



# AMERICAN ACADEMY OF FORENSIC SCIENCES

## Announcement and Call For Papers

72<sup>nd</sup> Annual Scientific Meeting  
February 17-22, 2020 — Anaheim, CA

### 2020 Annual Meeting

The 72<sup>nd</sup> Annual Scientific Meeting of the American Academy of Forensic Sciences (AAFS) will be held February 17-22, 2020, in Anaheim, California.

The Program Committee solicits the submission of abstracts on topics of interest to the forensic science community. **August 1, 2019**, is the deadline for the submission of abstracts.

Scientific papers selected for presentation will be divided into two groups:

- Platform Presentation (standard scientific session)
- Poster Session

The Program Committee will select appropriate abstracts from those **submitted by the August 1, 2019, deadline**.

Abstracts of papers must be submitted on the official abstract form that accompanies this announcement. Specific format and content requirements for the abstracts are noted on the form. A current copy of the presenting author's curriculum vitae must be attached to the original abstract form.

To submit your abstract online, go to the AAFS website at: [www.aafs.org](http://www.aafs.org).

### Notification of Acceptance

Notification of Acceptance will be mailed to all presenting authors by **November 15, 2019**. Meeting registration materials will be sent to presenting authors.

### Oral Presentations

#### Time

The final determination as to the length of time that will be allocated to a specific paper rests with the Section Program Chair. However, 15-minute presentations are standard.

### Poster Presentations

#### Preparation

Authors have complete freedom to choose ways of displaying their information in figures, tables, text, photographs, etc. However, they should avoid crowding too much information into a limited space. The poster may be augmented by the use of manuscripts and sketch pads with marking pens.

### General Information

#### Abstract Length

A single-spaced, one-page length document containing a minimum of 400 words to a maximum of 700 words is required. Please attach additional sheet(s) if needed.

#### Key Words

Each author is to provide three key words or terms in the space provided on the abstract form.

### General Information cont.

#### Oral Presentation

Each scientific session meeting room will be equipped with a lighted pointer, lectern, microphone, LCD projector, and screen.

Requests for additional audio-visual equipment will be reviewed by the Program Committee and are subject to approval by the Section Chair. Speakers will be notified of the disposition of their requests.

#### Poster Presentation

Each author selected for poster presentation will be provided with a 4' x 8' tack board on which to display material related to his/her presentation. Thumb tacks will be provided.

### Meeting Registration

*All speakers and presenters (oral or poster) are required to register for the annual meeting.* If your abstract is accepted for presentation, you will be required to pay the basic registration fee for the annual meeting.

### Commercial & Conflict of Interest

#### Commercial Interest

Commercial Interests are any proprietary entity producing goods or services, as well as any entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients. Providers of clinical service directly to patients are not considered commercial interests.

#### Conflict of Interest

Circumstances create a conflict of interest when an individual has an opportunity to affect CME content about products or services of a commercial interest with which he/she has a financial relationship.

### Journal of Forensic Sciences

The *Journal of Forensic Sciences* encourages authors to submit all previously unpublished reports and papers presented at the Academy's annual meeting. Please submit your manuscripts electronically to <http://mc.manuscriptcentral.com/jofs>.

### AAFS Abstract Policy

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

# INSTRUCTIONS FOR ABSTRACT SUBMISSION & LCD PROJECTION

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

## General Instructions

### Content of Abstract

**Abstracts should NOT be written in the first person.**

**Your abstract should be informative, containing:**

1. A short specific title.
2. The Learning Objectives.
3. A sentence statement of the paper's hypothesis or proposition.
4. A brief synopsis of the content, or statement of the methods, whichever is pertinent.
5. A summary of the results obtained, if pertinent.
6. A general statement of conclusion, if possible.
7. A minimum of one-half page, single-spaced (approximately 400 words) to a maximum of one full page (approximately 700 words) in length. Abstracts exceeding the full page maximum **will not** be printed in the AAFS *Proceedings*.
8. Three key words.
9. A brief statement of how your presentation will impact the attendees in terms of: competence (ability), performance (competence put into "action"), or patient outcomes (if applicable).
10. Complete the Post Graduate Institute for Medicine Conflict of Interest Reporting Form for Faculty, Planners, and Managers of CME/CE Activities for *each* author/co-author listed on the paper.

### Format of Abstract

Your abstract must be typed and submitted in a legible format following the instructions provided below:

1. The title, names of authors with respective degree(s), and addresses must be stated exactly as you wish them to appear in the program. Indicate with an asterisk (\*) who will be presenting.
2. Type abstract single spaced, 10-point type size, and return it along with a copy on disk.
3. Type all copy, including title, in upper and lower case; capitalize and punctuate exactly as you wish the abstract to appear.
4. Exercise care in preparing the abstract. **If unsuitable for publication as received, the abstract will be returned to the author for correction, revision, or completion.**

## LCD Projection

An LCD projection unit will be available in the Speaker Prep Room. Please make certain your presentation is compatible with the computer provided for your session and that all is in working order and tested before your presentation.

Below are recommended guidelines for preparing your presentation:

- Dark background and light text give good contrast and show up well in the meeting room; however, a background too dark may blacken the room too much. Avoid color combinations such as red and blue, yellow and green, etc.
- ARIAL "Bold" is the recommended font style. Avoid using fonts that project poorly because the line width is too thin.
- Use as large a font as possible. Anything below 24 pt. is too small. Suggested font sizes are Titles: 48-54; Main text titles: 32; Smallest text lines: 24.
- Do not crowd the frame. Limit the number of text lines per frame to a maximum of seven.

- Use simple graphs and illustrations with a minimum of captions. Avoid using thin lines, dots, dashes, or other specialty lines unless they are very bold and black.
- Avoid backing up the projector. If you need a frame twice, make a duplicate frame.
- Check your computer resolution by going to your computer's control panel, selecting "Display" then "Settings." Recommended resolution is 1024 x 768 (XGA).

## Word Processor Preparation

An electronic copy of your abstract submission is required. Please follow the format guidelines provided below:

1. Required: 400 word minimum to 700 word maximum.
2. Software: Microsoft® Word for Windows is required.
3. Type size: 10 pt (10 characters per inch).
4. Single spaced.
5. Margins: top: 1", left side: 1", right side: 1".
6. References/Footnotes: do not put in the header or footer of the document.
7. Do not embed objects, pictures, tables, or charts within document.
8. No boxes, frames, or lines.
9. Remove editing comments, notes, etc., and accept tracked changes in the document prior to saving and submitting.

## Specific Instructions

1. Complete attached form.
2. Follow instructions provided in typing abstract.
3. Proofread all information provided.
4. Attach one current electronic copy of presenting author's curriculum vitae to original abstract form. Return the original abstract, with attached c.v., and a copy on disk, by **August 1**, to:

**Mailing Address:** AAFS  
410 North 21<sup>st</sup> Street  
Colorado Springs, CO 80904

## Sample Abstract

### Injury Pattern Analysis in Fatal Traffic Crash Investigation

*Michael D. Freeman, PhD, DC, MPH\*, Oregon Health and Science University School of Medicine, Salem, OR 97302; and Clifford Nelson, MD, Medical Examiner Division, Oregon State Police, Portland, OR 97212-3092*

After attending this presentation, attendees will understand some principles of crash investigation, the necessary elements for the application of Injury Pattern Analysis, characteristic injury patterns of certain types of crashes, and an example of a practical application of Injury Pattern Analysis. This presentation will impact the forensic science community by serving as a key aspect of fatal crash investigation as it can augment traditional means of investigation in a systematized format via interdisciplinary communication and collaboration.

Reconstruction of a fatal crash can be augmented, in certain circumstances, by information gleaned from the postmortem evaluation. Further improvement of the scope and accuracy of an investigation can result from evaluation of the injuries of crash survivors, taking into account the conformity of individual vehicle interiors as well as the movement of the occupants during the crash.

The term "Injury Pattern Analysis (IPA)" is proposed as a description of a fatal crash investigation technique that utilizes accident investigation, and reconstruction techniques, occupant kinematics, postmortem records, hospital and healthcare provider acute injury records, and other evidence as an adjunct to the investigation of homicides resulting from fatal crashes.

This report will present a case study in IPA as an example of the practical application of the technique. It is recommended that medicolegal death investigators become familiar with the principles of IPA.

**Crash, Fatal, Investigation**

## Complete All of the Following Information

**NOTE:** In order for your paper to be considered for presentation, you are required to complete ALL areas of this form. Incomplete information will be returned to the author for completion. To submit his/her abstract online, go to the AAFS website at: [www.aafs.org](http://www.aafs.org).

**1. Presentation Choice:**     Oral     Poster     Breakfast Seminar     Luncheon

**2. Section Selection:** Please *circle* the session in which you desire to present a paper: Anthropology, Criminalistics, Digital & Multimedia Sciences, Engineering Sciences, General, Jurisprudence, Odontology, Pathology/Biology, Psychiatry & Behavioral Science, Questioned Documents, Toxicology, Last Word Society, YFSF Poster.

**3. Amount of Time Required:** \_\_\_\_\_

**4. Presenting Author, Name, & Mailing Address:** \_\_\_\_\_

Telephone # (\_\_\_\_) \_\_\_\_\_ Fax # (\_\_\_\_) \_\_\_\_\_ Email \_\_\_\_\_

**5. Is the presenting author an AAFS member/affiliate or applicant?**     Yes     No    If yes, AAFS ID # \_\_\_\_\_

a. If AAFS member/affiliate/applicant, please list section affiliation: \_\_\_\_\_

b. Abstract should be considered for (check all that apply):

<input type="checkbox"/> Anthropology Ellis R. Kerley Award	<input type="checkbox"/> FSF Student Affiliate Scholarship
<input type="checkbox"/> Anthropology J.L. Angel Student Award	<input type="checkbox"/> General Section Robert Gaffney Achievement Award
<input type="checkbox"/> DMS* Outstanding Research Award	<input type="checkbox"/> Pathology/Biology Best Biology Trainee Award
<input type="checkbox"/> DMS* Outstanding Case Study Award	<input type="checkbox"/> Pathology/Biology Best Resident Paper
<input type="checkbox"/> FSF Emerging Forensic Scientist Award	<input type="checkbox"/> QD** Maureen Casey-Owens Best Paper/Poster
<input type="checkbox"/> FSF Henry C. Lee Scholarship	<input type="checkbox"/> Toxicology Section Best Poster Award
<i>*Digital &amp; Multimedia Sciences</i>	<i>**Questioned Documents</i>

**6. Co-Author(s) Name(s), Address(es), and Business Affiliation:** (attach additional sheet if required) \_\_\_\_\_

**7. Has this paper been presented or published before?**     Yes     No

If yes, where and when? \_\_\_\_\_

**8. Audio/Visual Requirements:** Each room will be equipped with a screen, electronic pointer, lectern microphone, and an LCD projector. All additional equipment must be requested and is subject to approval by the Section Chair.

Other Equipment Requested: \_\_\_\_\_

### 9. AAFS Policy on Full Disclosure of Faculty Financial Interests or Relationships

It is the policy of the Continuing Education Program of the American Academy of Forensic Sciences to ensure balance, independence, objectivity, and scientific rigor in all its educational activities. All faculty participating in these programs are expected to disclose to the program audiences: (1) any real or apparent conflict(s) of interest related to the content of their presentations, (2) discussion of unapproved (unlabeled) uses of pharmaceuticals/medical devices, and (3) ongoing research (preliminary) data. The intent of this disclosure is not to prevent a speaker with a financial or other relationship from making a presentation, but rather to provide listeners with information on which they can make their own judgments about the presentation. Additionally, disclosure for you and/or your spouse should include any relationships with entities that resell, distribute, and/or market health care products used on or by patients. It is also the policy of the AAFS that all speakers must disclose whether non-FDA approved uses of pharmaceutical products or medical devices are included in the presentation. In keeping with this procedure, the faculty or presenter is required to complete and sign the following disclosure statements:

I. Will your presentation include any discussion of commercial products or services?     Yes     No

If yes, please list all manufacturer(s) or provider(s) and describe the nature of the relationship(s) (attach additional pages as needed): \_\_\_\_\_

II. Is this activity/presentation financially supported?     Yes     No    If yes, by whom? \_\_\_\_\_ and in what form?     Grant Support     Paid Consultant     Employee     Shareholder     Speakers Bureau

III. Does this presentation include the discussion or use of unapproved (unlabeled) pharmaceuticals/medical devices and/or ongoing research?     Yes     No    If yes, please describe (attach additional pages as needed): \_\_\_\_\_  
Disclosed information will be made available to participants in the Final Program provided to all registrants.

### 10. Complete the following:

- a. Representatives of the media are allowed to record my presentation.     Yes     No
- b. I hereby acknowledge that my abstract will be published in the AAFS *Proceedings* if accepted for presentation. (Please initial.) \_\_\_\_\_
- c. I acknowledge that I am required to comply with the AAFS guidelines for legible LCD projection and that structured abstracts are required. (Please initial.) \_\_\_\_\_
- d. I acknowledge that all authors contributing on this paper have been properly cited. I understand that only the authors listed on this form and in the online system will appear in the printed materials (e.g., *Programs, Proceedings*). (Please initial.) \_\_\_\_\_
- e. I acknowledge that any images to be presented will be accurate and will not misrepresent the outcome of treatment. (Please initial.) \_\_\_\_\_
- f. I hereby acknowledge that if the paper described by the abstract is accepted for presentation, AAFS will acquire a non-exclusive copyright of the abstract. (Please initial.) \_\_\_\_\_
- g. I understand that submission of this abstract is made with the commitment of the author(s) to present the paper at the AAFS Annual Meeting. Failure to present the paper without a valid excuse may result in its removal from the *Proceedings*, preclusion from future submissions, or both. (Please initial.) \_\_\_\_\_
- h. I acknowledge that all attending authors and co-authors on this submission/paper will be at least 18 years of age at the time of the meeting in February: (Please initial.) \_\_\_\_\_

I hereby acknowledge that I have read and comply with the requirements noted herein and that the information provided is true and correct.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



# AMERICAN ACADEMY OF FORENSIC SCIENCES

410 North 21<sup>st</sup> Street — Colorado Springs, CO 80904

## ABSTRACT OF PAPER FOR 2020 ANNUAL SCIENTIFIC MEETING

COMPLETE FORM AND RETURN ORIGINAL, WITH ATTACHED C.V., ONE PHOTOCOPY, AND A COPY ON DISK BY AUGUST 1, 2019. If you wish to submit your abstract online, go to the AAFS website at: [www.aafs.org](http://www.aafs.org).

- Type abstract, single spaced, 10-point size (or on attached separate page following format provided in Sample Abstract).
- **Do not type in all capital letters.** Type all copy, including title, author names, and addresses in upper and lower case; capitalize and punctuate exactly as you wish the abstract to appear.
- A single-spaced, full-page length document (minimum 400 to maximum 700 words) is required. Attach an additional sheet if required.

**TITLE** →

**AUTHORS** →

Name(s) and  
Address(es):

**LEARNING  
OBJECTIVE** →

and  
**OUTCOME**

*Please state what the attendee can expect to learn, retain, or implement into his or her practice.*

**IMPACT  
STATEMENT** →

*Please state how your presentation will impact the attendees in terms of: competence (ability), performance (competence put into "action"), or patient outcomes (if applicable).*

**TEXT** →

**THREE  
KEY  
WORDS** →

*Attach Additional Pages as Needed*