It’s a great part of the mentoring process to introduce new colleagues to the discipline and the Academy. Education and networking opportunities opportunities exist within the scientific program and also workshops. One such workshop is the Age Estimation Workshop held in conjunction with the ABFO. The workshop will be held on Saturday and Sunday, February 19-20, prior to the AAFS meeting continued on page 32
and will consist of both lecture and hands-on participation by the attendees. Its objective is to present accepted dental age estimation techniques for children, adolescents, and adults as well as anthropologic techniques including hand/wrist, fetal age estimation, and bone ossification. Participating individuals wishing to obtain up to three cases toward ABFO Board eligibility will be given three dental age estimation cases as a practical evaluation. If you are interested in the workshop, additional registration information is located on the ABFO website (www.abfo.org).

Don’t forget the ASFO who will be holding its annual meeting on Tuesday 22nd February. The ASFO and Odontology Section of the AAFS have a close working relationship and its great to see that they have, under the stewardship of President-Elect Mary Bush, put together a great program. The meeting is focused on issues surrounding the NAS Report, the public image of forensic science, bias, and has an address by the President of the AAFS, Joseph Bono. You can find out more, including a full list of speakers, at www.asfo.org.

I wish you all the best for the holiday season and I am looking forward to seeing you in the New Year.

PATHOLOGY/BIOLOGY

Source: Jeffery K. Tomberlin, PhD, Section Secretary

Recent News!

Amy Gruszecki, Program Chair of the Pathology/Biology Section, would like to thank everyone for their great submissions for 2011 AAFS Annual Meeting. According to Dr. Gruszecki, the program has been assembled and all indications are the subject matter to be covered will be quite diverse and educational. She would also like to thank the volunteers that offered to moderate sessions. And, the Pathology/Biology Section will once again be offering the Thursday morning session as the Best Resident Paper Competition, so please come out and support our residents. The Jay Dix Bonus Day will also be held on Thursday and has been arranged by Michael Graham.

Also, a very special congratulations to AAFS Past President Patricia J. McFeeley for being recognized as an AAFS Distinguished Fellow! Mary Fran will be acknowledged during the Annual Business Meeting on Wednesday, February 23, in Chicago. Congratulations, Patty!

In other news, the College of American Pathologists House of Delegates approved several recommendations to the Board of Governors resulting in the development of the following policies:

New Policy on Model Medical Examiner Legislation

Death investigation systems overseen by forensic pathologists best serve the public. The College supports the development of model medical examiner legislation that will facilitate the transition of coroner systems to medical examiner systems where appropriate. (Posted on cap.org March 3, 2010.)

New Policy on Technological Adjuncts to the Autopsy

The College of American Pathologists supports the use of imaging studies, molecular analysis, and other technological adjuncts to autopsy while affirming that such techniques should not replace the traditional autopsy. (Approved by the CAP Board of Governors via email ballot on June 7, 2010.)

New Policy on Optimizing Death Investigations and Forensic Sciences Practices

The College of American Pathologists supports policies designed to improve the quality and consistency of forensic laboratory and death investigation practices in the United States. Further, the College endorses limiting the performance of autopsies falling under Medical Examiner/Coroner jurisdiction to forensic pathologists certified in Anatomic and Forensic Pathology by the American Board of Pathology or to pathologists under their supervision whenever possible. Expert testimony on matters of medicolegal significance should be limited to pathologists and other professionals with appropriate qualifications.

Save the Dates!

The 38th Annual Florida Association of Medical Examiners Educational Conference will be held June 22-24, 2011, in Palm Beach Gardens, FL. The conference is jointly sponsored by the District 15 Medical Examiners Office in Palm Beach County, University of Florida College of Medicine, William R. Maples Center for Forensic Medicine in collaboration with the Medical Examiners Commission, Florida Department of Law Enforcement. CME and SAMS credit will be offered through this conference. Visit maples-center.ufl.edu or fameonline.org for more information.

The 9th Annual North American Forensic Entomology (NAFEA) Conference will be held July 19-22, 2011, in Austin, TX. This conference represents an excellent opportunity to learn more about the application of entomology in forensic investigations. Those attending will have the opportunity to catch up on leading research in forensic entomology as well as attend a workshop on the implications of mites and ticks in medical and forensic-related casework. If you have questions, please contact Jeff Tomberlin (jktomberlin@ag.tamu.edu), Eric Benbow (benbowme@notes.udayton.edu), or Adrienne Brundage (adiegirl@gmail.com). Information can also be located through the NAFEA website (www.nafea.net).

Recruitment News

As a reminder to all members of the Pathology/Biology Section, PhD students can be members in our section. Please encourage individuals who meet the criteria of the AAFS and our section to apply for membership as it is essential that we continue to grow and represent the various disciplines that fall under the section’s umbrella. Please contact Kim Collins (kimcollinsmd@gmail.com) or Jeff Tomberlin (jktomberlin@ag.tamu.edu) if you would like to get involved with recruitment or have any questions.
PHYSICAL ANTHROPOLOGY

Source: Susan M.T. Myster, PhD, Section Secretary

Program Chairs, William Belcher and Ann Ross report that the section received 139 submissions for the 2011 Physical Anthropology program. Submitted abstracts included 70 oral presentations, 67 poster presentations, one full-day workshop, and one breakfast seminar. Drs. Belcher and Ross have worked closely with a dedicated group of individuals to assist in the initial assessment of the abstract submissions for the Physical Anthropology Section program. The committee consists of section members: Debra Prince, Gregory Berg, Derek Benedix, Erin Kimmerle, and Kate Spradley. The commitment of these individuals allowed the chairs to produce a timely and well-rounded program. Kudos to all involved (although the job isn’t over yet!).

In addition to the formal meeting events, the Scientific Working Group for Forensic Anthropology (SWGANTH) is hosting an open meeting during the 2011 AAFS Annual Meeting on Tuesday, February 22, from 1:00 p.m. - 5:00 p.m. (room location to be determined). The purpose of the working group is to solicit additional community feedback and input on best practice guidelines for the forensic anthropology discipline. A primary objective of this meeting is to provide the opportunity for more in-depth discussion and participation by the broader forensic anthropology community. Discussion will focus on the following topics: qualifications of a forensic anthropology practitioner, interpreting skeletal trauma, analysis of taphonomy, and estimating ancestry. There is no fee associated with attendance and we encourage all of our colleagues to attend this important meeting. Please contact Angi Christensen at secretary@swghanth.org if you have questions.

PSYCHIATRY & BEHAVIORAL SCIENCE

Source: Manuel Lopez-Leon, MD, Section Secretary

Congratulations to Richard Rosner, MD, Past President of AAFS (1996-1997), for being recognized as an AAFS “Distinguished Fellow” for his extensive contributions to our society as well as to the forensic sciences involved in psychiatry.

Dr. Rosner retired as Medical Director of the Bellevue Forensic Psychiatry Clinic and as the New York University School of Medicine Director of the Forensic Psychiatry training program. He had a retirement party on July 8 at Forlini’s Restaurant, just a block away from the Manhattan Criminal Court building (the famous courthouse on 100 Centre Street), were many close friends, colleagues, and several generations of his disciples attended. Those who know Dr. Rosner know that his retirement only means that he will have more time on his hands to take on more projects. I couldn’t put it better than he did during a speech at his retirement party, and I quote from Dr. Rosner, “this may be a retirement party, but anybody who thinks this guy is over and done with, doesn’t know him!”.

On another note, it is now time to register for the 41st Annual Meeting of the American Academy of Psychiatry and the Law (AAPL) in Tucson, AZ, JW Marriott Starr Pass Resort & Spa, October 21-24, 2010. The advance program is available at www.aapl.org and registration may be done online.

PSYCHIATRY & BEHAVIORAL SCIENCE

Source: Martha A. Blake, MCrin, Section Secretary

Start making your plans now to join your colleagues at the annual meeting in Chicago. Book a room now so when they run out of rooms, you won’t have to commute to enjoy AAFS hospitality in what may be inhospitable weather. Robin Hunton (robin.hunton@ci.irs.gov, 312-553-7004) and Larry Olson (Larry.Olson@ci.irs.gov, 312-553-7025) have an informative program lined up and hope that you can all attend.

Be reminded that publication in the Journal of Forensic Sciences or the Journal of the American Society of Questioned Document Examiners is one of the requirements for promotion to Fellow, so review your promotion requirements and apply for next year if you qualify. Do you know of someone who is training in QD and would be interested in joining our section? Have them contact me or Section Chair Carl McClary to get them involved!

Some 2011 Regional Training Opportunities of Interest
The Southeastern Association of Forensic Document Examiners

continued on page 34
The Southwestern Association of Forensic Document Examiners (SWAFDE) 30th Anniversary Meeting will be held in Scottsdale, Arizona on May 20–22, 2011, at the Hilton Scottsdale Resort & Villas. A program has not been finalized, although a workshop or two have been discussed as possibilities along with a tour of a new Xerox printing facility. Suggestions for workshops are welcomed. Any questions, please call or email Alan Kreitl (akreitl@azdps.gov, 602-223-2375).

The 2011 Annual Meeting of the Mid-Atlantic Association of Forensic Scientists will take place in Virginia Beach, VA, on May 23-27, 2011. The keynote speaker, Fenella G. France, will present Spectral Imaging for Preservation Forensics of Historic Founding Documents at the Library of Congress, which should be of interest to all of our section members. Also, the MAAFS Meeting QD Workshop information will be posted at www.maafs.org, click on the Annual Meeting Link.

**TOXICOLOGY**

**Source: Kenneth E. Ferslew, PhD, Section Chair**

First and foremost, I would like to congratulate AAFS Past President Kurt M. Dubowski for being named AAFS Gradwohl Laureate! Dr. Dubowski has been selected to receive the R.B.H. Gradwohl Medallion, the Academy’s highest honor. This will occur in Chicago during the Annual Business Meeting on Wednesday, February 23, 2011.

The program for the 2011 AAFS Annual Meeting in Chicago, IL, is shaping up extremely well. Section Program Chair Ruth Winecker (winecker@ocme.unc.edu, 919-445-4428) and Section Workshop Chair Loralie Langman (langman.loralie@mayo.edu, 507-284-8408) have been working very hard behind the scenes organizing things for this year. In the numerous workshops available, there are two sponsored by our section which you may want to check out: “Tips and Tricks to Improve the Interpretive Value of Postmortem Toxicology” chaired by Michele Merves and Jayme Thatcher and “K2 and Beyond: A Synthetic Cannabinoid Primer” chaired by Sherri Kacinko and Lindsay Reinhold. Several members of our section are participating in these workshops and have lots of information to share with attendees on these topics. The Toxicology Section members have also been active this year in research with 26 posters on a variety of topics and 43 platform presentations included in the Drugs and Driving, Pediatric Toxicology, Multidisciplinary - Toxicology and Pathology/Biology, New Drugs, and Methods and Uncertainty Sessions accepted for presentation. There will also be an informative session updating everyone on the Scientific Working Group in Toxicology’s (SWG-TOX’s) activities for this past year. The Annual Lectureship in Toxicology will feature scientific writer Deborah Blum (author of *The Poisoner’s Handbook: Murder and the Birth of Forensic Medicine in Jazz Age New York*) with a literary historic perspective of toxicological cases in the Medical Examiner’s Office of New York. Please make sure to attend the Toxicology Open Forum hosted by Chip Walls and Bob Zettl for an evening of good fellowship, opportunities to share experiences, and enjoy some good desserts. Please note and thank our financial contributors for their generous support without which we would not be able to provide as enjoyable a meeting as we have become accustomed to. Our initiative to increase our membership in the Toxicology Section by having each of us recruit a new member or help promote a current member has brought in numerous applications. As of September, AAFS has received 45 applications for membership and 7 applications for promotion. These are being reviewed by the Membership Committee and hopefully we will have lots of new members approved and many of them will be attending in Chicago. Please keep up the good work. If you wish to help with activities or become involved with committees to help with your promotion, or just because you like working with your friends and peers, please get in touch with Section Chair Ken Ferslew (ferslew@etsu.edu, 423-439-6424), Section Secretary Phil Kemp (pkemp@arlok.com, 405-271-1144), or this year’s program or workshop chairs and volunteer your services. Look forward to seeing you in Chicago!
FSF Endowment Fund Contributors

QUESTIONED DOCUMENTS

Up to $50 - “Board Member”
Janis Tweedy, BA

FSF “I Gave An Hour” Contributors

Former FSF Trustee Gil Brogdon came up with a great idea for Academy members with advanced degrees. The idea was for everyone to consider contributing to the FSF the equivalent of one hour of their annual salary or the equivalent of the fee charged for one hour of consultation. The forensic sciences have been good to all of us. If you make a lot, consider contributing a lot! For salaried persons, one hour represents about 1/2000th of annual income. For those who receive consulting fees, please consider contributing an amount consistent with one hour (or more) of what you charge for consultation. The fund’s balance through 09/30/10 was $26,010. For those of you who would like to contribute, please complete the IGAH form below and return to the AAFS office. Please consider digging deeper than you ever have before to support the Forensic Sciences Foundation’s grant and research fund.

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**In Memoriam**

Charles O. Barclay, Jr., MD  Retired Fellow of the Pathology/Biology Section, December 2009
James D. Barger, MD  Retired Member of the Pathology/Biology Section, April 2002
Homer R. Campbell, Jr., DDS  Fellow of the Odontontology Section, September 2010
Ivan W. Conrad, MA  Retired Fellow of the Criminalistics Section, September 2005
Robert H. Cravey, BS  Retired Fellow of the Toxicology Section, October 2010
Robert A. Freed, BS  Fellow of the General Section, September 2010
Leo Gelfand, MD, JD  Retired Fellow of the Jurisprudence Section, April 1991
Wallace M. Graves, Jr., MD  Retired Fellow of the Pathology/Biology Section, January 2010
E. Jane Hesler  Retired Fellow of the General Section, January 2007
Robert E. Litman, MD  Retired Fellow of the Psychiatry & Behavioral Science Section, February 2010
John B. McPhee, Jr., MFS  Associate Member of the Questioned Documents Section, October 2010
Willys F. Mueller, Jr., MD  Retired Fellow of the Pathology/Biology Section, May 2007
Gabriel L. Plaa, PhD  Retired Fellow of the Toxicology Section, November 2009
Edward Thompson, BS  Retired Fellow of the Toxicology Section, June 2009
Herbert R. Wetherell, PhD  Retired Fellow of the Toxicology Section, July 2010
Hobart R. Wood, MD  Retired Fellow of the Pathology/Biology Section, August 2010
going ballistic(s)

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Ballistics is, in forensic science and its courtroom applications, a noisome but pervasive misnomer. But in the real world of “slangers” it has become a well-received equivalent in characterizing one who is fighting mad.

Unfortunately there is a dour relationship between the misuse of the word ballistics in firearms matters and its companion usage in contemporary slang parlance – by reason of the hard-boiled fact that those who go ballistic all-too-often resort to firearms to vent their anguished spleen.

The origin of the misuse of the word ballistics (the Shorter OED defines ballistics as the science of projectiles) has been ascribed to Calvin Goddard, father of the use of the comparison microscope in firearms identifications. Goddard, in a landmark 1925 paper, (Goddard, C. H., “A History of Firearms Identification,” AFTE Journal 12 (4) , p. 38-57) introduced the scientific world to the field of “forensic ballistics” as he titled it. But in a 1999 reprint of a 1953 address by Goddard (Goddard, C.H., “History of Firearms Identification to 1930,” AFTE Journal 31(3), 225-241) he maintains the title of his 1925 paper “has plagued me ever since” even though he selected the terminology only “after long and prayerful consideration and in an effort to employ terms that would be concise and … meaningful.” Even other firearms notables like Julian Hatcher have rued the day that “the word ‘ballistics’ has … become associated in the public mind with the science of firearms identification.” This misuse is now so well entrenched that it should be enough to make firearms experts go ballistic.

Yet that view is not entirely accurate for it is to be observed that Brian Heard in the second edition (2009) of his textbook Handbook of Firearms and Ballistics (Wiley) continues to consider firearms and ballistics to be two separate entities. Would that the courts would do the same, whereas it was not unexpected to find ballistics misapplied in the CSI Miami program entitled “Going Ballistic.” In that episode the viewer sees a “rolling bullet cause a ceiling collapse and fire in the ballistics lab.”

In a 2004 5th edition of a book by Rinker titled Understanding Firearm Ballistics (Clarksville, Ind.: Mulberry House Publishing) a distinction is proposed between four types of ballistics usages, only the last of which appertains to the work of firearms’ examiners in identifying a bullet or cartridge case to a weapon. According to Rinker the four categories are:

1. internal ballistics which relates to “the forces that operate on the bullet while still inside the firearm;”
2. external ballistics which refers to the flight of the bullet from the firearm to the target;
3. terminal ballistics which describes the result of the bullet’s impact on the target; and,
4. forensic ballistics which, as Goddard propounded, seeks to discover a link between a bullet or cartridge case to a particular weapon

It was not unexpected that the word “ballistics” would rear its inappropriate head in opinions from the courts. In addition even in well-crafted opinions on the admissibility of firearms identification testimony such as that of Massachusetts Federal District Court Judge Nancy Gertner in U.S. v. Green, 405 F.Supp. 2d 104 (D. Mass. 2005) where the rubric of
judicial exactitude gets muddied when the word ballistics appears.

In the situation in the Green case the data-base of two dimensional firearms identification markings known as the Integrated Ballistics Identification System (IBIS) is misdescribed in the district judge’s opinion as the “Integratable (sic) Ballistic (sic) Identification System (IBIS)” Similarly in People v. Pursley, 2003 Ill. App. LEXIS 784 all the parties, prosecution and defense and the judge misperceived the thrust of the defendant’s post-conviction request for a “test under IBIS.” IBIS is not a test, scientific or otherwise. Rather it provides a searchable data-base of identifiable firearms information of a two dimensional nature. Thus it is not to be classed with DNA testing or even fingerprint analysis under the Illinois statute providing for post-conviction testing as was inappropriately requested in the Pursley case.

As the 2008 report of the National Research Council of the National Academies, titled Ballistic Imaging, put the difference between ballistic imaging and firearms identification: “Ballistic imaging is a means of searching across a large number of exhibits...to suggest possible matching candidates. Ballistic imaging would more accurately be described as a form of computer-assisted firearms identification.” (p. 26)

If that be so, as it most assuredly is, then why not more correctly speak of CAFI (computer-assisted firearms identification) than the misleading IBIS with its even more confusing and erroneous labeling to what some call “ballistics fingerprinting.” Is this continuation of the mischaracterization of ballistics so firmly rooted as to be irremediable? Are we confronted in science with a hardened usage which will be a precedent for its continued misuse? Or is its continued misuse to render it acceptable as a neologism?

The befuddling use of the term ballistics has created even more ferment when used to define the opinion of firearms examiners. The courts have been confronted with and taken exception to the firearms’ examiner’s calling his/her opinion as one made to a reasonable degree of certainty in the ballistics field. United States v. Diaz, 2007 U.S. Dist LEXIS 13152. Yet that labeling of a firearms’ opinion has been deemed preferable to one which preaches that the matching identification is one that excludes all other firearms in the world., according to Judge William Alsup in U.S. v. Diaz, supra

Another Federal District Court judge, Judge Patti Saris, in U.S. v. Monteiro, 407 F.Supp. 2d 351 (D.Mass. 2006) phrased her reservations concerning the language of a firearms examiner’s opinion somewhat differently from Judge Alsup in U.S. v. Diaz To Judge Saris a firearms examiner may “testify to a reasonable degree of ballistic (there’s that “B” word again) certainty” eschewing any assertion of “any degree of statistical certainty, 100 percent or otherwise as to a match.”

In U.S. v. Anderson et al, a 40 page opinion on September 1, 2010 by Superior Court (D.of C.) Judge Lynn Leibovitz the prosecution is given judicial permission to have its firearms’ expert state his/her opinion “to a reasonable degree of certainty in the field of firearms and tool mark identification” (Op. p. 33) Yet in footnote 20, also on p. 33, the government is authorized to have its expert state an opinion as “a reasonable degree of ballistic certainty.” Judge Leibovitz justifies this conjoining of firearms and ballistics by declaring that there is only a “technical distinction” between ballistics and “firearms and tool mark analysis.” Are we to assume that the word “technical” is meant to suggest, erroneously, that the usages are synonyms?

The basis for the Federal courts’ reservations as to how definitive a firearms match might be is a recognition that the strength of a firearms examiner’s conclusion is weakened by the recognition that that opinion “is largely a subjective determination based (not on objective, verifiable criteria founded in sound statistics) but on the examiner’s “experience and expertise.” (U.S Monteiro, supra)

Ambrose Bierce, not a firearms or ballistics expert, was an expert, however, in the sly and scathing remark. His definition of experience, by whomsoever claimed, cuts to the quick and, maybe, to the throat as well. Experience, to Bierce, is “The wisdom that enables us to recognize as an undesirable old acquaintance the folly that we have already embraced.” The Devil’s Dictionary, p. 39, N.Y.: Dover Publications, Inc. 1958.

In the text of Ballistics Imaging, p. 55, it is likewise said that “the decision on what does or does not constitute a match comes down to a subjective determination based on intuition and experience” which is hardly a scientific (statistical) method of assessing the reliability of a match between a bullet, cartridge case and a firearm.

The 2009 report of the National Research Council of the National Academies, Strengthening Forensic Science in the United States: A Path Forward (NRC Report) pirouetted around the issue of whether firearms identifications are scientific in nature. Yet it seems fair to say that that report does not adopt the error-laden position that ballistics and firearms identifications are coterminous. However on p. 44 of the NRC Report mention is made of “the 10 % error rate in ballistic evidence” at the Detroit lab which sufficed for the Michigan State police to shut it down.

The published comments from those skilled in firearms matching (another slippery word needing restricted use and careful elaboration when used) determinations confirm the “relatively high subjectivity” of firearms and tool mark identifications. According to Thornton and Peterson in their “The general assumptions and rationale of forensic identification” in Faigman et al, (eds), Science in the Law: Forensic Science Issues, St. Paul, Mn: West, 2002 on a “continuum of relative subjectivity” they class firearms identifications as just slightly less subjective than voiceprint
and bite mark analyses which have themselves fomented widely recurring criticisms for their rank subjectivity.

The NRC Report does not undertake to recommend that the subjectivity of firearms identifications is so egregious as to warrant such test results to be declared inadmissible in a court of law, but the considerable involvement of “subjective qualitative judgments by examiners”...based on unarticulated standards and no statistical foundation for estimation of error rates” point to the imperative of “a significant amount of research .. to scientifically determine the degree to which firearms-related toolmarks are unique...” (NRC Report, p. 153-154) To sum it up, firearms identifications do not qualify as science in action.

Two cases there are where the clear and definable distinction between firearms identifications and ballistics stands out plainly. In State v. Kunze, 988 P.2d. 977 (Wash. App. 1999) a prosecution was commenced in which an ear print became a vital part of associating the defendant to a crime scene. But what type of expert would be qualified to testify to the necessary ear print matching? The prosecution called a number of persons from different disciplines, such as a fingerprint expert, a forensic anthropologist and a firearms/tool mark expert to give evidence on the matter at hand (sic ear), The tool mark expert, Michael Grubb, now an official in the accrediting agency known as ASCLAD-Lab, saw his task as simply taking a soft object (the ear of the suspect) and determining whether it left the imprint on the hard object (the exterior door). He saw this activity as merely a spin-off of his firearms/tool mark testing.

However the Washington appellate court did not countenance this so-called tool mark comparison by dint of its not being generally accepted in the field of tool mark examinations. In no wise was ballistics given the slightest airing.

A second instance where firearms was in issue but ballistics was demonstrably absent occurred in South Dakota. (State v. South Dakota, 2010 S.D. Lexis 104. Here it was undisputed that Kenneth C. Huber, a philandering former Chief of Police in South Dakota, had wielded a handgun, a Glock 40 with black talon, which had fired once hitting his wife in the forehead, killing her instantly. The sole question for the jury was whether the shooting was intentional or accidental. The state called one John Farnam, a training expert in the use of firearms, to testify that persons in the firearms field would steadfastly keep their finger off the trigger unless the gun is to be fired and that a qualified Glock Armorer as the defendant was at all relevant times would not “in a practical sense...discharge (a weapon) accidentally.”

All the defendant’s objections to Farnam’s testimony were rejected by the South Dakota Supreme Court but Huber’s conviction was reversed notwithstanding since Huber’s expert, a Dr. Roger Enoka, was not allowed to testify that “well-trained law enforcement officers (like Huber) do unintentionally discharge their weapons.” Dr. Enoka was neither a firearms nor a ballistics expert nor was his rejected testimony on either of those matters. He proposed to testify in the areas of kinesiology, biomechanics, neurophysiology and neuromechanics, to explain “human movement including how the muscles contract and work within the body.”

The reviewing court saw Dr. Enoka’s testimony as relevant and of importance to a sound jury determination on the issue of accidental discharge vs. intentional discharge. Nothing, nary a word, was said about the input of ballistics which the D.of C. court in State v. Anderson, supra saw as only technically distinct from firearms expertise and so many other courts have misconceived to be tightly allied to firearms identifications. The trajectory that leads the courts and the commentators to such a conclusion is sorely misdirected and misaligned.
The following individuals have submitted applications for Associate Member, Trainee Affiliate, or Student Affiliate. Applications that are received and completed by October 1, 2011, will be considered for approval at the February 2011 Board of Directors Meeting. Due to space constraints, AAFS does not list members who are applying for promotion to Fellow or to Member. Comments or concerns regarding an applicant should be submitted in writing to: Cheryl Hunter, Membership Coordinator, AAFS, 410 North 21st Street, Colorado Springs, CO 80904; chunter@aafs.org. Comments must be received by February 11, 2011.

Applicants

CRIMINALISTICS

Associate Member
Adesunkanmi, Seniat Omotayo, MSc
Lkoyi, Nigeria
Agbo, Benedict, MSc
Lagos, Nigeria
Anderson, McKenzie, MFS
Saint Paul, MN
Andrews, Amanda L., MS
Perkasie, PA
Barnhart, Justin P., BS
Richfield, OH
Beam, Katherine N., MS
Jamaica, NY
Beaven, Mary A., MFS
Cheyenne, WY
Beckert, Jason C., MS
Elgin, IL
Bienvenue, Joan M., PhD
Fredericksburg, VA
Bobyn, Michele L., MS
Pueblo, CO
Boissaye, Rebecca, MSc
Boston, MA
Borchardt-Gardner, Andrea, MS
Lorton, VA
Bride, Mollie K., MS
Baton Rouge, LA
Briley, Eileen M., MS
Hagerstown, MD
Brunner, Lorne L., MS
Chamberlain, SD
Buch, Rebecca E., PhD
New York, NY
Cabrals, Melting, MS
Los Angeles, CA
Caponera, Jay, MS
Albany, NY
Cardosa, Kristin M., BS
San Jose, CA
Carter, Ashley N., MSFS
Central Point, OR
Casey, Lisa, BS
Tulalip, WA
Cohen, Peter A., PhD
Honolulu, HI
Colen, Alan H., PhD
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Corbin, Kerre, BS
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Good, Brandon, BS
Northville, MI
Gormley, Elizabeth, MS
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Graham, Laura M., BS
Jackson, MS
Graham, Erin J., MSFS
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**Applicants cont.**

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**Trainee Affiliate**

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Banner-Poole, Antia J.
Winston Salem, NC
Barker, Jessica
Williamsburg, VA
Barlas, Jessica T.
North Kingstown, RI
Bartman, Jennifer L., BS
Wyoming, MI
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Berghorn, Samantha
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Bierly, Jolene
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Bray, Sherry
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Lamoni, Valerio
Leece, Italy
Larson, Lisa N., BS
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Lawson, Jennifer M., BS
Dallas, TX
Lee, Elizabeth A., BS
Flushing, NY

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<td>Rainey, Christina, BS</td>
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<td>Riggs, Brandy A.</td>
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<td>Riggs, Jennifer R., BSE</td>
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<td>Ripplley, Angela D., BS</td>
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<td>Romero, Amanda W., BS</td>
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<td>Hempstead, NY</td>
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<td>Seaboy, Jody</td>
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<td>Shea, Jessica A.</td>
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<td>Simpson, Brianna</td>
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<td>Slivka, Emmi</td>
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<td>Smith, Taunya M.</td>
<td>Wahiawa, HI</td>
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<tr>
<td>Spera, Joseph V., BS</td>
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<tr>
<td>Stollf, Michelle C., BS</td>
<td>East Lansing, MI</td>
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<tr>
<td>Strange, Nicholas A.</td>
<td>Indianapolis, IN</td>
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<tr>
<td>Streb, Leah H.</td>
<td>Chatsworth, CA</td>
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<tr>
<td>Symonds, Mary L., BS</td>
<td>Huntsville, TX</td>
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<td>Szymborski, Thomas M., Jr.</td>
<td>Hartselle, AL</td>
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<td>Des Moines, IA</td>
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<tr>
<td>Thomas, Derryn, BS</td>
<td>Richmond, VA</td>
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<td>Thomasma, Sarah M., BA</td>
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<td>Tiesma, Danielle, BS</td>
<td>Washington, DC</td>
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<td>Timmerman, Rachel</td>
<td>West Allis, WI</td>
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<td>Tito, Justine M., BS</td>
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<td>Torres, Erica C., BS</td>
<td>Wyncote, PA</td>
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<tr>
<td>Tradel, Aran J.</td>
<td>Lubbock, TX</td>
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<td>Van Alstyne, Lindsey, BS</td>
<td>West Haven, CT</td>
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<tr>
<td>van den Heever, Katherine, BA</td>
<td>Richmond, VA</td>
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<tr>
<td>VanDegrift, Emily A., BA</td>
<td>Wyncote, PA</td>
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<tr>
<td>Vent, Wendy M., BA</td>
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<td>Voelker, Karen E., BS</td>
<td>Elkins Park, PA</td>
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<td>von Mayer, Wilhelm R.</td>
<td>Saint Francisville, LA</td>
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<td>Voshell, John</td>
<td>Camden Wyoming, DE</td>
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<tr>
<td>Watson, Anna, BS</td>
<td>Lubbock, TX</td>
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<td>Weisel, Stephanie</td>
<td>Dunmore, PA</td>
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<td>Wepy, James</td>
<td>Staten Island, NY</td>
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<td>White, Rachel E., BS</td>
<td>Fort Worth, TX</td>
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<tr>
<td>Williams, Teresa J., BS</td>
<td>Saginaw, TX</td>
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<tr>
<td>Wogan, Megan, BS</td>
<td>Brighton, MA</td>
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<tr>
<td>Wolcott, Helen, BS</td>
<td>Los Angeles, CA</td>
</tr>
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<td>Wood, Martha</td>
<td>Boon, NC</td>
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<tr>
<td>Worley, Caleb W.</td>
<td>Leesburg, OH</td>
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<tr>
<td>Worthen, Catharine A., BS</td>
<td>Tulsa, OK</td>
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<td>Yearsley, Sarah M., BS</td>
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Academy News
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San Antonio, TX
Boaks, Amelia M.R., BA
Boston, MA
Brito, Desire’, MSc
Pretoria, South Africa
Cardoza, Ana M., BA
Lawrence, MA
Cunningham, Sarah L., MA
Binghamton, NY
Dautartas, Angela M., MA
Knoxville, TN
DeCosta, Kenneth J., BS
Boston, MA
DesMarais, Angel M., BA
Manville, RI
Dickson, Gemma Caroline, BSc
Dunedin, New Zealand
Dimmer, Caroline Ann, BA
Gainesville, FL
Dingle, Megan L., BA
Baton Rouge, LA
Ellingham, Sarah, BSc
Schwarzenberg, Germany
Elrod, Paige W., BA
Baton Rouge, LA
Fan, Julia, MA, MSc
Amherst, MA
Ferreira, Jennifer E., BS
Bournemouth, United Kingdom
Figueroa-Soto, Cristina, BS
San Marcos, TX
Getz, Sara Marie, BS
Erie, PA
Goliath, Jesse R.
Columbus, OH
Hayashi, Atsuko, BA
Hickam AFB, HI
Healy, Carrie
Orlando, FL
Hernandez, Consuelo, BA
Azusa, CA
Hertzog, Jennifer Ann, BS
San Pedro, CA
Kolpan, Katherine E., MA
Gainesville, FL
Kovarik, Kristina, BSc
Preston, United Kingdom
Leonard, Kristin E., BS
Boston, MA
Lomba, Christina M., BA
Sewanee, GA
Marks, Felicia
Saratoga Springs, NY
Medina, Jeziya
Las Vegas, NV
Millard, Alexandra B., BS
San Marcos, TX
Miner, Kacie, BA
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Moser, Alyssa C., MSc
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Murray, Samantha J., BA
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Associate Member
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Hefner, Joseph Timothy, PhD
Hickam AFB, HI
Lee, U Young, MD
Seoul, Korea
Marrero, Ingrid J., MA
San Antonio, TX
Minetz, Jolen Anya, MA
Hickam AFB, HI
Moore, Megan K., PhD
Dearborn, MI
Nugent, Teresa G., MA
San Marcos, TX
OBrien, Claire, MS
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Pinto, Deborah C., PhD
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Potter, Wendy E., PhD
Denton, TX
Rainwater, Christopher W., MS
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Sanders, Jason L., MS
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Wieberg, Danielle A.M., MA
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Gainesville, FL

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Chiesi, Maurizio, DPsysch
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Bryan, Vladimir
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Darlington, Judy A.
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Davies, Carly A., BS
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Janes, Karnyn M., BS
Grand Rapids, MI
Nash, CaraJoy, AAS
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Veal, Elliott W., BA
Lincoln, NE

TOXICOLOGY

Associate Member
Arango, Elba J., BS
Flushing, NY
Beck, Rachel Crocker, BS
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Bishop-Freeman, Sandra C., PhD
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Busser, Nicole R., BS
Phoenix, AZ
Chipurici, Marius, MD
Oradea, Romania
Collins, Bryan T., MS
Laurel, MD
Drewieck, Kristin M., BS
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Flanagan, Marianne
Willow Grove, PA
Fleming, Steven W., MS
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Friedberg, Barry L., MD
Newport Beach, CA
Halphen, Aimee M., MS
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Harre, Nicole M., MS
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Howard, Joseph T., BS
Nashville, TN
Hui, Augustina, MFS
Hong Kong, Hong Kong
Jango, Amy, BS
Norfolk, VA
Johnson, William R., BA
Madison, WI
Jones, Connie E., MBA
Okahoma City, OK
Malik, Brittany M., MS
Springfield, MO
Martin, Thomas M., PhD
Fort Sam Houston, TX
Mitchell, John M., PhD
Research Triangle Park, NC
Musko, Faith L., MS
Indianapolis, IN
Parker, Dawn R., MFS
Phoenix, AZ
Rama, Sumandeep, MS
Santa Rosa, CA
Shu, Wayne, MS
Pikesville, MD
Spargo, Erin A., PhD
Dallas, TX
Tanner, Mike, MS
West Allis, WI
Villena, Vincent P., BS
Scottsdale, AZ
Waters, Laura S., MSFS
Pikesville, MD
Wojtasinski, Dana, BS
Billerica, MA

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Ayala, Jessica L., MSFS
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Bush, Scott M., BS
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Dowrey, Delisa N., MS
Pocatello, ID
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Hassler Newsom, Kira A., BS
The Woodlands, TX
Mai, Mary E., MSFS
Baton Rouge, LA
Mercer, Jennifer W., PhD
Manassas, VA
Renson, Christine M., MS
Austin, TX
Sathiraj, Tamja, BS
The Woodlands, TX
Singh, Bhoopendra, PhD
Ranchi, India
Tarabah, Mohamad M., MS
Dearborn, MI

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Dela Cruz, Danielle A., BS
Lake Dallas, TX
Ellefsen, Kayla N., AAS
Innisfil, ON Canada
Epps, Anthony S., BS
Leroy, NY
Gao, Yuanwei, BS
Huntsville, TX
Harris, Travis, BS
Richmond, VA
Hastings, Michelle Lynn, BA
Springfield, VA
Languirand, Eric R.
Waldorf, MD
ORourke, Stephen
Dublin, Ireland
Ortiz, Francisco L., BS
Huntsville, TX
Outen, Virginia Lauren
Richmond, VA
Schorr, Kaitlyn, BS
Huntsville, TX
Spurrier, Kathrine
Baltimore, MD

Academy News
Greetings Young Forensic Scientists! As the fall months fly by and with the holidays rapidly approaching, you should keep one very important date in mind. That date is the registration date for the 2011 AAFS Annual Meeting. Registration begins in mid-to-late November, and the special session registration deadlines are not far behind. Every year, more and more new and young forensic scientists register for the Young Forensic Scientists Forum Special Session, so make sure you register early to ensure your spot; furthermore, there is no on-site registration for the YFSF Special Session, so make sure you pre-register by the January 26 deadline.

The YFSF Special Session has been growing in popularity for a number of years; in the past, we have had waiting lists for people to get into the session. We regret having to turn anyone away, but we are limited by the size of the venue where the meeting is held. Check out the articles on session events from the YFSF program chairs and co-chairs, since they have been working hard to put together another amazing year. Also, if you were unable to get your abstract in on time to present at AAFS, or if you are a little shy about presenting in front of a large audience, do not forget that you can submit your abstract to us for the YFSF Bring Your Own Slides and Bring Your Own Poster Sessions. So get those abstracts in! Looking forward to seeing you all in Chicago!

Tanisha Henson, BS (tanisha.henson@yahoo.com)
2011 YFSF President

Questions and Answers from the YFSF Secretary
Greetings everyone—I hope you are having a happy fall season! The previous newsletter’s Q&A section was well received, so I have decided to continue with this newly implemented section. If you have any questions that you would like for me to answer in future newsletters, please send your questions to lpharr1@tigers.lsu.edu.

Can I attend the YFSF events at the upcoming meeting in Chicago even if I am neither a member of the YFSF nor AAFS?

ANSWER: Yes, you can attend the upcoming meeting and workshops, but you will need to register for the workshops, special sessions, breakfasts, or lunches you would like to attend and pay the appropriate registration fees. Please visit www.aafs.org/aafs-2011-annual-meeting for additional information. If you plan to attend the YFSF Special Session on Tuesday, February 22, 2011, or any of the other workshops, please pre-register because there is no on-site registration, and we would hate for you to miss out on any opportunity.

Lauren Pharr, MA
YFSF Secretary

Financial Liaison
The YFSF relies on the support and contributions of the forensic community to make our Special Session a success each year. Events held at each meeting include a day-long YFSF Scientific...
Session, a working Breakfast Session, a Bring Your Own Slides presentation, and a Poster Session. These sessions are critical in the professional development of young scientists trying to establish a solid foundation in the field of forensic science.

In the past, we have received both monetary and educational support from AAFS sections, universities with FEPAC accredited programs, and various forensic science vendors. We would like to thank our current sponsors who have pledged their support for the 2011 YFSF Special Session:

- AAFS Criminalistics Section
- AAFS General Section
- Laurentian University
- University of Alabama at Birmingham

It’s not too late! If you or your group is interested in providing support for the 2011 YFSF Special Session, whether through a financial contribution or donation of materials, please contact Jackie Jenkins at j.jenkins71@gmail.com.

Jackie Jenkins, PhD, MSFS
YFSF Financial Liaison

YFSF Breakfast Session
Greetings from Mississippi!! I hope everyone has enjoyed his or her summer. We are getting closer to the meeting in Chicago, and I am anticipating a great breakfast session. Many college students who have graduated or are getting ready to graduate must get use to the idea of dressing in a professional manner. Most students, myself included, were in the habit of getting ready for class by throwing on a pair of blue jeans, a t-shirt, and tennis shoes, putting a hat on and running out the door for class. It did not matter what you wore to class, primarily because you did not have to dress to impress anyone. However, once you graduate, you have to dress a certain way to be taken seriously. Everyone likes to believe that appearances do not matter. Unfortunately, your outward appearance is the first thing that people notice when you walk into a room.

Would you wear jeans to a job interview? Would you wear a cocktail dress to a seminar? Would you wear jeans and a t-shirt to a professional conference? Would you wear a mini skirt and tank top to testify in court? I would hope the answers to those questions would be a huge NO!!!

Those who plan to attend the 2011 YFSF Breakfast Session will learn how professional attire, general appearance, and demeanor may affect your credibility and prospect of being hired to work at either a forensic laboratory or company. Our speakers will include Anjali Swienton, of SciLawForensics; Robin Bowen, West Virginia University Forensic Science Initiative; Lucy Davis, Northeast Regional Forensic Institute (NERFI); and Susan Ballou, Office of Law Enforcement Standards.

This year’s YFSF Breakfast Session will be a lot of fun and informative. The Breakfast Session should give everyone a better idea on how to add characteristics of professionalism to his or her resume. We will also have a resume review panel. The panel will be made up of professionals within the Academy. If you have any questions concerning the Breakfast Session or the resume panel email me at mdeberry@mcl.state.ms.us.

Melissa DeBerry
YFSF Breakfast Session Chair

YFSF Special Session
A criminal investigation is like putting together a puzzle without the box top—many pieces exist, but you do not know what the final picture is really supposed to be. As an investigator receives more information, connections are made, links are unveiled, and the picture, while it may never truly be complete, becomes a little clearer.

Large portions of those connections are made through forensic science and analysis. Individual analysts may work different pieces of evidence, or a single analyst may interpret the reports of other examiners to come up with new conclusions. All of the work forms a web of information that a prosecutor can use to create a single theory of a crime that will be presented in court. This year’s Young Forensic Scientist Forum (YFSF) Special Session will focus on how evidence connections are made and interpreted.

Before we begin the scientific presentations, AAFS President Joe Bono will instruct us on how to keep the science in forensic science, Membership Coordinator Cheryl Hunter, will share with us the procedures for becoming an AAFS member, and Michael Peat will outline the dos and don’ts of publishing in the Journal of Forensic Sciences. Paul Kisch will kick off the scientific presentations by sharing the role that bloodstain pattern analysis can play in a death investigation. Then Kristine Olsson, a trace chemist, will show us how multidiscipline evidence should flow through the lab, and Mary Case will tell us how pathology is useful in solving crimes. The Emerging Forensic Scientist winner Jordan Brough will finish the morning by discussing his method for determining what software was used to print a questioned inkjet document.

During the afternoon, Steve Ousley will discuss the holistic nature of anthropology, and Maria Allaire and Robert Barsley will review interesting death crime scenes. Richard Vorder Bruegge returns again this year to share how forensics benefits from biometric modalities. The special session will all come together as retired District Attorney Rocky Harmon explains how effective collaboration is needed in the justice systems to ensure appropriate outcomes.

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Young Forensic Scientists Forum cont.

We hope that you will join us for this exciting line up of speakers; however, to participate in the YFSF Special Session you must pre-register. You can register at the AAFS website www.aafs.org/aafs-2011-annual-meeting. Also, as you are planning your trip to Chicago, think about if you would like to share a room with another young forensic scientist. If you need help finding a roommate, feel free to email Jenna Oakes-Smith (jloakes-smith@slmpd.org) or Amanda Kittoe (akittoe@gmail.com), and we will research roommate options for you. If enough people email us, we may be able to place students in direct contact with others looking for a roommate. As always, if you have any questions or comments, feel free to write Jenna Oakes-Smith (jloakes-smith@slmpd.org) or Amanda Kittoe (akittoe@gmail.com).

Jenna Oakes-Smith Amanda Kittoe, BA
YFSF Special Session Chair YFSF Special Session Co-Chair

YFSF Bring Your Own Slides
Hello young forensic scientists! We are drawing even closer to the February meeting. We appreciate all those who have expressed interest in the BYOS event and we are continuing to accept CVs and abstracts. We would like to know if you have: 1) research that contributes to the field of forensic science; or, 2) a case or an important topic from which young and emerging forensic scientists would benefit.

Presentations and publications are an important part of gaining experience, building your CV, and becoming the type of forensic scientist who makes a contribution to the field.

If you are interested in presenting, please send an abstract and your CV to Martin Overly at martin.overly@mail.wvu.edu or Alison Mostrom at alison.p.mostrom@usdoj.gov. Abstracts and CVs need to be submitted by December 15, 2010.

We look forward to hearing from you!

Martin Overly, MS Ali Mostrom, MSFS
BYOS Chair BYOS Co-Chair

YFSF Poster Session
Young Forensic Scientists, ask yourselves the following three questions:
1) Have you been working on an interesting research project or forensic case?
2) Would you like the chance to build your curriculum vita and get feedback from professionals in your field?
3) Are you an undergraduate student, graduate student, or new forensic professional that is interested in presenting at the 2011 AAFS meeting in Chicago?

If you answered yes to any of these questions, then the Young Forensic Scientists Forum Poster Session is the place for you!

The 2011 YFSF Poster Session can provide you with the opportunity to present your research and/or interesting cases in a friendly setting to get feedback and experience at the beginning of your career. At last year’s YFSF Poster Session in Seattle, 16 posters, by 52 authors were presented to the forensic community. These 16 posters were very well received, and several diplomats visited the YFSF Poster Section to provide constructive comments and feedback.

If you are interested in presenting at the YFSF Poster Session, please submit your curriculum vita and a one to two page abstract by January 1, 2011, to the YFSF Poster Chair, Stephanie Crider at crider_smi@yahoo.com.

If you have any questions, feel free to email Stephanie as well. We are looking forward to reading all of your submissions and having an amazing poster session in Chicago!

Stephanie M. Crider, MA
YFSF Poster Session Chair

Stephanie M. Crider, MA
YFSF Poster Session Chair
Meetings & Conferences

NOVEMBER 2010

1-5
Detection, Recovery and Examination of Footwear Impression Evidence—Hosted by the Salt Lake City Police Department in Salt Lake City, UT.
CONTACT: William J. Bodziak
(386) 447-3567
wbodziak@earthlink.net

2-4
The 3rd International Conference on Criminal and Environmental Soil Forensics—Sponsored by the California Association of Criminalists and the California Department of Justice—To be held in Long Beach, CA.
CONTACT: Marianne Stam
marianne.stam@doj.ca.gov
https://www.acsmmeetings.org/

2-4
Forensic Medical Investigation: Comprehensive Review and Skills Workshop—To be held in Phoenix, AZ.
CONTACT: Dr. Mary Dudley, MD
(913) 499-1520
mdudley2@kc.rr.com
www.forensicMI.com

6
Medicine, Health & Disease in Ancient Egypt—Presented by Joyce Filer, MSc—To be held at the University of London in Bloomsbury, London.
CONTACT: Richard
07973 695 168
riikki_promo@yahoo.co.uk

8-10
2010 IEEE International Conference on Technologies for Homeland Security—To be held in Waltham, MA.
CONTACT: http://iee-hst.org/

11-12
4th International Workshop on Computational Forensics—To be held in Tokyo, Japan.
CONTACT: http://iwc10.arsforensica.org/index.php/Main/Home

15-19
2nd Pan-American/Iberian Meeting on Acoustics—Tutorial and Special Session on Forensic Voice Comparison and Forensic Acoustics—To be held in Cancún, Mexico.
CONTACT: http://asa.aip.org/meetings.html
http://acustica-cancun.blogspot.com
http://cancun2010.forensic-voice-comparison.net

17-20
Syracuse University Dialogues in Forensic Science: Trauma—To be held at Syracuse University in Syracuse, NY.
CONTACT: forensics@syr.edu
www.forensics.syr.edu

18-21
H2O Criminalistics & Pathology Symposium—To be held at Magna Graecia University in Cantanzaro, Italy
CONTACT: www.underwatercsi.unicz.it
underwatercsi@unicz.it
+39 - 347.14.16.900

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Meetings & Conferences cont.

19-20
Cyril H. Wecht Institute of Forensic Science and Law 10th Annual Conference—Cause and Manner of Death—Hosted by The Cyril H. Wecht Institute of Forensic Science and Law—To be held at Duquesne University in Pittsburgh, PA.
CONTACT: wechtinstitute@duq.edu
www.duq.edu/forensics
(412) 396-1330

22-25
10th International Symposium on the Analysis and Detection of Explosives (ISADE)—To be held at the The Shine Dome in Canberra, Australia.
CONTACT: www.ncfs.edu.au/isade.html

29-Dec 2
The Annual Conference & AGM of the Canadian Society of Forensic Science—To be held at The Grand Hotel in Toronto, Canada.
CONTACT: Monica.Sloan@ontario.ca

DECEMBER 2010

6-10
Basic Bloodstain Pattern Analysis Workshop—Presented by the Specialized Training Unit at the Metropolitan Police Institute of the Miami-Dade Police Department, Doral, Florida.
CONTACT: Toby L. Wolson, MS, F-ABC
Miami-Dade Police Dept.
(305) 471-3041
Fax: (305) 471-2052
Twolson@mdpd.com

6-10
Forensic Evidence Course—To be held at the Double Tree Hotel San Diego Mission Valley in San Diego, CA.
CONTACT: www.ndaa.org/ncda

JANUARY 2011

10-14
Medicolegal Death Investigator Training Course—Sponsored by Saint Louis University—To be held in St. Louis, MO.
CONTACT: Mary Fran Ernst or Julie Howe
(314) 977-3970
http://medschool.slu.edu/mlid/

17-18
The Body as a Crime Scene: Forensics and Cold Case Investigations Seminar—Presented by Dr. Henry Lee with Dr. Leah Bush and Richard Conway—To be held at George Mason University in Fairfax, VA.
CONTACT: http://ocpc.gmu.edu/forcoldcase.html
(703) 993-8335

FEBRUARY 2011

20-21
2nd International Conference on Recent Advances in Forensic Sciences, Forensic Medicine & Toxicology—Organized by Indian Association of Medico-Legal Experts (Regd)—To be held at the Hotel Reveria De Goa in Ximer, Arpora, Bardez Goa- 403 518, India.
CONTACT: www.iamleconf.in

MARCH 2011

14-18
Medicolegal Death Investigator Training Course—Sponsored by Saint Louis University—To be held in St. Louis, MO.
CONTACT: Mary Fran Ernst or Julie Howe
(314) 977-3970
http://medschool.slu.edu/mlid/

21-25
Basic Facial Reconstruction Sculpture—To be held at the University of Oklahoma in Norman, OK.
CONTACT: Betty Pat. Gatillif
(405) 321-8706
www.sculpture.outreach.ou.edu

20-21
Medicolegal Death Investigator Training Course—Sponsored by Saint Louis University—To be held in St. Louis, MO.
CONTACT: Mary Fran Ernst or Julie Howe
(314) 977-3970
http://medschool.slu.edu/mlid/

MAY 2011

12-14
55th Annual Meeting of the American Academy of Psychoanalysis and Dynamic Psychiatry—To be held in Honolulu, HI.
CONTACT: Executive Office
AAPDP
(888) 691-8281
Fax: (860) 286-0787
info@aapdp.org
www.aapdp.org

JUNE 2011

6-10
Outdoor Recovery Course—To be held at the University of Tennessee in Knoxville, TN.
CONTACT: Rebecca Taylor
fac@utk.edu
(865) 974-4408
http://web.utk.edu/~fac/

20-24
7th ISABS Conference in Forensic, Anthropologic and Medical Genetics—To be held in the Town of Bol, Island of Brač in Croatia.
CONTACT: vskaro@genos.hr or info@isabs.hr
www.isabs.hr

20-24
UT Forensic Fire/Arson Investigation Course—To be held at the University of Tennessee in Knoxville, TN.
CONTACT: Rebecca Taylor
fac@utk.edu
(865) 974-4408
http://web.utk.edu/~fac/
22-24
38th Annual Florida Association of Medical Examiners Educational Conference—Practical Issues in Forensic Pathology—Jointly Sponsored by the District 15 Medical Examiner’s Office and the University of Florida College of Medicine—To be held at the PGA National Resort and Spa in Palm Beach Gardens, FL.
CONTACT: http://maples-center.ufl.edu
www.fameonline.org

JULY 2011

11-15
Human Identification Course—To be held at the University of Tennessee in Knoxville, TN.
CONTACT: Rebecca Taylor
fac@utk.edu
(865) 974-4408
http://web.utk.edu/~fac/

11-15
Inter/Micro: 62nd Annual Applied Microscopy Conference—Hosted by the McCrone Research Institute—To be held in Chicago, IL.
CONTACT: Therese Newman
intermicro@mcri.org
(312) 842-7100
Fax: 312-842-1078
www.mcri.org

11-16
Forensic Anthropology—Sponsored by the University of Northern Colorado and the Southern Institute of Forensic Science—To be held in New Orleans, LA.
CONTACT: Edward B. Waldrip, PhD
University of Northern Colorado
(800) 232-1749
esinfo@unco.edu or edwaldrip@msn.com

18-23
Fragmentary Osteology, Bone Trauma and Basic Bone Pathology—Sponsored by the University of Northern Colorado and the Southern Institute of Forensic Science—To be held in New Orleans, LA.
CONTACT: Edward B. Waldrip, PhD
University of Northern Colorado
(800) 232-1749
esinfo@unco.edu or edwaldrip@msn.com

25-29
Forensic Taphonomy Course—To be held at the University of Tennessee in Knoxville, TN.
CONTACT: Rebecca Taylor
fac@utk.edu
(865) 974-4408
http://web.utk.edu/~fac/

25-30
Techniques in Facial Reconstruction—Sponsored by the University of Northern Colorado and the Southern Institute of Forensic Science—To be held in New Orleans, LA.
CONTACT: Edward B. Waldrip, PhD
University of Northern Colorado
(800) 232-1749
esinfo@unco.edu or edwaldrip@msn.com

AUGUST 2011

15-19
Medicolegal Death Investigator Training Course—Sponsored by Saint Louis University—To be held in St. Louis, MO.
CONTACT: Mary Fran Ernst or Julie Howe
(314) 977-5970
http://medschool.slu.edu/mldi/

AUGUST 2012

20-24
6th European Academy of Forensic Science Conference—To be held in The Hague, The Netherlands
CONTACT: www.eafs2012.eu/

SEPTEMBER 2011

12-17
19th Triennial Meeting International Association of Forensic Sciences—To be held in Funchal, Madeira, Portugal.

OCTOBER 2011

3-7
Basic Facial Reconstruction Sculpture—To be held at the University of Oklahoma in Norman, OK.
CONTACT: Betty Pat. Gatiff
(405) 321-8706
www.sculpture.outreach.ou.edu

10-14
Advance Facial Reconstruction Sculpture—To be held at the University of Oklahoma in Norman, OK.
CONTACT: Betty Pat. Gatiff
(405) 321-8706
www.sculpture.outreach.ou.edu
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 21-26, 2011, in Chicago, IL.

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

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

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

For more information:
Phone: (719) 636-1100
Fax: (719) 636-1993
New Applicant Services Only: (800) 701-AAFS
Email: membership@aafs.org
Website: 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 2011 Annual Meeting registration packet. Please detach form and return to AAFS. Thank you.

Your name: ___________________________________________________________________