

NEAFS Newsletter

Volume 43, Issue 3

Fall 2018



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Board of Directors 2018

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Director: Elizabeth Duval

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MEET THE 2018 BOD

Melissa Balogh – President

NJ State Police Office of Forensic Sciences, Central Regional Laboratory
Forensic Scientist II in the trace evidence unit since October 2003
BS in Criminal Justice - Shippensburg University
BS in Forensic Chemistry - West Chester University

Tiffany Ribadeneyra, F-ABC - President-Elect

Nassau County Office of the Medical Examiner, NY
Forensic Scientist IV in the Chemistry Section since May 2011
Westchester County, NY Forensic Laboratory from Dec. 2005 to May 2011
BS in Chemistry-Fordham University
MS in Criminal Justice-LIU Post

Maria Tsocanos - Treasurer

Westchester County Forensic Laboratory, NY
Forensic Scientist in the Forensic Biology section
BS in Forensic Science - John Jay College of Criminal Justice

Angela Violotti – Secretary

Connecticut Forensic Lab, Connecticut Department of Emergency Services and Public Protection, Division of Scientific Services
Forensic Science Examiner 1 for approximately 4.5 years
BS in Biochemistry – Cedar Crest College
MS in Forensic Science – Cedar Crest College

Adam Hall Ph.D., D-ABC – Director

Director, Mass Spectrometry Facility-Barnett Institute of Chemical and Biological Analysis-Northeastern University, Boston, MA 2014- Present
Instructor of Forensic Chemistry, Boston University School of Medicine, 2007-2014
Forensic Chemist II, MA State Police Crime Laboratory, 2002-2007
BA in Chemistry - Stonehill College
MS in Chemistry - Northeastern University
PhD in Analytical Chemistry - Northeastern University

Sheauling Kastor - Director

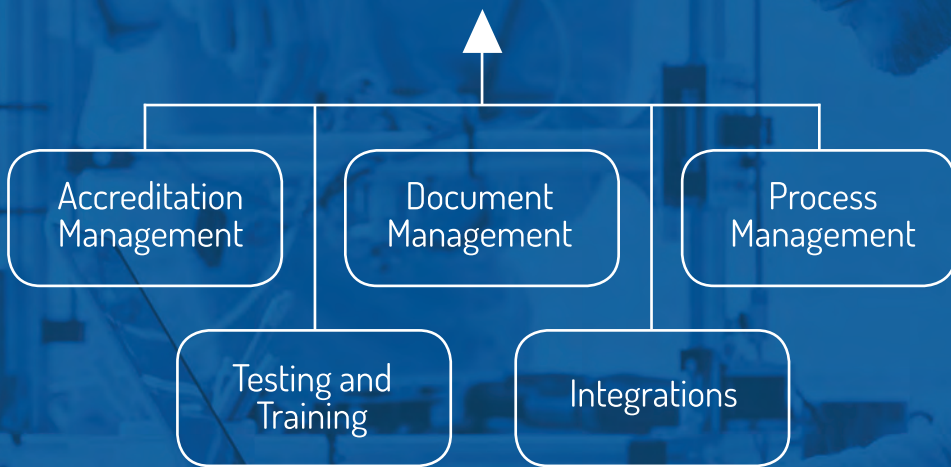
Massachusetts State Police Crime Laboratory
Forensic Scientist II in DNA and Crime Scene Response Units since January 2009
BS in Biology - Fairfield University
MS in Forensic Science - University of New Haven

Elizabeth Duval - Director

Massachusetts State Police Crime Laboratory
Forensic Scientist II, 2009-present
BS Genetics, Texas A&M University
BS in Forensic Science, University of New Haven



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President's Message

Greetings NEAFS members!

It's hard to believe that summer is over and the Annual meeting is right around the corner! President-Elect and Program Chair **Tiffany Ribadeneyra** has been hard at work to bring you an excellent lineup of workshops, speakers and activities. There's still time to register, so don't miss out on this affordable educational opportunity!

In May, NEAFS assisted the Boston PD in hosting a shooting reconstruction workshop. The workshop included a practical component including recognizing, documenting, measuring, and reporting for shooting reconstruction incidents. Special thanks to NEAFS members **Pete Diaczuk** and **Jack Hietpas** for serving as instructors.

I'd like to take this opportunity to remind our members that if you are in need of training or have a suggestion for a workshop, NEAFS can help! Please visit our website for information on the visiting scientist program.

There are a few people registered to take the ABC exam at the annual meeting. I'd also like to remind our members that NEAFS offers reimbursement for application and sitting fees upon successful completion of the exam. See our website for more details.

There are still volunteer opportunities available on several different committees. I encourage you to get involved in this organization, and assure you that it will be a truly rewarding experience. Please contact me at preseident@neafs.org if you would like more information on volunteering.

The next Board of Director's meeting will be held on October 23rd during the Annual Meeting. Please let me know if you would like to add anything to the agenda.

I look forward to seeing you all in Bolton Landing!

Best Regards,

Melissa Balogh
2018 NEAFS President



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NEAFS 2018 Annual Meeting

October 23, 2018 – October 27, 2018



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FREE REGISTRATION*

Please contact Program Chair Tiffany Ribadeneyra at
TRibadeneyra@Yahoo.com if you would like to volunteer

*Available to members/active applicants presenting a technical paper or poster at the 2018 meeting



NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS ANNUAL MEETING – October 23 - 27, 2018

See additional page for informational details. To qualify for **Early Registration**, a completed registration form and full payment must be postmarked no later than **September 23, 2018**. Regular registration will be accepted from September 24 through October 16, 2018. After this date, all registrations will be processed on-site and subject to an additional \$20 fee.

Mail your completed form
and registration fee to:

NEAFS Registration
PO Box 4011
Meriden, CT 06450

registration@neafs.org

I. REGISTRATION INFORMATION (Please print or type all information)

First Name: _____
Last Name: _____
Member Number: _____ **ABC Status:** _____
Organization/Agency: _____ ☐ Diplomate
Street: _____ ☐ Fellow
City: _____ ☐ Technical Specialist
State: _____ Zip Code: _____ ☐ Affiliate
Phone: _____ Fax: _____ ☐ Exam Committee
Email: _____ ☐ Board Member

II. SCIENTIFIC SESSIONS - REGISTRATION FEES: October 25 - 27, 2018, Thursday - Saturday Sessions

**For student affiliate reduced registration, a copy of your FALL 2018 course schedule must be submitted; otherwise you will be charged the non-member rate.*

<u>Full Meeting Registration</u>	<u>Early Registration</u> Postmarked by 9/23/18	<u>Regular Registration Postmarked between</u> 9/24/18 and 10/16/18
Member / Active Applicant	\$130.00 - <input type="checkbox"/>	\$180.00 - <input type="checkbox"/>
Non-Member	\$225.00 - <input type="checkbox"/>	\$275.00 - <input type="checkbox"/>
#Student Affiliate (Non-Member)*	\$135.00 - <input type="checkbox"/>	\$160.00 - <input type="checkbox"/>
#Guest of Member / Non-Member	\$110.00 - <input type="checkbox"/>	\$135.00 - <input type="checkbox"/>
Guest Name: _____		

<u>Daily Registration</u>	<u>Thursday Only</u>	<u>Friday Only</u>	<u>Saturday Only</u>
#Member / Active Applicant	\$75.00 - <input type="checkbox"/>	\$75.00 - <input type="checkbox"/>	\$45.00 - <input type="checkbox"/>
#Non-Member	\$125.00 - <input type="checkbox"/>	\$125.00 - <input type="checkbox"/>	\$75.00 - <input type="checkbox"/>
#Student Affiliate (Non-Member)	\$80.00 - <input type="checkbox"/>	\$80.00 - <input type="checkbox"/>	\$50.00 - <input type="checkbox"/>
#Guest of Member / Non-Member	\$70.00 - <input type="checkbox"/>	\$70.00 - <input type="checkbox"/>	\$40.00 - <input type="checkbox"/>
Guest Name: _____			

Please Note: On-Site Registration Surcharge \$20.00 - ☐

SECTION II TOTAL: \$ _____

III. MEALS: Breakfast included with each day of registration. Luncheon tickets are included with **full meeting registration**, however, a selection is required below if you plan to attend. # **Daily, student, and guest registrations require the purchase of luncheon tickets.**
NOTE: If you have a dietary restriction, please indicate here: _____

Will you be attending the luncheon on Thursday (held during the Annual Business Meeting)? Yes/No? _____

Daily, Student, Guest Registration Tickets: _____ X \$30.00 = _____

Will you be attending the Friday's luncheon? Yes/No? _____ Lunch selection: Beef/Chicken/Seafood/Vegetarian/NA? _____

Daily, Student, Guest Registration Tickets: _____ X \$50.00 = _____

Will you be attending the President's Reception on Friday evening? Yes/No? _____

SECTION III TOTAL: \$ _____

IV. WORKSHOP SESSION FEES

Workshops are filled on a first-come-first-served basis. Continental breakfast will be provided for the workshops. Workshops are subject to cancellation. Check www.neafs.org for updates on dates and times.

Full-Day Workshops – Wednesday, October 24th

	<u>Member</u>	<u>Non-Member</u>
Thermo Fisher 2018 Future Trends in Forensic DNA Technology	\$40 <input type="checkbox"/>	\$80 <input type="checkbox"/>
The Role of Ethics in Scientific Court Testimony	\$40 <input type="checkbox"/>	\$80 <input type="checkbox"/>
Agilent Technologies: Innovative Techniques in Forensic Analysis	\$40 <input type="checkbox"/>	\$80 <input type="checkbox"/>
The 2017 Version of ISO/IEC 17025 and the Related ANAB Forensic Accreditation Requirements in a Nutshell – How to Crack that Nut!	\$40 <input type="checkbox"/>	\$80 <input type="checkbox"/>

Half-Day Workshops – Wednesday Morning, October 24th

Characterization of Interfering Products in Fire Debris Analysis	\$20 <input type="checkbox"/>	\$40 <input type="checkbox"/>
Through the Eyes of an Analyst: Emerging Drug Trends and Contraband Concealment	\$20 <input type="checkbox"/>	\$40 <input type="checkbox"/>

Half-Day Workshops – Wednesday Afternoon, October 24th

Statistics and Sampling in Forensic Science - The Basics	\$20 <input type="checkbox"/>	\$40 <input type="checkbox"/>
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SECTION IV TOTAL: \$ _____

PAYMENT:

Check - ☐

Money Order - ☐

PAYPAL (October 16th Deadline) - ☐

Check # _____

TOTAL AMOUNT ENCLOSED: (Sum of II, III and IV) \$ _____

PLEASE check boxes of events you are considering. *This is for estimation purposes only and in no way binding.*

- | | |
|--|--|
| <input type="checkbox"/> Touring Boat of Lake George (Tuesday, Oct. 23 rd) | <input type="checkbox"/> Student Forum (Saturday, Oct. 27 th) |
| <input type="checkbox"/> ABC Exam (Wednesday, Oct. 24 th) | <input type="checkbox"/> Educator's Forum (Saturday, Oct. 27 th) |
| <input type="checkbox"/> Welcome Reception/Poster Session (Thursday, Oct. 25 th) | <input type="checkbox"/> Crim/Crime Scene Session (Thursday, Oct. 25 th) |
| <input type="checkbox"/> Continental Breakfast (Wednesday, Oct. 24 th) | <input type="checkbox"/> DNA Session (Thursday, Oct. 25 th) |
| <input type="checkbox"/> Continental Breakfast (Thursday, Oct. 25 th) | <input type="checkbox"/> Drug Session (Thursday, Oct. 25 th) |
| <input type="checkbox"/> Continental Breakfast (Friday, Oct. 26 th) | <input type="checkbox"/> Toxicology Session (Thursday, Oct. 25 th) |
| <input type="checkbox"/> Continental Breakfast (Saturday, Oct. 27 th) | <input type="checkbox"/> Trace/Arson & Explosives Session (Thursday, Oct. 25 th) |

The exhibitors and sponsors you meet at the NEAFS Annual Meeting play a vital role in keeping meeting costs reasonable while still enabling us to improve session and workshop quality. Simply put, without Corporate Sponsors the NEAFS Annual Meeting would be too cost prohibitive to convene. Every year we field requests for an Attendee List to allow exhibiting companies to forward marketing and new product information. NEAFS is one of the only organizations that does not automatically provide this information. We would like to offer this information to our valued (and valuable) sponsors this year. Please sign/print your name if you *refuse* to release this information. _____.

HELPFUL REGISTRATION TIPS

www.neafs.org

NEAFS REGISTRATION MAILING ADDRESS: NEAFS Registration, PO Box 4011 Meriden, CT 06450

WE MAY NEED TO CONTACT YOU, THEREFORE, PLEASE PRINT LEGIBLY AND INCLUDE AN EMAIL ADDRESS OR TELEPHONE NUMBER.

ANNUAL MEETING / WORKSHOP REGISTRATION:

Early Registration: completed registration form and full payment postmarked no later than September 23rd, 2018. After this date, ALL registrations will be regular or on-site registrations. Registration is not accepted via email or fax, *unless* PayPal is utilized as form of payment. You will not receive confirmation of your registration status.

PAYMENT INFORMATION (in U.S. dollars):

Accepted forms of payment, during Early Registration only, are via PayPal, check, or money order.

Purchase Orders or Vouchers are NOT accepted. Payment via Paypal may be made on the NEAFS website until October 16th, 2018 (NEAFS Tax ID # 51-0213291). A Paypal account is not necessary to use this feature – you can make a one-time credit card payment. The Paypal receipt is the only confirmation of payment that you will receive if paying electronically, while handwritten receipts will be generated for those paying by check or money order. **IF PAYMENT IS MADE VIA PAYPAL A COMPLETED REGISTRATION FORM MUST BE SENT TO: registration@neafs.org**

WORKSHOPS: Workshop attendance requires an additional fee. Workshop(s) are not included with Annual Meeting Registration. Workshops are filled on a first-come-first-served basis. The Program Chair reserves the right to cancel any workshop if timely registrations are not received for the minimum number of participants. If a workshop is canceled, notification and full refunds will be made. You may not register for more than one workshop if the workshops are held during the same time frame.

CANCELLATION / REFUNDS: If you cancel your Workshop or Meeting Registration, your written, signed, and dated request must be mailed to the NEAFS Registration Chairperson at the mailing address provided above. If you cancel, your registration fees will be refunded, as follows: postmarked no later than September 23rd, 2018, full refund, less \$20 processing fee; postmarked between September 24th - October 16th, 2018, 50% refund. No refund requests will be honored if postmarked after October 16th, 2018.

GUESTS: Reduced rate registration is available to a guest (lay person) only with a fully paid registered attendee. The reduced rate registration permits attendance during scientific sessions, all breaks, and receptions.

CERTIFICATES: Certificates are generated by the workshop instructors for workshop completion only, not for attendance of the general sessions.

LUNCHEON: Tickets for attendance at the luncheons are included with FULL MEETING REGISTRATION ONLY. Please indicate on your registration form if you will or will not be attending so we may provide an accurate headcount to the hotel. If attending the luncheons, your registration packet will include luncheon tickets that must be presented to the Officials at the door for entry to the luncheon. If you have a food allergy, please inform the hotel staff directly. If needed, additional luncheon tickets may be purchased separately.

OTHER INFORMATION: All fees are the responsibility of the registrant. Registrations are non-transferable.

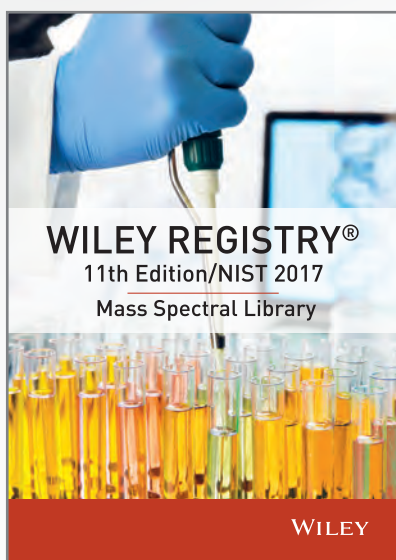
If you have any questions or concerns please email the NEAFS Registration Chairperson at:
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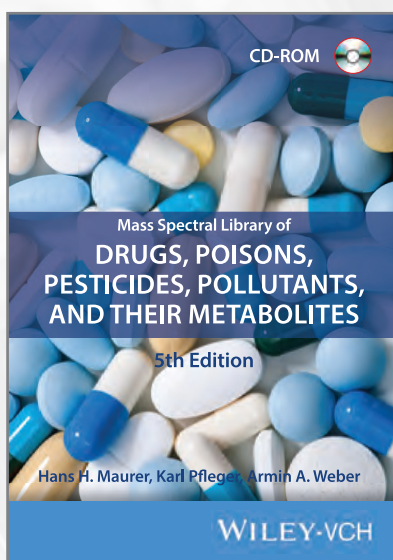
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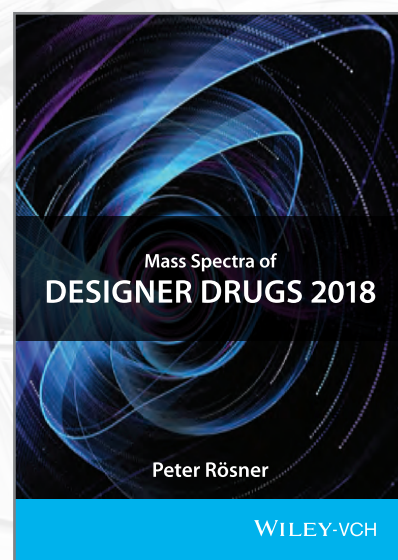
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Northeastern Association of Forensic Scientists

2018 NEAFS Annual Meeting Preliminary Program Bolton Landing, NY (subject to change)

Tuesday, October 23rd

4:00 p.m. Hotel Check-In

1:00 p.m. – 3:00 p.m. Touring Boat of Lake George

3:30 p.m. – 7:00 p.m. Board of Directors Meeting

7:30 p.m. – 9:30 p.m. Board of Directors Dinner

Wednesday, October 24th

7:00 a.m. – 2:00 p.m. Registration

7:00 a.m. – 8:30 a.m. Continental Breakfast

8:00 a.m. – 5:00 p.m. The 2017 Version of ISO/IEC 17025 and the Related ANAB Forensic Accreditation Requirements in a Nutshell – How to Crack that Nut! Workshop

8:00 a.m. – 5:00 p.m. The Role of Ethics in Scientific Court Testimony Workshop

8:00 a.m. – 5:00 p.m. Agilent Technologies: Innovative Techniques in Forensic Analysis Workshop

8:00 a.m. – 5:00 p.m. Thermo Fisher 2018 Future Trends in Forensic DNA Technology Workshop

8:00 a.m. – 12:00 p.m. Characterization of Interfering Products in Fire Debris Analysis Workshop

8:00 a.m. – 12:00 p.m. Through the Eyes of an Analyst: Emerging Drug Trends and Contraband Concealment Workshop

1:00 p.m. – 5:00 p.m. NIST MS Database AMDIS-Getting (the Right) Answers Workshop

1:00 p.m. – 5:00 p.m. Statistics and Sampling in Forensic Science – The Basics Workshop

10:00am – 10:30 a.m. Morning Break

12:00 p.m. – 1:00 p.m. Lunch

3:00 p.m. – 3:30 p.m. Afternoon Break

6:00 p.m. – 9:30 p.m. Exhibitor Setup

7:00 p.m. – 9:00 p.m. Campfire/Smores' Social

7:30 p.m. – 9:30 p.m. Registration

Thursday, October 25th

7:00 a.m. – 5:00 p.m. Registration

7:00 a.m. – 8:30 a.m. Continental Breakfast

7:00 a.m. – 8:00 p.m. Exhibits

8:00 a.m. – 5:00 p.m. Scientific Session - DNA

8:00 a.m. – 5:00 p.m. Scientific Session – Criminalistics & Crime Scene

8:00 a.m. – 12:00 p.m. Scientific Session - Toxicology
1:30 p.m. – 5:00 p.m. Scientific Session - Drug Chemistry
8:00 a.m. – 12:00 p.m. Scientific Session - New Technologies
1:30 p.m. – 5:00 p.m. Scientific Session – Trace, Arson & Explosives

10:00 a.m. – 10:30 a.m. Morning Break
12:00 p.m. – 1:30 p.m. Lunch & Business Meeting
3:00 p.m. – 3:30 p.m. Afternoon Break
5:00 p.m. – 8:00 p.m. Welcome Reception & Poster Session
8:00 p.m. – 10:00 p.m. Evening Session & Desserts

Friday, October 26th

7:00 a.m. – 5:00 p.m. Registration
7:00 a.m. – 8:30 a.m. Breakfast
7:00 a.m. – 11:00 a.m. Exhibits
8:00 a.m. – 5:00 p.m. General/Plenary Session - OSAC, ASTM and AAFS ASB Updates
10:00 a.m. – 10:30 a.m. Morning Break
11:00 a.m. – 1:00 p.m. Exhibitor Teardown
12:30 p.m. – 2:30 p.m. Annual Luncheon
3:30 p.m. – 4:00 p.m. Afternoon Break
6:00 p.m. – 10:00 p.m. President's Reception

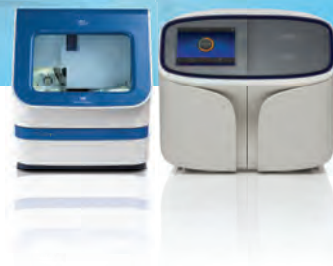
Saturday, October 27th

8:00 a.m. – 10:00 a.m. Registration
8:00 a.m. – 9:30 a.m. Breakfast
8:00 a.m. – 12:00 p.m. ABC Examination
9:00 a.m. – 12:30 p.m. Student Forum & George W. Chin Collegiate Cup competition
9:00 a.m. – 11:00 a.m. Educator Forum
10:00 a.m. – 10:30 a.m. Morning Break

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NEAFS 2018 WORKSHOPS

The 2017 Version of ISO/IEC 17025 and the Related ANAB Forensic Accreditation Requirements in a Nutshell – How to Crack that Nut!

Instructor: Laurel Farrell, Senior Accreditation Manager
ANSI-ASQ National Accreditation Board

Both ISO/IEC 17025:2017 and the related ANAB Forensic Accreditation Requirements documents have been updated and have moved to less prescriptive requirements. Mentioned in the Foreword to ISO/IEC 17025, this move is supported by an application of risk-based thinking and a focus on performance-based requirements (a move from “how” to “what”).

This workshop will review the main sections of ISO/IEC 17025:2017 and for each section discuss the overarching concept and then focus on the intent of the requirements from both documents. For those requirements that are more open-ended, examples and/or exercises will explore options for conformance. Keeping in mind that the approach to conformance will most likely not be the same, for all forensic service providers! The relationship of Process- Risk- Continuous Improvement will be explored.

Workshop participants will leave with a path forward to accreditation based on these updated accreditation requirements and a new perspective towards this revised approach to accreditation. The glass is half-full – the upside to risk-based thinking is opportunity!

Characterization of Interfering Products in Fire Debris Analysis

Instructor: Mary R. Williams, Coordinator of Research Programs & Services
National Center for Forensic Science, University of Central Florida

This half-day course will provide students an understanding of how materials decompose to create compounds that interfere with the interpretation of ignitable liquid residues in fire debris. Students will learn what chemical reactions are involved during the thermal decomposition process. We will discuss a variety of methods for burning materials to generate the products. Students will discover the types of combustion/pyrolysis compounds identified from the materials. We will survey the scientific literature and databases to determine common compounds with ignitable liquid residues. The survey will also include whether groups of these interfering compounds yield similar chromatographic patterns as ignitable liquids residues. We will explore various tools and methods for interpretation of the gas chromatography mass spectrometry data. These will aid in our determination of the presence of an ignitable liquid residue in the presence of combustion/pyrolysis products from decomposition of materials at the fire scene.

Prerequisites: basic understanding of fire debris analysis.

The Role of Ethics in Scientific Court Testimony

Instructors: Lawrence Quarino, Ph.D., Director of Forensic Science Program,
Cedar Crest College

Robert Biancavilla, J.D., Assistant District Attorney-Homicide Bureau,
Suffolk County (NY) District Attorney's Office

This workshop will begin with a discussion of the concepts of legal and scientific proof and the ethical dilemmas often poised to scientific expert witnesses during courtroom testimony. Examples of ethical dilemmas typically encountered by forensic scientists during court testimony and in interactions with the criminal justice system will be discussed with suggestions for resolution provided. The role that professional codes of ethics play in resolution of ethical dilemmas will be offered.

The workshop will focus on proper pretrial preparation and direct and cross-examination of expert forensic witnesses. Instruction on expert testimony specific for common types of forensic evidence (e.g. DNA, blood alcohol) will be given. The effect of both the Frye and Daubert standards for the scientific admissibility of evidence on testimony dealing with various types of physical evidence will also be discussed. The instructors will provide opportunity for participants to engage in direct and cross examination.

The workshop will review important practical criteria useful in persuasive and effective expert witness testimony during trial. The workshop will review recent studies assessing the effect of pay, frequency of testimony, and expert credentials on the perceptions of expert testimony on juries.

Finally, the workshop will discuss the Confrontation Clause of the Sixth Amendment to the U.S. Constitution in light of US Supreme Court decisions and how it may relate to the testimony of expert witness in areas such as probabilistic DNA mixture interpretation and DNA familial searching.

Statistic and Sampling in Forensic Science – The Basics

Instructor: Suzanne Bell, Ph.D., Chair of the Department of Forensic and Investigative Services, West Virginia University

This workshop will focus on statistical approaches to sampling in forensic science focusing on seized drug analysis. After a review of relevant statistical concepts, current approaches to sampling will be introduced for qualitative and quantitative analyses. For qualitative analysis, the ENFSI calculator sheet will be used and illustrated with examples. Emphasis will be placed on understanding underlying concepts to afford confidence in testimony and reporting. Sampling for quantitative analysis will be introduced and discussed using ENFSI documents along with other approaches based on case size and fitness-for-purpose. Participants are encouraged to bring laptops with the ENFSI calculators installed. Time will be reserved for questions and applications based on participant situations and concerns.

Thermo Fisher 2018 Future Trends in Forensic DNA Technology

Instructors: Various

Thermo Fisher Scientific is proud to support NEAFS in offering a one-day Forensic Workshop. This workshop will explore the new offerings at Thermo Fisher Scientific to support Forensic DNA Technology.

Agilent Technologies: Innovative Techniques in Forensic Analysis

Instructors: Various

Please join Agilent for a one-day workshop on the latest techniques in forensic analysis. The morning session will feature talks on forensic applications using our newest technologies, including the Ultivo and the Intuvo 9000. The afternoon session will include hands-on troubleshooting and maintenance for GC and GC/MS.

NIST MS Database AMDIS – Getting (the Right) Answers

Instructor: W. Gary Mallard, Consultant, Teal Consulting

GC/MS analysis is widely used for forensic analysis. For cases where the spectrum and retention data of the suspect material can be directly compared to authentic standards, the spectral comparison (particularly coupled with retention comparison) is often done visually. This method is inherently subject to attack since the visual comparison does not have a statistical backing and may vary from one practitioner to another. A statistically tested algorithm for comparison will provide more defensible results. In addition, the algorithm can be used not just for comparisons where the standard is present, but also for cases where only data from an outside source such as the SWGDug Library is available.

In this workshop, the use of the NIST MS Search Software will be discussed. Building user libraries of standards spectra taken in the laboratory will be illustrated, as well as pointers for best practices and resources for solving difficult problems. Specifically, the use of new searching methods for identifying classes of molecules even in the absence of the spectrum for molecule in the database will be demonstrated using fentanyl analogs as well as other designer drugs.

For complex samples such as toxicological, trace evidence, or fire debris, the problem is often extracting spectra of pure compounds in order to search them against a database. These complex data files can be analyzed using AMDIS to generate high quality spectra for even low concentration and highly overlapped elutions. A brief discussion of how to use AMDIS and how to send spectra from AMDIS to the NIST MS Search Software will be included.

Those registering for this workshop are encouraged to forward difficult data files for use as examples. Please send them to: gary.mallard@gmail.com.

Through the Eyes of an Analyst: Emerging Drug Trends and Contraband Concealment Workshop

Presented by: The Drug Enforcement Administration Northeast Laboratory
Instructor(s): TBD

This workshop highlights the emerging drug trends sweeping the Northeastern United States, from the booming opioid epidemic to the now declining synthetic drug outbreak. Emphasis will be placed on fentanyl and its many analogues that continue to challenge both law enforcement and the scientific community due, not only to its dangerous properties, but also to structural similarities between analogues. Methods of contraband concealment and smuggling will also be focused upon including recent casework as seen by the Drug Enforcement Administration's Northeast laboratory. Presentation topics will include: an overview of emerging drugs, recent/emergency drug scheduling, analytical analysis and sampling of controlled substances and clandestine laboratory seizures, analytical challenges including those surrounding fentanyl analogues, research completed/troubleshooting to solve analytical issues, and drug concealment/smuggling methods.



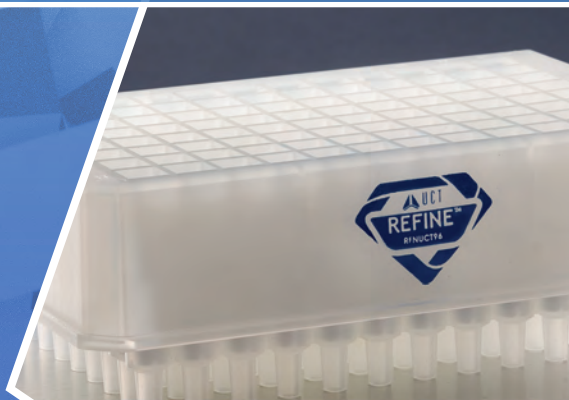
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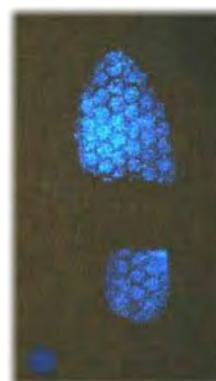
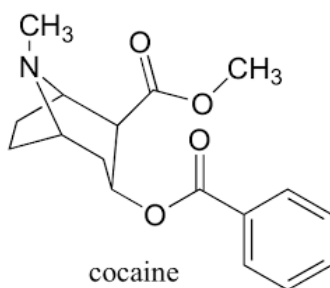
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College Bowl

2018 Annual Meeting

Teams of four students will compete in a quiz type game. If there are only two college teams they will compete against each other in a GE College Bowl format. Both graduate and undergraduate teams are welcome and will compete for separate trophies. So get your team together, go to the bookstore and get a school pennant and enter. Entry deadline October 15th.

(Questions will cover all Forensic Disciplines)



October 27, 2018 @ 10:30am

Immediately following the Student Forum

Chair: Christopher P. Chaney
Texas Dept. of Public Safety
ChristopherChaney@gmail.com

Co-Chair: Anisha Paul
Vermont Forensic Labs
Paul.Anisha12@gmail.com



**Northeastern Association
of
Forensic Scientists**



**There will be an ABC examination sitting at the
2018 Annual NEAFS Meeting on Saturday, October 27th
from 8:00 a.m. – 12:00 p.m.**

The following are current examinations that are offered: Comprehensive
Criminalistics Examination (CCE)

Drug Analysis (DA)

Molecular Biology (MB)

Fire Debris Analysis (FD)

Hairs and Fibers (HF)

Paints and Polymers (PP)

For more information about the examination sitting, please contact Peter Diaczuk at certification@neafs.org. For more information about the examination and the American Board of Criminalistics, please visit <http://www.criminalistics.com>.

Certification Reimbursement

The NEAFS Board of Directors has voted to reimburse the American Board of Criminalistics and International Association for Identification exam sitting fees for five NEAFS members (regular or associate) in good standing who pass the ABC or IAI exam. This offer is for any exam completed in 2018. After passing the examination, please fill out the Certification Reimbursement Form (www.neafs.org) and email the completed form with proof of passing the exam to the NEAFS Certification Chair Peter Diaczuk at certification@neafs.org. The reimbursement is based on a first come first served basis. Remember you must pass the ABC or IAI exam to be considered for reimbursement.



Have You Been Receiving NEAFS Emails?

We may not have your most recent email address

Providing NEAFS with the most up to date email address helps us get important membership information to you including:

Professional Training Opportunities

Annual Meetings

Dues Payments

You can also let us know if other information should be updated, especially if you have a new professional affiliation or have had a name change.

Please send an email to

Alanna Laureano, Membership Chair at membership@neafs.org

Or Susan Flaherty, Dues Contact at dues@neafs.org

And let us know what should be updated

NEAFS Committee Positions

Corporate Liaison/Exhibits

Contact: Stephanie Minero at exhibits@neafs.org

- Attendance at the Annual Meeting for at least exhibit set up and exhibits day
- E-mail correspondence/solicitation to vendors regarding the NEAFS Newsletter Ads and payments
- Helping to search for and solicit new vendors
- Organization of exhibit contracts and payments on our google drive
- Interested in taking on the Corporate Liaison role, should it be offered (those responsibilities are available on Box.com)

Site Chair

Contact: Janine Kishbaugh at sitechair@neafs.org

- Review information from past meetings to help compile a database of details such as booth numbers, size of rooms, meeting attendance, hotel pick up, etc.
- Work in conjunction with the executive secretary looking back through meeting booklets, contacting previous hotels, etc.
- Interested in taking on the role of Site Chair, should it be offered

Awards

Contact: Betsy Duval at awards@neafs.org

- As a member of the awards committee you will receive and grade applications for the following awards:
 - George W. Neighbor, Jr. Memorial Scholarship (2 awarded, one undergraduate and one graduate)
 - George W. Chin Memorial Scholarship (1 awarded)
 - Carol De Forest Research Grant (2 awarded)
- All applications eligible for review must be received by April 30th (pdf form). The awards chair will then send them to the committee members for assessment.
- Worksheets for grading, along with instructions, will be provided
- After grading is complete those worksheets will be submitted to the awards chair for review. Once reviewed, the applicants with the highest scores from each category will win their respective award and the committee will be notified prior to the winners.
- If there is a tie or a question as to who the winner is, the committee will go back and reassess the selected applicants. All grading must be completed by August 1st.
- In addition, the awards committee aids in the assessment of the applications for the Meritorious Service Award (given annually) and chooses a winner.
- Interested in taking on the role of awards committee chair, should it be offered



Northeastern Association of Forensic Scientists

Membership Committee

Alanna Laureano, *Chair*

NEW MEMBER APPLICANTS*

STATUS	FULL NAME	AFFILIATION
Regular	Matthew Amann	Massachusetts State Police Crime Laboratory
Associate	Amanda N Apicella	Wechester County Department of Labs and Research
Associate	Alyssa E Berthiaume	Massachusetts State Police Crime Laboratory
Associate	Rebecca L Boyea	Michigan State University Department of Chemistry
Regular	Michelle M Cerreta	Department of Justice, Drug Enforcement Administration
Associate	Megan I Chambers	University at Albany- SUNY
Regular	Kerry A Collins	Massachusetts State Police Crime Laboratory
Regular	Marta Concheiro-Guisan	John Jay College, City University of New York
Associate	Allix M Coon	University at Albany- SUNY
Regular	Jennifer P Cravo	Massachusetts State Police Crime Laboratory
Regular	Niti C Dalal	N/A
Regular	Nicole M DiRado	Alfred State SUNY College of Technology
Associate	Sara E Donahue	New York State Police Forensic Investigation Unit
Regular	Adeena M Emery	New York City Police Department Police Laboratory
Associate	Erin E Finch	Massachusetts State Police Crime Laboratory
Associate	Meghan G Fogerty	University at Albany- SUNY
Regular	Erin P Forry	Boston Police Department Crime Laboratory Unit
Associate	Kristen L Fowble	University at Albany- SUNY
Regular	Courtney Ganter	Vermont Forensic Laboratory
Associate	Christopher M George	New Jersey State Police Office of Forensic Science
Associate	Rachel Gilmore	University of New Haven
Regular	Davis S Gould	Massachusetts State Police Crime Laboratory
Associate	Joseph R Hawthorne	Vermont Forensic Laboratory
Associate	Juliana R Hopper	Massachusetts Department of State Police
Regular	Ondra M Kielbasa	Alvernia University
Associate	Emily S Klatt	New York State Ppolic
Associate	Heather N Lapham	New York State Police Forensic Investigation Unit
Associate	Jamie LiCausi	N/A
Regular	Joy A Mapp	Vermont Forensic Laboratory
Regular	Kevin M Martin	New York State Police Forensic Investigation Unit
Associate	Courtney K McGowan	Boston University School of Medicine
Associate	Ronald J Moss	Beekmantown Central School District
Associate	Jonathon P Muza	Western New England University
Regular	Stacey L Myslinski	New Jersey State Police Office of Forensic Science
Associate	Nathan J Napper	New York State Police, Forensic Investigation Center
Associate	Emily R Neverett	Forensic Science Department at the University of New Haven

STATUS	FULL NAME	AFFILIATION
Associate	Amy M Osborne	University at Albany- SUNY
Associate	Emily R Parchuke	Rutgers University
Associate	Joseph S Philips	Westchester County Forensic Laboratory
Associate	Angelina Pollen	Westchester County Forensic Laboratory
Regular	Robert H Powers	University of New Haven, Department of Forensic Science
Associate	Caroline L Rachalski	Massachusetts State Police Crime Laboratory
Regular	Joshua E Smith	Alvernia University
Associate	Xia Yearwood-Garcia	Boston Police Department Crime Laboratory

REINSTATEMENTS AND UPGRADES*

MEMBER #	STATUS	FULL NAME	AFFILIATION
1803	Upgrade to Emeritus	Lewis Smith	NJSP South Regional Lab
1743	Reinstatement to Regular	Amanda Andrews	NMS Labs
1826	Reinstatement to Regular	Eric Sorrentino	Suffolk County Crime Laboratory
563	Upgrade to Emeritus	Joseph M Galdi	N/A
704	Upgrade to Emeritus	Ronald Stanbro	N/A
1663	Reinstatement to Regular	Janine R Johnson	State of Connecticut Dept. of Emergency Services and Public Protection
1882	Reinstatement to Regular	Lewis H Gordon	Forensic Evidence, Inc.
1721	Reinstatement to Associate	Amanda Zimmerman (Shom)	Massachusetts State Police Crime Laboratory
1923	Upgrade to Regular	Sarah R Roseman (Isasi)	Nassau County Medical Examiner Division of Forensic Sciences
1794	Reinstatement to Associate	Anthula Vadoros	New York State Police
1874	Upgrade to Regular	Chandler M Grant	Forensic Pathology Associates (Division of Health Network Laboratories)

MEMBERS TO BE DROPPED (if payment is not received by Annual Meeting)*

MEMBER #	STATUS	FULL NAME	AFFILIATION
1108	Associate	Sosamma Abraham	NYC Office of the Chief Medical Examiner
1948	Associate	Abigail A Acio	Pennsylvania State University Forensic Science Department
1968	Associate	Colton Ames	Cigna Group Insurance
1380	Regular	Andrea L. Belec	Burlington Laboratories
1835	Regular	Anuja Bharadwaj	CT Dept. of Emergency Services, Toxicology Lab
1825	Regular	Jolene Bierly	NYSP Forensic Investigation Center
1682	Associate	Alexandra Brodeur	Rhode Island Dept. of Health Labs
1924	Associate	Deadra A. Caleb	NYC Health and Hospitals
1930	Regular	Laura Cannon	N/A
1751	Associate	Jacqueline Celiberti	Hofstra University
1734	Regular	Deborah Cole	NJSP Office of Forensic Science
1102	Regular	Ellyn D. Colquhoun	Monroe County Public Safety Laboratory
1847	Regular	Ellen Conlon	CT Dept of Emergency Services - Div of Forensic Services
1811	Associate	Danielle Brandoff	Pace University
1598	Regular	Alexandra L Davis	Westchester County Forensic Laboratory

MEMBER #	STATUS	FULL NAME	AFFILIATION
1914	Associate	Natalia Dyrkacz	Bay Path University
75	Regular	Mark A. Farley	N/A
1938	Associate	Miranda Lisa French	Bay Path University
802	Regular	Laura W. Goldstein	Customs and Border Protection - NY Laboratory
84	Regular	Aziel Gorski	Alabama State University/ Forensic Science Program
1595	Regular	Lillian Guia	New Jersey State Police
931	Regular	Donald R. Hayes, Jr.	Boston Police Department Crime Laboratory
1725	Associate	Kristen J. Head	Westchester County Dept. of Labs and Research
1240	Regular	Mark A. Henderson	Niagra County Sheriff's Office Forensic Lab
941	Regular	Paul E. Kish	Forensic Consultant
1536	Associate	Edward Kovacs	DEA Northeast Laboratory
1888	Associate	Leonard Lim Lee	John Jay College of Criminal Justice
1907	Associate	Maggie M. Levesque	Bay Path University
1870	Associate	Joelle A. Lopez	Westchester County Forensic Laboratory
1887	Regular	Lisa G. McFarland	U.S. Customs and Border Protection, NY Laboratory
1842	Associate	Tiffany Millett	John Jay College
1458	Regular	Christina Molnar	New Jersey State Police
1913	Associate	Katheryn Nottoli	Bay Path University
1511	Regular	Jessica O'Connor	Mass. State Police Crime Lab
1733	Regular	Yvette Orihuela	NY OCME
1672	Associate	Heidi L. Osterman	Onondaga County Medical Examiner's Office
1782	Associate	Gina Parada	Allen Flavors Inc.
1944	Associate	Richard J. Passanisi	John Jay College of Criminal Justice
1698	Associate	Thomas Pritchett	Cedar Crest College
1600	Regular	Lisa Ragaza	CT Dept. of Public Safety
1909	Associate	Cherie L. Reynolds	Bay Path University
1941	Associate	Sara M. Ritter	Burlington Labs
1669	Regular	Tiffany A. Roy	Massachusetts State Police Crime Laboratory
1884	Regular	Sharon A. Salem	Massachusetts State Police Crime Laboratory
168	Regular	John L. Sang	Sang Forensic Document Laboratory
1961	Associate	Ryan K Schonert	Pennsylvania State University Forensic Science Department
843	Regular	Tammi Jacobs Shulman	Westchester County Forensic Lab
934	Regular	Kerry Slattery	DESPP Toxicology Lab
1812	Regular	Sarah Stein	Western New England University
1295	Regular	Tara A. Tighe	Vermont Department of Public Safety
1038	Associate	E. J. Wagner	MLINS - SUNY, Stony Brook
1843	Associate	Angelica Wilz	Cedar Crest College
1946	Regular	Aimee N Wong	NJ State Police Office of Forensic Science
1708	Associate	Timothy Woods	Massachusetts State Police Crime Lab
1599	Associate	Tracey Wright	US Army Criminal Investigations Laboratory

***subject to change**

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Analysis of Ethanol in Blood, and Oral Fluid Samples from Dosed Individuals by Headspace Gas Chromatography

Updates since November, 2017

Sample Collection

An additional controlled human dosing study was conducted, bringing the total volunteer count to 16 eligible female subjects. Dosing studies were completed (IRB approval #2017-20). Individuals who were current or former students at Cedar Crest College who were over the legal drinking age or 21 were recruited for the study. Participants were recruited on a voluntary basis and were made fully aware of the potential risks of the study; participants were free to withdraw from the study at any point, as long as their blood alcohol concentration was 0.00% at the time of withdrawal, as determined by a portable breath testing device and permission granted by a Cedar Crest College Police Officer.

Prior to sample collection, participants were instructed to abstain from the consumption of alcohol for 48 hours and the consumption of food overnight. Participants were under the care of two registered nurses affiliated with Cedar Crest College at all times throughout the study.

A blank sample of oral fluid, blood, and breath samples were collected from the participant; blood was collected by a registered nurse, while oral fluid was collected by the researcher/the participant. Breath samples were obtained by a Cedar Crest College Police Officer. Based upon the participant's weight, the individual consumed a pre-determined portion of Clover Hill Niagara wine in order to raise their BAC to approximately 0.05 g/dL. For the first 30 minutes of the study, breath and oral fluid samples were collected in 5-minute intervals. The collection of blood, oral fluid, and breath continued every fifteen (15) minutes after

consumption until the 3-hour time period allotted for the study had elapsed. Participants were not released until the portable breath testing device indicated that the individual's blood alcohol concentration was 0.00%, regardless of whether or not this occurred within the 3-hour time period.

Sample Preparation

Blood and oral fluid samples were prepared using 3 mL of internal standard (0.016% n-propanol), 300 μ L of sample, and $\frac{1}{4}$ teaspoon of NaF/NaCl salt mix placed into a 22 mL headspace vial.

Instrumentation

A Clarus 580 gas chromatograph with two flame ionization detectors equipped with dual Elite-BAC1 and Elite-BAC2 columns (Perkin Elmer, USA) were utilized for sample analysis. All samples were prepared in Perkin Elmer 22 mL headspace vials capped with septa and sealed with an electronic crimper (Perkin Elmer, USA). The oven temperature was set at a constant 70°C, with the injector at 160°C and the dual detectors at 250°C. Helium carrier gas was utilized at a flow of 12.3 mL/min. Each vial was heated for 15 minutes to an equilibration temperature of 60°C. Samples were injected onto the column for 0.01 minutes with a total run time of 2.0 minutes.

Data Analysis

A calibration curve was generated in order to complete quantitative work off of the BAC-1 column (FIG 1). An r^2 value of 0.999 was obtained from the linear regression function of Microsoft Excel (2016), indicating that the equation of the line generated fit well with the data obtained.

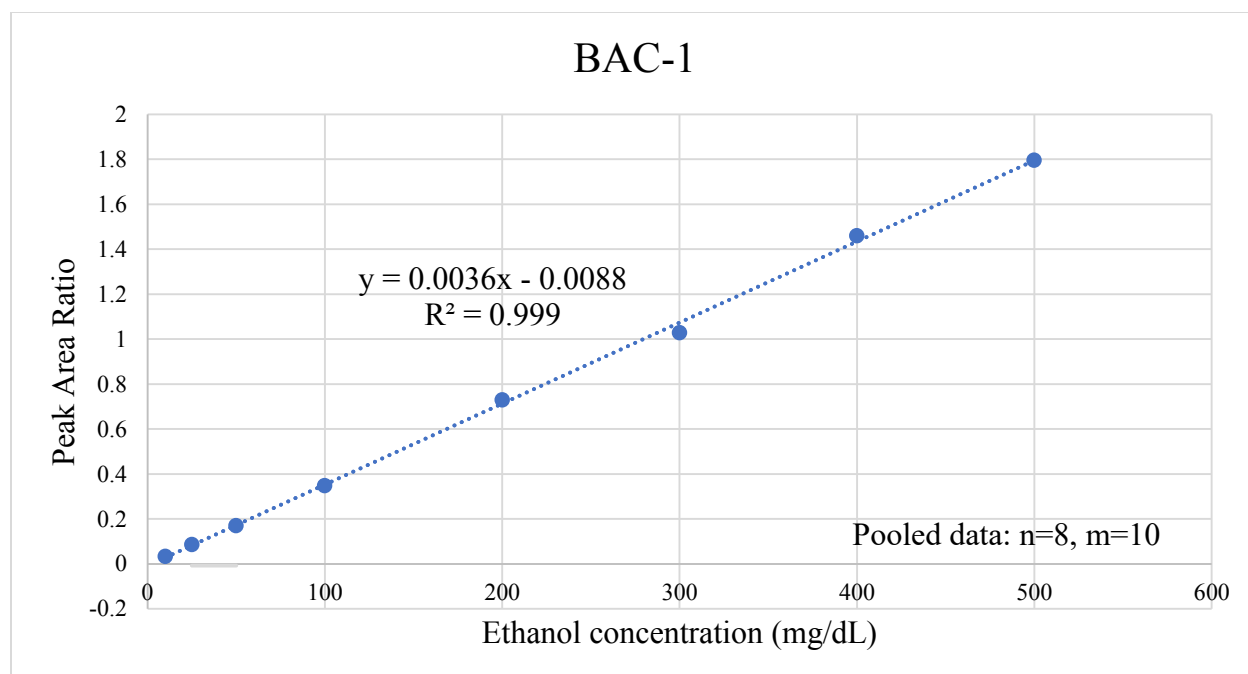


FIG. 1 – Calibration curve generated over 5 days on BAC-1 column

The residuals from this calibration curve were assessed by generating a residual plot. If a linear regression model is to be considered the appropriate fit for the data at hand, the residuals observed should be normally distributed, such that they tend toward zero, with very few large positive or large negative values. The residual plot illustrates this observation, indicating that the model of linear regression fits the data at hand.

Relative standard deviation (RSD%) and accuracy (%) were determined for interday and intraday studies completed (TABLE 1, 2). All values were determined to be within an acceptable tolerance for the purposes of this work.

TABLE 1. Intra- and interday study results for blood at 0.01, 0.15, and 0.30 g/dL

Blood		
	RSD%	Accuracy%
Intra-assay		
0.01 g/dL	0.16	3E-3
0.15 g/dL	2.75	1.90
0.30 g/dL	0.83	3.70
Inter-assay		
0.01 g/dL	2.85E-2	1E-3
0.15 g/dL	6.65E-2	4.08
0.30 g/dL	0.17	4.00

TABLE 2. Inter- and intraday study results for oral fluid at 0.01, 0.15, and 0.30 g/dL

Oral Fluid		
	RSD%	Accuracy%
Intra-assay		
0.01 g/dL	1.42	7E-3
0.15 g/dL	0.32	2.87
0.30 g/dL	0.50	4.36
Inter -assay		
0.01 g/dL	0.10	2E-3
0.15 g/dL	0.18	2.09
0.30 g/dL	2.7E-2	5.53

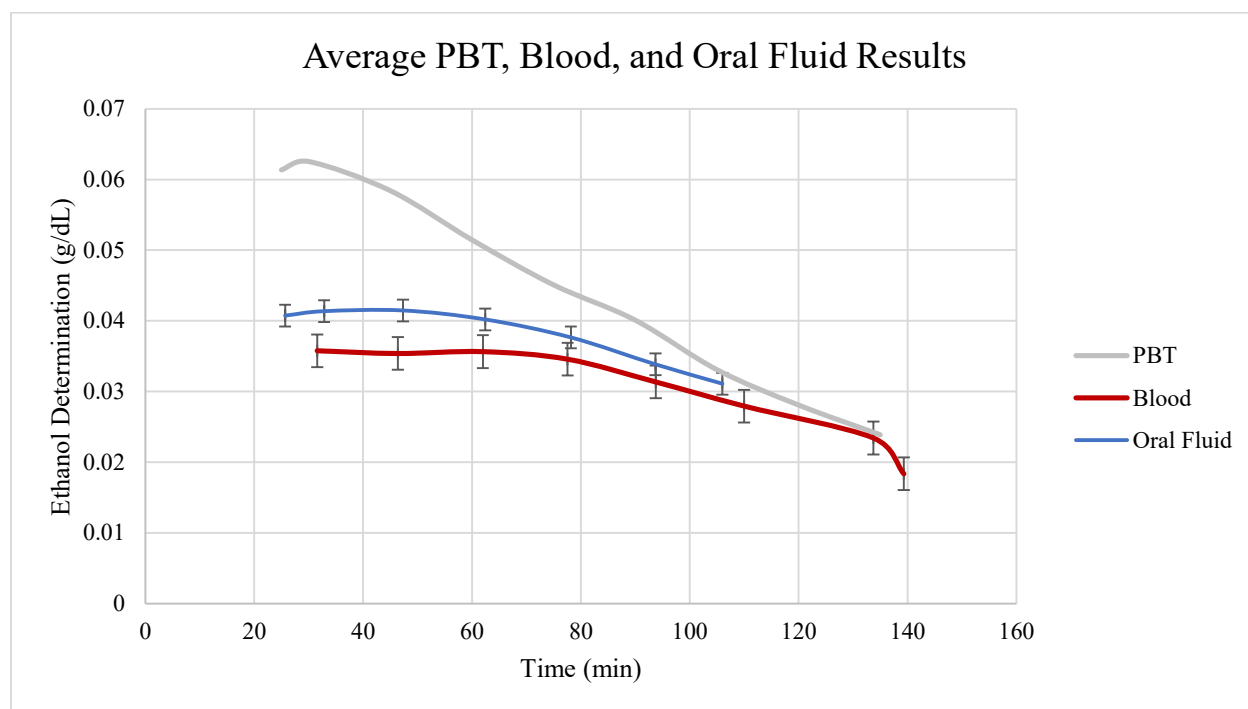


FIG. 2 – Average breath, blood, and oral fluid-ethanol results for volunteers 1-16

Pearson correlation coefficients (TABLE 3) were calculated for blood and oral fluid samples obtained from participants in the dosing study. Pearson correlation coefficients could only be calculated in instances where sufficient data points were available and the collection times of blood and oral fluid coincided to a reasonable degree. Correlation coefficients were calculated for each dosing study participant utilizing all data obtained from samples collected simultaneously, as well as with removal of data obtained from samples collected prior to 20 minutes post-consumption.

Oral fluid ethanol to blood-ethanol ratios across all subjects averaged 1.18:1 (TABLE 3). This result is in alignment with the result of Jones in 2016 (1) who found that oral fluid to blood ratio was closer to 1.10:1.

TABLE 3 – Pearson correlation coefficients and oral fluid to blood ratios calculated for ethanol concentrations in blood and oral fluid samples from controlled dosing studies

Volunteer	Correlation Coefficient	OF:Blood Ratio
1	0.97	1.13
2	0.93	1.05
3	0.97	1.14
5	0.92	1.05
7	0.98	1.15
8	0.96	1.03
9	0.94	1.09
10	0.97	1.19
11	0.96	1.37
13	0.85	1.39
14	0.98	1.25
16	0.97	1.37

Results showed the ethanol concentration profiles correlated well between blood and oral fluid. Pearson correlation values ranged between 0.85-0.98 with an average of 0.95 when samples collected prior to 20 minutes post-consumption were omitted. Oral fluid ethanol and blood ethanol ratios ranged from 1.05 – 1.39, with an average of 1.18.

References

1. Jones AW. Alcohol: Acute and Chronic Use and Postmortem Findings. Payne-James J, Byard WR, editors. Encyclopedia of Forensic and Legal Medicine. 2016; 84-107.

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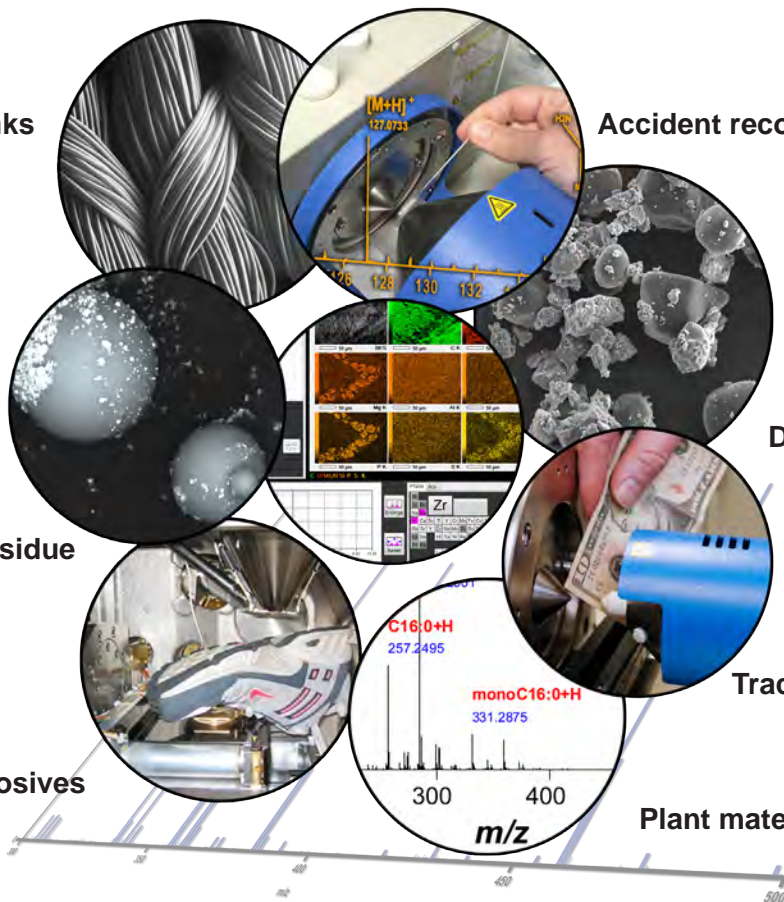
Powders, explosives

Accident reconstruction

Drugs

Trace evidence

Plant materials

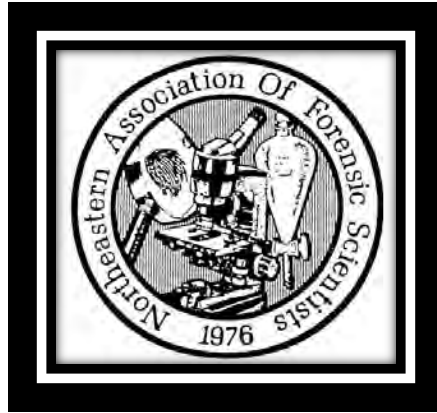


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ATTENTION STUDENTS:

Are you a current full-time undergraduate student in your junior or senior year, or are you either a part-time or full-time graduate student completing his or her degree in a forensic program at a regionally accredited institution located in the Northeastern U.S. (Connecticut, Rhode Island, Massachusetts, New Hampshire, Vermont, Maine, New Jersey, New York, and Pennsylvania)?

Then you are eligible to apply for:

George W. Neighbor Jr. Memorial Scholarship (undergraduate) - Award is \$1750

George W. Neighbor Jr. Memorial Scholarship (graduate) - Award is \$1750

George W. Chin Memorial Scholarship – Award is \$2000

Carol De Forest Forensic Science Research Grants - Award is \$2500

***Note** – eligibility is for both full-time undergraduate and graduate students

**** Note** – Two Research Grants will be Awarded.

All submission materials for either the scholarships or the research grants must be completed, and electronically submitted by April 30th. The 2019 Awards recipients will be notified no later than September 1st.

For more information and Scholarship/Research Grant forms please go to <http://www.neafs.org/>

Questions or comments? Please email Awards@NEAFS.org

NEAFS needs your HELP to fill in the blanks!

Are you an award winner or know someone who was? If so, please contact Elizabeth Duval at awards@neafs.org with any additional information.

NEAFS Awards Winners

2017

George W. Neighbor Jr. Memorial Scholarship Undergraduate – Colton Ames, Duquesne University
George W. Neighbor, Jr. Memorial Scholarship Graduate – Jackie Quito
Carol De Forest Research Grant – Emily Parchuke
George W. Chin Memorial Scholarship – Kaitlin Kruglak
Meritorious Service Award – Andrea Belec-LaJoy

2016

George W. Neighbor Jr. Memorial Scholarship Undergraduate – Olivia Goodwin
George W. Neighbor, Jr. Memorial Scholarship Graduate – Courtney Mower
Carol De Forest Research Grant – Chandler Grant and Elena Zavala
Meritorious Service Award – George W. Chin

2015

George W. Neighbor, Jr. Memorial Scholarship Graduate - Kaitlyn Hess
George W. Neighbor Jr. Memorial Scholarship Graduate – Erica Johnson
Carol De Forest Research Grant – Ashton Lesiak
Meritorious Service Award – David San Pietro

2014

George W. Neighbor, Jr. Memorial Scholarship Undergraduate - Angelica Graver
George W. Neighbor Jr. Memorial Scholarship Graduate - Heidi Campbell
Carol De Forest Research Grant - Emily Meyers
Meritorious Service Award – Peter Diaczuk

2013

George W. Neighbor, Jr. Memorial Scholarship Undergraduate - Emily Fuller
George W. Neighbor, Jr. Memorial Scholarship Graduate - Ashton Lesiak
Carol De Forest Research Grant - Rachel Bower
Meritorious Service Award – Vincent Desiderio

2012

George W. Neighbor, Jr. Memorial Scholarship Undergraduate – Kaitlin Hafer
George W. Neighbor, Jr. Memorial Scholarship Graduate - Daniel Hall
1st Carol De Forest Research Grant – Joseph Iacona
1st Meritorious Service Award – Ted Schwartz

2011

George W. Neighbor, Jr. Memorial Scholarship Undergraduate – Elizabeth Sunderhaus
George W. Neighbor, Jr. Memorial Scholarship Graduate - Kristen Johnson

2010

George W. Neighbor, Jr. Memorial Scholarship Undergraduate – Jennifer Bonetti
George W. Neighbor, Jr. Memorial Scholarship Graduate - Loretta Kuo

2009

George W. Neighbor, Jr. Memorial Scholarship Undergraduate – Michelle Schmidt
George W. Neighbor, Jr. Memorial Scholarship Graduate – [REDACTED]

2008

George W. Neighbor, Jr. Memorial Scholarship Undergraduate – Stacie Kaufman
George W. Neighbor, Jr. Memorial Scholarship Graduate - [REDACTED]

2007

George W. Neighbor, Jr. Memorial Scholarship Undergraduate – Christina Mulligan
George W. Neighbor, Jr. Memorial Scholarship Graduate - Paul Seidler

2006

George W. Neighbor, Jr. Memorial Scholarship Undergraduate – Kathryn O'Brien
George W. Neighbor, Jr. Memorial Scholarship Graduate - Joel Stepanchick

2005

George W. Neighbor, Jr. Undergraduate – April McNearney
George W. Neighbor, Jr. Graduate - Evan Bernier

2004

George W. Neighbor, Jr. Memorial Scholarship Undergraduate – Meghan Miller
George W. Neighbor, Jr. Memorial Scholarship Graduate - Deborah Lark

2003

George W. Neighbor, Jr. Memorial Scholarship Undergraduate – Annette Lopez
George W. Neighbor, Jr. Memorial Scholarship Graduate – Kelley Corcoran

2002

George W. Neighbor, Jr. Memorial Scholarship Undergraduate – John Kristofic George
W. Neighbor, Jr. Memorial Scholarship Graduate - Marc LaFrance

2001

George W. Neighbor, Jr. Memorial Scholarship – Allison Curran

2000

George W. Neighbor, Jr. Memorial Scholarship Graduate – Linda Chiu Rourke

1999

George W. Neighbor, Jr. Memorial Scholarship – Kimerbely A. Parker
George W. Neighbor, Jr. Memorial Scholarship – Vincent J. Desiderio

1998

George W. Neighbor, Jr. Memorial Scholarship – Lisa Malachowski

George W. Neighbor, Jr. Memorial Scholarship – Brandy Blackbum

1997- Awards changed to be called George W. Neighbor, Jr. Scholarship

No awards were given out as all applications received were incomplete.

1989 and 1990 No award given out.

1988 NEAFS Scholarship - JoAnn Buscaglia

THE GEORGE W. CHIN MEMORIAL SCHOLARSHIP

NEAFS and the Chin Family



On September 22, 2016, NEAFS lost one of the pioneers of the Association. George had a passion for forensic science and as a self-appointed “God of Trace Evidence”, he liked to share his knowledge and mentor the younger generation. George was one of the co-founders of the Student Forum at NEAFS, where he would teach students about the realities of a job in forensic science. In addition to NEAFS, he was also a life member of the New Jersey Association of Forensic Scientists (NJAFS), a charter member of the American Society of Trace Evidence Examiners (ASTEE), and a member of the American Academy of Forensic Sciences (AAFS) and the New Jersey Homicide Investigators Association (NJHIA).

A graduate of John Jay College of Criminal Justice – City University of New York (CUNY), his professional career spanned 36 years with the New Jersey State Police. When George first started in March of 1980, he was briefly assigned to the Equine Laboratory at the Meadowlands, but quickly transitioned to a position at the North Regional Laboratory, where he was able to grow his love for all things Trace Evidence. George loved his work and helped to educate students about our field. He would routinely take his own time to go and lecture to high schools and attend their career fairs. In addition, George has mentored numerous interns over the course of his career, many of whom have him to thank for their current employment!

George’s graciousness was felt by all who came into contact with him and his passing leaves a huge void in the forensic community and in our hearts.

George’s family has graciously set up this Memorial Scholarship fund in his memory and honor.

THE GEORGE W. CHIN MEMORIAL SCHOLARSHIP

Eligibility requirements for the George W. Chin Memorial Scholarship:

- Currently enrolled in a Forensic Science program
- Full-time undergraduate students in their junior or senior year
- Full or part-time graduate students (limited to first two years for PhD students)
- The student must demonstrate excellence in his/her academic program.

Application requirements:

- Two letters of recommendation (each accompanied with the recommendation form) from Professors involved in the Forensic Science curriculum.
- A letter from the student describing his/her personal aspirations in the Forensics field, achievements and reasons for award consideration. (Minimum of 250 words - maximum of 500 words). This must be provided to the Professors submitting the recommendation letters.
- Applicants should be attending college/university within the area from which the Northeastern Association of Forensic Scientists draws its members (Maine, New Hampshire, Vermont, Rhode Island, Massachusetts, New York, Connecticut, New Jersey, and Pennsylvania).
- Most current academic transcripts.
- Application requirements must be emailed by **April 30th**. Out of fairness to all potential candidates, no exceptions will be made.

Interested candidates should submit the above requirements electronically in a single PDF titled (GWC_Last name_First name_Grad) OR (GWC_Last name_First name_Undergrad) to awards@neafs.org

THE GEORGE W. CHIN MEMORIAL SCHOLARSHIP



Are you a current full-time undergraduate student in your junior or senior year, or are you either a part-time or full-time graduate student or in your first two years of your Ph.D. Forensic Science program? Do you attend a college or university within the area from which NEAFS draws its members (CT, NY, NJ, PA, VT, NH, ME, RI, MA)? Do you demonstrate excellence in your academic program?

If Yes, you are eligible to apply for the George W. Chin Memorial Scholarship!

The award is \$2000.00 as well as Associate membership for one year in the NEAFS organization. Membership will be granted to a current member or active applicant as well as a non-member (the application fee will also be included).

All submission materials for the Memorial Scholarship must be completed and electronically submitted by April 30. The award recipients will be notified no later than September 1.

For more information and to obtain the application forms, go to <http://www.neafs.org>

If you have any questions please email: awards@neafs.org

Northeastern Association of Forensic Scientists

George W. Chin Memorial Scholarship

Application Form

Undergraduate ☐ Graduate ☐ Ph.D. (1st 2 years) ☐ (select one)

Name _____ Email _____

School Residence _____ School Phone Number _____

Home Address _____ Home Phone Number _____

College/Institution _____ Current Year _____

Personal aspirations in the Forensics field, achievements and reasons for award consideration –

Minimum of 250 words and a maximum of 500 words

(Please use the space below and/or attach additional sheets, if necessary)

All applicants must submit the following materials electronically in one pdf file to awards@neafs.org: 1) Candidate application; 2) Two recommendation forms from Professors in the Forensic Science curriculum and corresponding letters; 3) Most current academic transcripts.

All materials must be submitted and received no later than **April 30th**. The winner will be notified no later than September 1st.

NEAFS does not discriminate against any applicant because of race, color, religion, sex, national origin, or physical handicap.

OFFICIAL USE ONLY: Reference# _____ Date Received _____ Initials _____

Northeastern Association of Forensic Scientists

George W. Chin Memorial Scholarship

Recommendation Form

Undergraduate___ Graduate___ Ph.D. (1st 2 years)___(select one)

Candidate's Name_____ Date_____

Professor's Name_____ Signature_____

Title_____ College/Institution_____

Address_____

Phone Number_____ Affiliation with Candidate_____

Please check the appropriate code: O=Outstanding E=Excellent G=Good A=Average BA=Below Average NI=No Information

	O	E	G	A	BA	NI
Knowledge of subject matter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ability to work with others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communication skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leadership	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initiative	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maturity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Integrity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attitude	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please feel free to give us any additional comments you feel may be helpful to us. (Attach additional sheets, if necessary.)

I have read the candidate's letter and find it to be true and accurate to the best of my knowledge. ☐ Agree ☐ Disagree

All applicants must submit the following materials electronically in one pdf file to awards@neafs.org: 1) Candidate application; 2) Two recommendation forms from Professors in the Forensic Science curriculum and corresponding letters; 3) Most current academic transcripts.

All materials must be submitted and received no later than **April 30th**.

NEAFS does not discriminate against any applicant because of race, color, religion, sex, national origin, or physical handicap.

OFFICIAL USE ONLY: Reference#_____ Date Received_____ Initials_____



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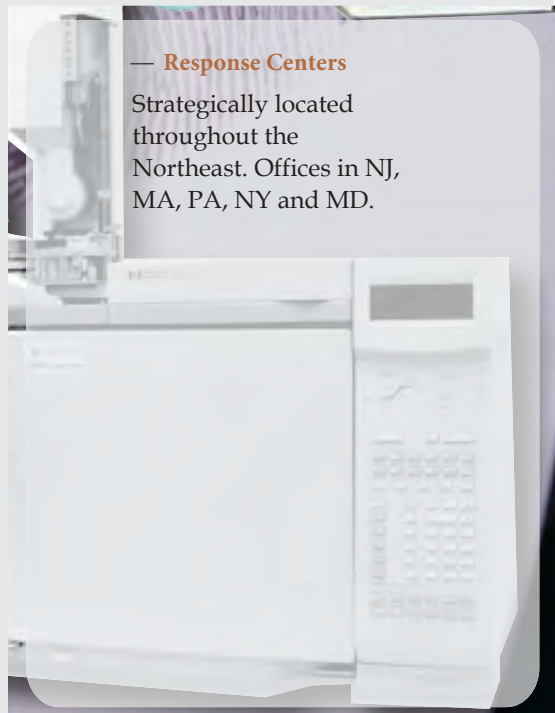
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- Auto sampler exchange program

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NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS

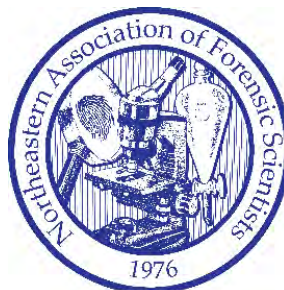


For questions, additional information or to volunteer please contact
Maria Tsocanos at: treasurer@neafs.org

2019 ANNUAL MEETING

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NOVEMBER 12 – 16, 2019



NEAFS Visiting Scientist Program

Any private or public forensic science laboratory in the NEAFS geographical area needing technical, scientific, or training assistance may apply to the NEAFS Visiting Scientist Program.

Upon request, NEAFS will make a good faith effort to find a qualified individual(s) to come to the laboratory and provide the assistance. The person(s) selected will be agreed upon between NEAFS and the laboratory. Preference may be given to subject matter experts within the NEAFS membership. NEAFS will subsidize up to \$5,000 for the visit which can be up to 5 working days in duration. Travel logistics will be arranged by the laboratory in conjunction with both the visiting scientist and NEAFS.

At least one NEAFS member must be in attendance.

Interested laboratories shall complete the attached application and email it to the NEAFS Education Chairperson at education@neafs.org. Applications should be received at least 6 months in advance of the anticipated date(s) of the visit. The contact person can expect to be informed by the Education Chair of the approval or denial of the request within 30-60 days of receiving application.

The number of quality hours for those claiming continuing education credit as a result of the training will be determined by the instructor(s).

NEAFS Visiting Scientist Request Form

Laboratory: _____

Laboratory Director/Manager: _____

Address: _____

Contact: _____

Phone: _____

Email: _____

Request (Be Specific):

Do you have a particular individual(s) who you wish to be the visiting scientist?

Approximate desired date(s) of visit: _____

Number of individuals attending the training: _____

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merchandise
tab!*



GET YOUR NEAFS GEAR!

ABC DACUM Workshop Summary

Beth Saucier Goodspeed

The American Board of Criminalistics (ABC), in their quest for ISO 17024 Accreditation, sent out a request for subject matter experts to assist them in an occupational analysis. They were looking for experts to serve on a panel to perform a “cradle to grave” analysis as well as having other roles in the forensic laboratory. These roles could include QA, training, and validation. The goal of this workshop was to improve the exams that they provide for certification as well as to ensure that the tests are applicable to the jobs that are actually being performed by forensic scientists. The ABC organization selected applicants based on experience, gender, geographic area and availability. These distinctions were recommended to ensure that the entire community was represented. I applied to be one of these experts to sit on the panel and I was selected out of one hundred and forty applicants after going through an application and interview process. The expert should be an effective communicator, a team player, and willing to participate for the entire workshop. If the expert was a supervisor, they had to step out of this role for the brainstorming session. This was the second DACUM workshop held, the first panel was selected to work on the forensic biology examination.

A DACUM (Developing a Curriculum) workshop is an effective and quick method to analyze jobs and occupations. These workshops have been used worldwide for over 40 years. The workshop had two trained facilitators working with a total of twelve forensic scientists. This process, as described by DACUM, “provides the foundation for job certification” for government agencies and professional organizations. This process can be used in any job or any industry. Our job as the expert panel was to create a job profile chart which is a graphic and detailed list of duties and tasks performed by forensic scientists. We also had to identify behaviors e.g. must be unbiased, reliable dependable; tools and equipment, e.g. PPE, lab equipment, LIMS, lab instrumentation; knowledge and skills e.g. must have a science degree, good at troubleshooting; and future trends and concerns e.g. novel drug sequences , new technologies, retention of employees; that play a

role as a forensic scientist. This information was to be used to update the general knowledge certification examination administered by the ABC.

The workshop began with a short PowerPoint presentation to introduce the panel to the DACUM process and to give us an idea of what was to be expected of us over the following two days. After the presentation, we started with listing out job duties that would be applicable to all disciplines. The expert panel had analysts from the DNA, Trace, Serology (Criminalistics), Toxicology, Drugs and Crime Scene units within a private laboratory, a state laboratory or a federal laboratory as well as an outside expert. The job duties were then narrowed down into eight main “buckets” or groups. A few examples of the job duties were “perform casework” and “participate in professional development”. After the duties were finalized, the group then had to prepare task statements that are part of that specific duty. Some examples of task statements developed were “manage case assignments”, maintain chain of custody”, “attend external trainings e.g. workshops, seminars, webinars” and “conduct research projects”. Each of the buckets and each of the task statements were placed in order of relevance to the job of a forensic scientist. This brainstorming session took approximately two days to complete. It seemed like it would be an easy task but it was a lot harder than it seemed! Each task statement had to be constructed in a certain way, using certain verbs as well as keeping it simple. It was also very interesting to hear how other laboratories set up their duties, tasks and responsibilities.

The DACUM chart that was developed by the panel will be sent out, in a form of a survey, to the other analysts that expressed an interest in being on the panel. They will then take a survey to help the ABC determine which areas are the most important to be included on future examinations. If there is an area that is not applicable or not highly scored, it may not be included on future examinations.

I feel fortunate to have been selected for this process because I believe it will help forensic scientists in their quest for ABC certification.

2018 Training Scholarship Fund

The Northeastern Association of Forensic Scientists (NEAFS) is proud to offer its members a 2018 Training Scholarship Fund. Regular members, in good standing, are eligible to receive up to \$200 towards training, workshop or non-NEAFS meeting registration expenses. Detailed instructions and application forms are available on the NEAFS website. Simply click the “Training” link at the top of the screen and scroll down to the “NEAFS Training Scholarship Forms”. The current application period is January 1st, 2018 to December 31st, 2018. Reimbursements will be issued on a first come, first serve basis and funding is limited. If you plan to attend a non-NEAFS meeting workshop, training or course during this application period and will not be funded by your agency or any other non-NEAFS related entity, we highly encourage your swift application for the 2018 Training Scholarship Fund. Please visit the NEAFS [training](#) website to take advantage of this great NEAFS opportunity and to view upcoming training opportunities!

Upcoming Training

Training Opportunities

October 2018

Association of Forensic Quality Assurance Managers (afqam.org) Annual Meeting, Providence, Rhode Island October 9-12, 2018

The membership of the Association of Forensic Quality Assurance Managers (afqam.org) would like to invite you to attend our annual meeting, being held in beautiful Providence, Rhode Island, October 9 to 12, 2018. Meeting registration is open and a block of lodging rooms has been secured at government per diem rate. We also have a fun evening Halloween event planned. Here is a link to access registration and meeting information: <https://www.afqam.org/wp15/annual-training-conference/>.

Highlighted topics include:

- Transitioning to the 2017 version of ISO/IEC 17025

- Leadership skill development

- Accrediting body updates

- Small group breakout sessions which include risk analysis and root cause analysis

Crime Scene Reconstruction Course Hyatt Place Bethlehem, 45 West North Street, Bethlehem, PA 18018 October 15 – 19, 2018

This course will provide attendees with an understanding of fundamental science and how it can be applied to case specific reconstructive efforts so that experimentally derived data and reconstructive determinations are reliable, defensible and most importantly, case circumstance specific. The course foundation is premised on the fact that irrespective of complexity, the “value add” of any reconstructive effort hinges on getting it right at the start. Upon course completion attendees will also be able to describe reasoning models involved in reconstructive efforts, identify and evaluate case specific assumptions and limitations, explain the compilation, reporting and delivery of expert reconstructive outcomes and recognize and avoid, the dangers of “early theory development”.

The format of the course is such that participants will be able to immediately implement the knowledge gained from the course into their daily casework activities.

Instructor: Dr. Mark Reynolds, APM, Reynolds Forensic Consulting, renofoensics1@gmail.com

Additional Course Information and Registration Contact: Carol Ritter, M.S. cjritter@cedarcrest.edu

Advanced Bloodstain Pattern Analysis Workshop
Chesterfield Police Department, Eanes-Pittman Public Training Center,
6610 Public Safety Way, Chesterfield, VA
October 29 - November 2, 2018

This advanced level course is designed for practitioners who have successfully completed basic instruction in Bloodstain Pattern Analysis and desire to build on that fundamental knowledge while working toward expertise in the discipline. This workshop will begin with a brief review of the basic concepts and will continue with the student applying those concepts in the analysis of a digital case file* with report generation and verbal defense of findings.

Mock crime scenes with the associated clothing and physical evidence, will also be completely analyzed from documentation and stain selection through report writing. In doing so, the entire BPA methodology will be practiced and employed, including the consideration of autopsy findings and forensic biology reports.

Case specific limitations, quality assurance and context bias will also be addressed throughout the workshop.

Workshop Description: <http://noslowforensic.com/new-page/>

Instructors: Toby L. Wolson, M.S., F-ABC, Noslow Forensic Consultation, LLC, E-mail: Toby.Wolson@gmail.com and LeeAnn Singley, Grayson Singley Associates, LLC, Lsingleygsa@msn.com.

Further information about this workshop can be obtained at the following website: <http://noslowforensic.com/new-page/> or by contacting Toby Wolson (Toby.Wolson@gmail.com).

December 2018

Introductory Bloodstain Pattern Analysis Workshop
Miami-Dade Public Safety Training Institute (MDPSTI),
9601 NW 58th St., Doral, FL 33178
December 3-7, 2018

Violent crimes usually result in bloodshed. When physical forces act upon liquid blood, patterns will be deposited on the various items at the crime scene, as well as the clothing of the individuals present during the activity. These patterns can yield valuable information concerning the events that lead to their creation. The information can then be used for reconstruction of the incident, as well as to evaluate the statements of the witnesses and the crime participants. Bloodstain pattern evidence can be of value in the investigation of any violent crime in which bloodshed occurs.

Workshop Description: <http://noslowforensic.com/new-page/>

Instructor: Toby L. Wolson, M.S., F-ABC, Noslow Forensic Consultation, LLC, E-mail: Toby.Wolson@gmail.com

Further information about this workshop can be obtained at the following website: <http://noslowforensic.com/new-page/> or by contacting Toby Wolson (Toby.Wolson@gmail.com).

January 2019

Advanced Bloodstain Pattern Analysis Workshop Miami-Dade Public Safety Training Institute, 9601 NW 58th St., Doral, FL 33178 January 28 - February 1, 2019

Workshop participants will participate in practical exercises to enhance their ability to document and interpret complex bloodstain pattern crime scenes and evidence. This will be accomplished by having the participant's process bloodstain pattern crime scenes and by examination of the clothing that was worn while the scenes were created. In addition, the participants will receive training in the presentation of the bloodstain pattern evidence and in the writing of bloodstain pattern analysis reports.

Workshop Description: <http://noslowforensic.com/new-page/>

Instructor: Toby L. Wolson, M.S., F-ABC, Noslow Forensic Consultation, LLC, E-mail: Toby.Wolson@gmail.com

Further information about this workshop can be obtained at the following website: <http://noslowforensic.com/new-page/> or by contacting Toby Wolson (Toby.Wolson@gmail.com).



NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS 2018 TRAINING SCHOLARSHIP FUND

OPEN APPLICATION PERIOD: JANUARY 1st, 2018- DECEMBER 31st, 2018

APPLICATION REQUIREMENTS

The Northeastern Association of Forensic Scientists (NEAFS) is proud to offer its members a Training Scholarship Fund (TSF). **Members in good standing are eligible to receive up to \$200 towards training**, workshop or non-NEAFS meeting registration and travel expenses. Individuals will only be allowed reimbursement once per application period. Any NEAFS Annual Meeting expenses are ineligible to receive funding. Reimbursement will occur upon receipt of a certificate showing successful attendance and completion of the course along with an article summarizing the course for the NEAFS newsletter.

APPLICATION INSTRUCTIONS

Applicants must submit a *Pre-Approval Application* prior to attending the training for which they wish to obtain funding. All applications must be complete with a brief course description, statement as to how the applicant will benefit from attending the training and justification for receiving funding (i.e. insufficient employer funding or continuing education requirements).

Notification will be given to each applicant upon receipt of the *Pre-Approval Application*. This notification lets the applicant know that their submission has been received by the **Awards Chair at NEAFS** and is being reviewed. Applicants can expect to be informed of the acceptance or rejection of their application within 60 days of receiving this *Pre-Approval Application* notification.

Upon successful attendance and completion of the training, all pre-approved applicants must submit a *Reimbursement Application* along with supporting documentation. Whenever possible, a certificate should be provided as proof of attendance and completion. If a certificate is not issued, or is unavailable, a letter from the organizer/instructor verifying the applicant's successful attendance and completion shall suffice. Each Training Scholarship Fund recipient is required to contribute to NEAFS and its members by publishing a written article in the Newsletter. *Reimbursement Applications* will only be considered complete when accompanied by a 1000-word (minimum) course summary.

All application materials can be found on the NEAFS website. Please submit all inquiries, applications and supporting documentation to: awards@neafs.org.



NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS

TRAINING SCHOLARSHIP FUND

PRE-APPROVAL APPLICATION

Instructions: To be completed prior to attending the workshop/meeting eligible for reimbursement.

Applicant Information

First Name: _____ Last Name: _____
 Organization/Agency: _____
 Street: _____
 City: _____ State: _____ ZIP Code: _____
 Phone: _____ Fax: _____ E-Mail: _____
 NEAFS Member Number: _____
 ABC Status: Diplomat Fellow Board Member Affiliate Exam Committee

Training Information

Course Title: _____
 Sponsor/Host Organization: _____
 Meeting Dates & Times: _____
 Location: _____ Travel Dates & Times: _____
 Course Description: _____

 Attendance Benefit to Applicant: _____

Expenses

Registration Cost: _____ Travel Cost: _____
 Justification for Reimbursement: _____

Will you be reimbursed by your agency or any other non-NEAFS related entity for any expenses incurred as a result of attending the above training? Yes No

If "Yes", provide funding agency and amount: _____

Have you been funded to attend all or part of a workshop or training course this year? Yes No

If "Yes", provide cost of workshop(s)/training(s) attended and amount compensated: _____

FOR OFFICIAL USE ONLY: Reference #: _____ Date Received: _____ Initials: _____



NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS

TRAINING SCHOLARSHIP FUND

REIMBURSEMENT APPLICATION

Instructions: To be completed upon successful completion of the workshop/meeting approved for reimbursement.

Applicant Information

First Name: _____ Last Name: _____
 Organization/Agency: _____
 Street: _____
 City: _____ State: _____ ZIP Code: _____
 Phone: _____ Fax: _____ E-Mail: _____

Training Information

Course Title: _____
 Sponsor/Host Organization: _____
 Meeting Dates & Times: _____
 Location: _____ Travel Dates & Times: _____
 Instructor/Organizer: _____
 Phone: _____ Fax: _____ E-Mail: _____

*If applicable, provide proof of attendance and successful completion by attaching a certificate to this form.

NOTE: Each applicant must write a 1000-word (minimum) course summary to accompany this form. Applicants awarded full or partial workshop reimbursement will have their course summaries published in the NEAFS Newsletter. The preferred format is a Microsoft Word document. Reimbursement applications submitted without a course summary will be considered incomplete and ineligible for reimbursement.

Reimbursement Information

Expense(s) Incurred: _____

*Applicants must provide proof of payment for each expense listed on this application.

Will you be reimbursed by your agency or any other non-NEAFS related entity for any expenses incurred as a result of attending the above training? Yes No

If "Yes", provide funding agency and amount: _____

FOR OFFICIAL USE ONLY: Reference #: _____ Date Received: _____ Initials: _____

Historical facts – NEAFS

- “NEAFS was founded in 1975 by a group of dedicated forensic scientists dedicated to improving the professional status and technical capabilities of individuals engaged in all phases of forensic science.” “To accomplish its goals, NEAFS conducts continuing education seminars featuring workshops and special training sessions. The Annual Meeting...presents a contagious atmosphere of scientific exchange and social congeniality.” Mark Lewis, President 1980
- The first Editor of the newsletter in 1976 was R.E. Gaensslen
- The first meeting of the Executive Board was on May 1, 1976 by President Angelo Fatta. Also in attendance were Vincent Crispino, R.E. Gaensslen, Thomas Kubic, Carl Moller and Alexander Stirton.
 - On this first meeting, it was stated that there were 211 members and this number included applicants. Six of those members were upgraded to Regular members.
 - The first annual meeting was being discussed. The annual meeting was to be a one day meeting on or about October 23, 1976. Tentative sites were John Jay College or C.W. Post College. The schedule was: 8am-12pm Coffee and Registration, business meeting and split sessions; Lunch; 1pm-5pm two general interest talks, split sessions, mixer and dinner. The split sessions included serology, microscopy, arson, toxicology and drug identification. The general interest talks would be short and would be concerning aspects of forensic science that would be unfamiliar or unusual to most members.
- NEAFS was incorporated by the State of Connecticut on May 12, 1976. Vincent Crispino, Thomas Kubic and Henry Lee were the Incorporators.
- The NEAFS newsletters were published by the Forensic Sciences Foundation which was located in Maryland.
- A joint meeting was held on April 15-16 with MAAFS in New Jersey as well as the Annual Meeting of NEAFS on October 29th in 1977.
- Dr. Peter De Forest chaired the Hairs and Fibers Session during the Second Annual Meeting. Alexander Stirton chaired the Serology Session and Dr. Jesse Bidanset chaired the Toxicology Session during the Second Annual Meeting.
- The newsletters included information from other regional organizations as well as NEAFS.
- In 1977, the BOD acted as an ad hoc Education Committee and set up two courses entitled: “Forensic Microscopy” and “Introduction to the Forensic Applications of Infrared Spectroscopy”.
- A luncheon was held during the 3rd Annual meeting of NEAFS and consisted of salad, a choice of roast beef or filet of sole, dessert and a beverage for \$6.00. Cocktails were \$1.50 and beer and wine were \$1.00.
- In 1978, the annual meeting was increased to a two day program instead of one day.
- George Neighbor volunteered to chair the Paint analysis program for the 1978 Annual Meeting.
- In 1978, NEAFS sponsored a training course entitled “Basic Bloodstain Analysis” and it was taught by Dr. Henry Lee, Dr. R.E. Gaensslen and Dr. Peter De Forest. This course was held at the University of New Haven.
- George W. Neighbor was the Secretary of NEAFS in 1978.
- Thomas A. Kubic was voted in as a Life Member of NEAFS while he was President in 1978.
- In 1979, Chris Chany was approved to become a Provisional member from a student member and Peter Diaczuk was approved to be a Corresponding member.
- George W. Neighbor was President-elect in 1980.
- Travel reimbursement for mileage was 17 cents/mile in 1980.
- NEAFS had 400 members in 1980.
- In May 1980 in Louisville Kentucky, NEAFS participated in the first multi-regional association meeting.
- George W. Neighbor had a BA degree in Chemistry from Rider College and a MS in Forensic Science from John Jay College. He worked as a Principal Forensic Chemist for the NJSP in the North Regional Laboratory in Little Falls, NJ where he supervises the trace evidence and bio-chemical units. Prior to working with the NJSP, He has

twenty years of industrial research experience in materials analysis. He served as Secretary for two terms (1978-79) and was a member of the AAFS and the Forensic Science Academy. George became President of NEAFS in 1981 – the 7th year in NEAFS history. George stated at the end of his President's message in the March 1981 newsletter "Now you can call me George, or you can call me G.W., or you can call me George W., or you can call me Hi Neighbor". In 1989, George presented "Trace Evidence Never Grows Old" during the Criminalistics Session.

- In 1997, the Scholarship award was renamed the George W. Neighbor Jr. Memorial Scholarship
- In 1980, the Annual Meeting budget was \$2000.
- 1980 Goals of NEAFS
 - Exchange ideas and information among professionals in the field
 - Promote recognition of forensic science as an important part of the justice system
 - Sponsor and organize seminars, workshops, and special training sessions
 - Represent the membership on national issues affecting forensic science
 - Encourage research and development
 - Stimulate implementation of new methods and techniques
 - Establish professional standards
 - Provide advice on educational curricula, legislation and other matters affecting the profession
 - Arbitrate professional disputes
 - Foster friendship and collegiality among the forensic scientists of the Northeast
- For the 10th Annual Meeting, the room rate was \$55 (single or double).
- The 12th annual meeting was the first meeting held in New England in Peabody, MA. A clam bake was scheduled.
- The door prizes that were given out at the 11th Annual Meeting were a Commodore 64 Computer, Cannon AE1 Camera, Reflecting Telescope and an AM-FM radio.
- Our current method of visiting the exhibitor booths and obtaining confirmation of the visit goes back to at least the 9th Annual Meeting in 1983.
- The door prizes given out at the 14th Annual Meeting which was donated by Perkin-Elmer were a Video Cassette Recorder, Compact Disk Player, Scientific Programmable Calculator, Cordless Telephone and a Sony Walkman.