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NEAFS Newsletter

Volume 42, Issue 2

Summer 2017

NORTH
EASTERN
ASSOCIATION
OF
FORENSIC
SCIENTISTS

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- **Reliable Operation** – Smart MRM technology helps accurately create methods for ultra-trace analysis and ensures high sensitivity for MRM measurements

MEET THE 2017 BOD

Beth Saucier Goodspeed – President

Massachusetts State Police Crime Laboratory – Maynard
Forensic Scientist IV in the Criminalistics and Crime Scene Response Units since June 2001
Adjunct Instructor in the Graduate Forensic Science program – Bay Path College 2011-2015
VT Dept. of Health – Forensic Toxicology Chemist for 1 year (2000)
BS in Forensic Science – University of New Haven
BS in Chemistry – University of New Haven
MS in Criminal Justice – Westfield State College

Melissa Balogh – President-Elect

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

Maria Tsocanos - Treasurer

Westchester County Forensic Laboratory, NY
Assistant Forensic Scientist in the Forensic Biology section since 2007
BS in Forensic Science - John Jay College of Criminal Justice

Tiffany Ribadeneyra, F-ABC - Secretary

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

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

Angela Vialotti – Director

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



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2017 President's Message



**Northeastern Association
of
Forensic Scientists**

Hello!

Happy Summer!! I hope that everyone is doing well and that you are all eagerly awaiting the upcoming NEAFS meeting. I know that I am! I truly enjoy the NEAFS meeting and I look forward to it every year. Not only do I come home with valuable information but I truly enjoy seeing everyone, catching up and meeting new people. There really is nothing that compares to our meeting!

Our upcoming annual meeting is being held November 7-10, 2017 in Pocono Manor, PA at the Kalahari Resort and Conference Center. I really hope that you will attend – I promise you – you will not be disappointed. The Program Chair, Melissa Balogh and the program staff are doing an excellent job. NEAFS will be offering free registration once again to anyone that presents a technical talk or poster at the annual meeting! Please be sure to take advantage of this benefit and share information that you have learned. Please see our website, www.neafs.org, for more details.

Thank you to everyone that participated in the survey that I sent out a few months ago. I really appreciate that you took the time to fill it out. And with that being said, the results of the survey are in!! I wanted to go over a few of the questions and the results with everyone.

Firstly, the majority of the membership was interested in collaborating with the Mid-Atlantic Association of Forensic Scientists (MAAFS). I had the opportunity to attend their annual meeting in May. I was able to speak with their President and she also expressed an interest in collaborations in the future. This will be a task for the current and future BOD.

Secondly, the survey indicated that the main reason why people did not attend the annual meeting is due to travel expenses. NEAFS has offered free registration to presenters last year and this will be offered again this year to try to lower the cost as well as providing as much information to our members by filling up our technical sessions. Also, keep in mind that you can always share hotel rooms if you are interested. Last year, I had several people tell me that if anyone was looking to share a room, that they would be interested. We have tried to offer as much food as possible to try to eliminate costs for our attendees. If you have any other suggestions as to lower costs, please let me know.

Thirdly, the survey also showed that the members did not know about the Training Scholarship Fund. I want to try to make it clearer for everyone. Members in good standing can receive up to \$200 towards training, workshop or non-NEAFS meeting registration and travel expenses. You will be reimbursed upon receipt of a certificate showing successful attendance and completion of the course along with an article (minimum 1000 words) summarizing the course for the NEAFS newsletter. A member must submit a Pre-Approval application prior to attending the training. All applications must be filled out completely. Each application will receive notification that the submission was received by the Awards chair. Applicants will hear within 60 days of receiving the notification whether or not the application was accepted or rejected. Once the course is completed, a reimbursement application must be filled out with supporting documentation. If a certificate was not issued, a letter from the instructor verifying attendance must be submitted. Please let me and/or the awards chair (awards@neafs.org) know if you have any additional questions. All of the information in regards to this fund can be found on our website and are also in this newsletter.

Fourthly, the majority of the respondents liked how the scientific sessions were organized.

Finally, thank you for all of the comments in regards to aspects that you liked and didn't like about the Annual Meeting and we will try to address these comments as best as we can in the future.

I also wanted to also talk about the Visiting Scientist Program and explain it to everyone to make sure this is also clear. The Visiting Scientist Program starts with a request from a laboratory for a specific training to be held within the requesting laboratory. The BOD would find an expert within our NEAFS community that would conduct the workshop. The idea was that since labs don't have a lot of money for external training, we would bring training to the laboratories at a lower cost. NEAFS will provide \$5000 to help defray some of the costs and will send a scientist to your laboratory to conduct the training. The training can be up to 5 days in duration. Applications must be received 6 months in advance of the training. If we can't find a scientist to conduct the training within our membership, we can take suggestions from the requesting laboratory and the BOD would have to approve on the scientist. At least one NEAFS member must be in attendance. This is different than a NEAFS sponsored workshop. With a NEAFS sponsored workshop, we sponsor the workshop, sometimes in conjunction with a laboratory, and there is a cost involved for all attendees. There is typically a member rate and a non-member rate. The Visiting Scientist Application is included in this newsletter and can be found on the NEAFS website. Please let me or our education chair (education@neafs.org) know if you have any additional questions.

Just a reminder - the Green Mountain DNA conference is being held at the Sheraton Hotel and Conference Center in Burlington, VT from July 24-26, 2017. There is a link on the NEAFS website for more information but you can also go to: <http://vfl.vermont.gov/conference>.

We are looking for nominations for our Meritorious Service Award recipient. The forms for this award can be found in the newsletter as well as on the NEAFS website. Please take the time to nominate someone that has contributed to the NEAFS organization so their dedication and service can be recognized. This award is given out at the Annual Meeting.

The next BOD's meeting will be Saturday, August 26, 2017 at the UNH-Orange campus. Please let me know if you have any questions or topics that you would like me to bring up to the BOD and staff.

Thank you to the BOD and staff for all of your hard work and dedication to our organization! I am really in awe on how everyone comes together to work as a team to make our organization run so smoothly. You should be very proud of the work that you do!

Beth

Beth Saucier Goodspeed

2017 NEAFS President





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Northeastern Association of Forensic Scientists 2017 Annual Meeting



November 7th – 10th, 2017
Kalahari Resort & Conference Center
Pocono Manor, PA



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Special conference rate of \$146 per night includes
admission to waterpark!*

*100,000 sq. ft. indoor waterpark
Outdoor adventure park open year-round
Arcade/Mini-bowling/laser tag
Kalahari Spa
Many on-site dining options
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2017 Annual Meeting Update



**Northeastern Association
of
Forensic Scientists**

Although it's hard for me to believe, the annual meeting is just 5 months away! Registration is now open and I encourage you to register early, not only to receive the reduced rate for early registration, but to also make things a bit easier on our registration chair, Jessica Best. As a former registration chair, I know first-hand how much work is involved, and I'd like to do all I can to make her job easier! Please remember that if you choose to register via Pay Pal, you must also complete a registration form and email to Jessica at registration@neafs.org.

Hotel reservations can be made by calling 877-525-2427 and asking for the Northeastern Association of Forensic Scientists room block or online at <https://book.kalahariresorts.com/poconos/groups.asp> using the group code **240**. The deadline for reservations is October 13, 2017. Please note that a deposit equivalent to one night (\$146) plus tax will be charged at the time the reservation is made. Cancellations must be made 72 hours (or more) prior to arrival to receive a full refund, **less a \$25 processing fee**. If a Cancellation is made less than 72 hours prior to scheduled arrival, the entire deposit will be forfeited.

The program is shaping up nicely. The workshops are all in place and will take place on Tuesday, November 7th. You'll find the workshop abstracts posted on the website (www.neafs.org) and here in this newsletter. Please take advantage of this affordable opportunity for continuing education!

If you've been working on any research projects, validations, or interesting cases, please consider presenting in the scientific sessions on Wednesday the 8th. ***Remember that any regular member or active applicant who presents a technical talk or poster is eligible for registration fee reimbursement*** (there's still time to apply for NEAFS membership to take advantage of this offer!) The abstract submission form can be found on the website. Deadline for submissions is September 1.

Inspector Dave Bowers from the US Postal Inspection Service will be the evening session speaker on Wednesday. Inspector Bowers was one of the lead investigators in the Anthrax investigation that took place after 9/11.

The General and Plenary Sessions are on Thursday, November 9th. Detective Timothy Relph will be our General Session Speaker. Detective Relph was a lead investigator in the task force that arrested Dennis Rader, the man better known as the BTK killer, the serial killer who murdered 10 people in and around Wichita, KS between 1974 and 1991. The Plenary Session will focus on the PCAST report and its ramifications on the forensic science community. Scheduled speakers include John Collins, the president of the Forensic Foundations Group; David Kaye, a distinguished law professor from the Pennsylvania State University; and Dr. JoAnn Buscaglia, a research chemist at the FBI Laboratory.

The keynote speaker at the annual luncheon on Thursday will be Adam Benforado, an associate law professor at Drexel University. As a legal scholar, his principal interest is in applying cognitive psychology to law and legal theory. He is particularly focused on issues arising in criminal law. Autographed copies of his book, "Unfair: The New Science of Criminal Injustice" will be available for purchase after the luncheon.

Thursday evening, it's time to let loose a bit at the Annual President's Reception! Join friends and colleagues for an evening of dinner and dancing in an 80's-themed extravaganza! Costumes are encouraged, with prizes awarded for best costume! (For those who weren't around in the '80s, check with us "old folks" for some pointers!)

New to the program for Friday, November 10th is a half-day Special Session on Designer Opioids, open to all attendees. A detailed description can be found on the website and in this newsletter. Special thanks to NMS Labs in Willow Grove, PA for presenting this session!

The ABC certification exam is also scheduled for Friday. If you wish to take the exam, you must apply by September 12th. Visit the ABC website at <http://www.criminalistics.com/certification.html> for more details and application instructions.

Remember that if you're a NEAFS member in good standing, you will be reimbursed for the exam sitting fee upon successful completion of the exam!

Keep checking the NEAFS website for updates and additional information, If you have any questions or would like to volunteer, please contact me at presidentelect@neafs.org. I hope to see all of you in the Poconos in the fall!

Melissa Balogh
2017 Program Chair

Simply and reliably collect, transport, and store forensic samples

Featuring Whatman™ FTA™ technology, the GE Healthcare Life Sciences forensics portfolio standardizes the collection, transportation, and storage of DNA samples. Increase productivity. Safely archive samples for the long term at room temperature. And handle all of your tasks with customized kits that fit into your workflow.

FTA Sample Collection Cards and Kits

- Enables direct amplification for STR analysis
- Protects nucleic acids from nucleases, oxidative, and UV damage
- Preserves samples for transport, immediate processing, or long-term room temperature storage



Figure 1. (at right) STR profiles of (A) a 12-year-old buccal sample collected on an Indicating FTA card and (B) a 22-year-old blood sample collected on an FTA card. Both samples were processed using an AmpFLSTR Identifier Direct PCR Amplification Kit (Applied Biosystems) and the manufacturer’s standard protocol. The samples were run on an Applied Biosystems 3130xl Capillary Electrophoresis Genetic Analyzer using standard conditions. The samples were analyzed using GeneMapper™ ID 3.2 (Applied Biosystems).

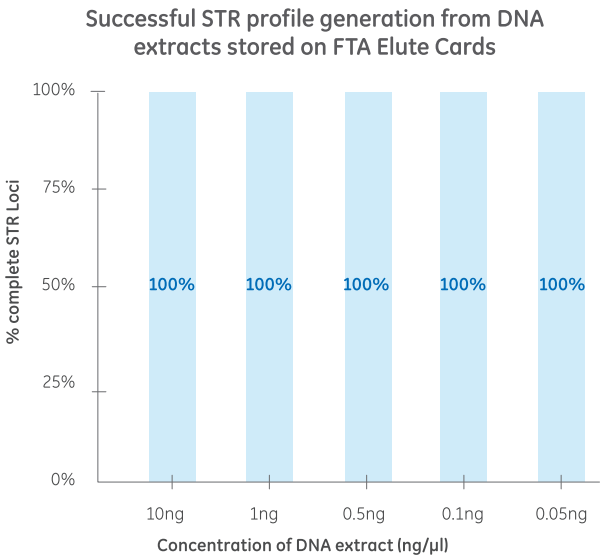
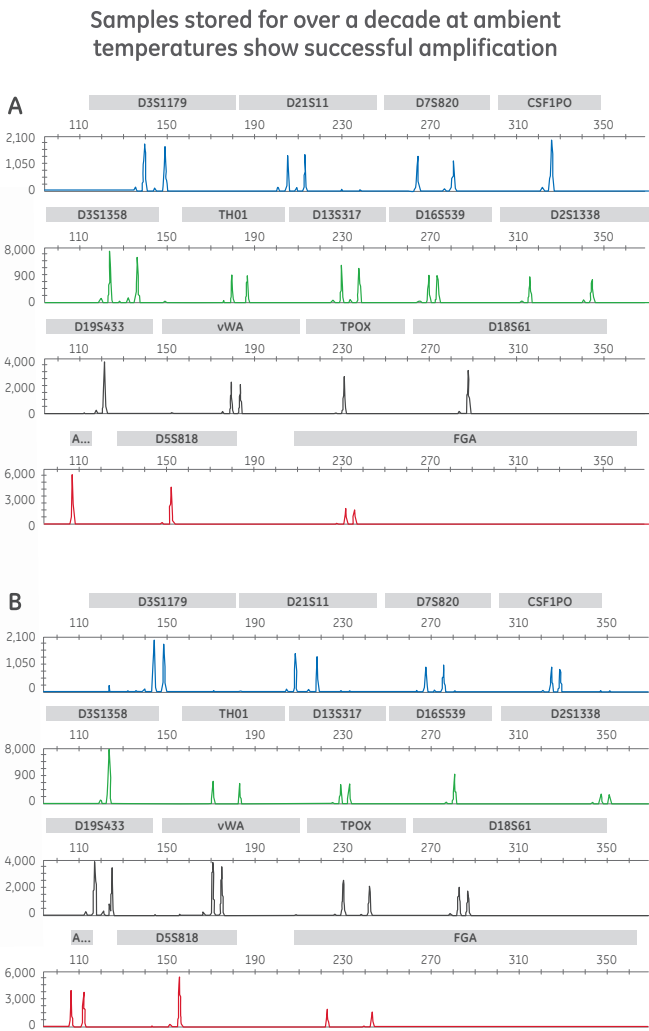


Figure 2. The percentage of complete STR loci obtained from DNA extracts spotted onto Indicating FTA™ Elute cards. DNA extract, isolated from human blood, was serially diluted to five concentrations ranging from 10ng/μl to 50pg/μl, spotted onto cards, dried, and then eluted from the cards. Punches (4 x 3mm) were removed from the FTA Elute cards, washed and then eluted into 1-4 X TE buffer. Samples were amplified using the PowerPlex® Fusion System (Promega) at 30 cycles. STR fragments were separated on a 3500xl Genetic Analyzer (ThermoFisher Scientific) and the data was analyzed in GeneMapper® ID-X software (ThermoFisher Scientific).

FTA Elute Cards

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- Immediately stabilizes and protects nucleic acids for long-term archiving at room temperature
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- Provides uniform sample collection and transfer to Whatman FTA paper
- Increases your first-pass success rate up to 98%

First-pass success rates of independent forensic laboratory beta prototype testing

Collaborator	Test type	Beta prototype test number (n)	Beta prototype first-pass success rate
A	Laboratory	30	100%
B	Laboratory / police agency	25 / 132	100% / 98.5%
C	Laboratory	32	100%

Table 1. Current EasiCollect and untreated matrix first-pass success rates, vary between 80-95%. The table illustrates first-pass success rates from three collaborators. Collaborators were large forensic laboratories working in high-volume reference sample collection; all supplied first-pass success rates following their standard defined acceptance criteria for database upload. One collaborator (B) also ran field trials with police agencies (n=132). The field trial substituted EasiCollect prototypes for their current product, using their current collection workflow.





Northeastern Association of Forensic Scientists

2017 NEAFS Annual Meeting Preliminary Program Pocono Manor, PA (subject to change)

Monday, November 6th

3:00 p.m. – 6:30 p.m. Board of Directors Meeting
6:30 p.m. – 8:30 p.m. Board of Directors Dinner

Tuesday, November 7th

7:30 a.m. – 5:00 p.m. Registration
7:30 a.m. – 9:00 a.m. Continental Breakfast
8:00 a.m. – 12:00 p.m. Educator's Forum
8:00 a.m. – 12:00 p.m. Workshops
10:30 a.m. – 10:45 a.m. Morning Break
12:00 p.m. – 1:00 p.m. Lunch
1:00 p.m. – 5:00 p.m. Workshops
2:30 p.m. – 2:45 p.m. Afternoon Break
4:00 p.m. – 8:00 p.m. Exhibitor Setup

Wednesday, November 8th

7:30 a.m. – 5:00 p.m. Registration
7:30 a.m. – 9:00 a.m. Continental Breakfast
7:30 a.m. – 7:30 p.m. Exhibits
8:00 a.m. – 12:00 p.m. Scientific Sessions
 Criminalistics/Crime Scene
 Drug Chemistry
 DNA
 Toxicology
 Trace/Arson and Explosives
10:30 a.m. – 10:45 a.m. Morning Break
12:00 p.m. – 1:30 p.m. Lunch & Business Meeting
1:30 p.m. – 5:00 p.m. Scientific Sessions - continued
3:00 p.m. – 3:15 p.m. Afternoon Break
5:30 p.m. – 7:00 p.m. Welcome Reception & Poster Session
8:00 p.m. – 10:00 p.m. Evening Session

Thursday, November 9th

7:30 a.m. – 5:00 p.m. Registration
7:30 a.m. – 9:00 a.m. Breakfast
7:30 a.m. – 12:00 p.m. Exhibits
8:00 a.m. – 12:00 p.m. General/Plenary Session
10:30 a.m. – 10:45 a.m. Morning Break
12:00 p.m. – 2:00 p.m. Annual Luncheon
2:00 p.m. – 5:00 p.m. General/Plenary Session
4:00 p.m. – 4:15 p.m. Afternoon Break
6:00 p.m. – 11:45 p.m. President's Reception

Friday, November 10th

7:30 a.m. – 9:30 a.m. Registration
7:30 a.m. – 9:00 a.m. Breakfast
8:00 a.m. – 12:00 p.m. ABC Examination
9:00 a.m. – 12:30 p.m. Student Forum and George W. Chin Collegiate Cup competition
9:00 a.m. – 12:15 p.m. Designer Opioid Special Session
9:00 a.m. – 12:30 p.m. Additional Scientific Sessions (if needed)
10:15 a.m. – 10:30 a.m. Morning Break

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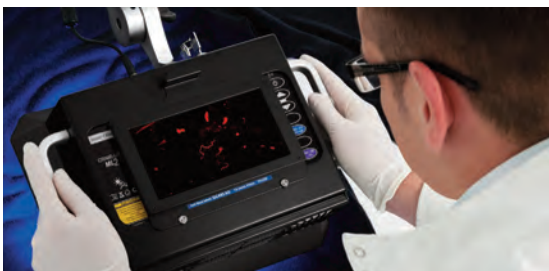


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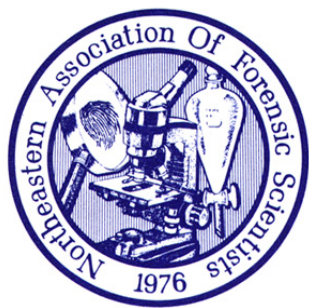
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Taking just 75 minutes to analyse crime scene samples, **ParaDNA®** can save time & reduce costs.



Innovative Products that dramatically reduce the time required to process samples returned to the laboratory for examination.



NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS

ANNUAL MEETING – November 6 - 10, 2017

See additional page for informational details. To qualify for Early Registration, a completed registration form and full payment must be postmarked no later than October 6, 2017. Regular registration will be accepted from October 7 through October 31, 2017. After this date, all registrations will be processed on-site and subject to an additional \$20 fee.

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

First Name:

Last Name:

Member Number:

Organization/Agency:

Street:

City:

State:

Zip Code:

Phone:

Fax:

Email:

ABC Status:

☐ Diplomate

☐ Fellow

☐ Technical Specialist

☐ Affiliate

☐ Exam Committee

☐ Board Member

Mail your completed form and registration fee to:

**NEAFS Registration
PO Box 4011
Meriden, CT 06450**

II. SCIENTIFIC SESSIONS - REGISTRATION FEES: November 8 - 10, 2017, Wednesday - Friday Sessions

**For student affiliate reduced registration, a copy of your FALL 2017 course schedule must be submitted; otherwise you will be charged the non-member rate.*

The Tuesday only option is for the Educator's Forum. Workshops are under a separate section.

	Early Registration Postmarked by 10/06/17	Regular Registration Postmarked between 10/07/17 and 10/31/17
<u>Full Meeting Registration</u>		
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:

	Tuesday Only (Educator's Forum)	Wednesday Only	Thursday Only	Friday Only
<u>Daily Registration</u>				
#Member / Active Applicant	\$45.00 - <input type="checkbox"/>	\$75.00 - <input type="checkbox"/>	\$75.00 - <input type="checkbox"/>	\$45.00 - <input type="checkbox"/>
#Non-Member	\$75.00 - <input type="checkbox"/>	\$125.00 - <input type="checkbox"/>	\$125.00 - <input type="checkbox"/>	\$75.00 - <input type="checkbox"/>
#Student Affiliate (Non-Member)	\$50.00 - <input type="checkbox"/>	\$80.00 - <input type="checkbox"/>	\$80.00 - <input type="checkbox"/>	\$50.00 - <input type="checkbox"/>
#Guest of Member / Non-Member	\$40.00 - <input type="checkbox"/>	\$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:* _____

☐ Yes, I will be attending the luncheon on Wednesday (held during the Annual Business Meeting).

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

☐ Yes, I will be attending the luncheon on Thursday. Lunch selection: Beef ☐ Chicken ☐ Seafood ☐ Vegetarian ☐

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

☐ Yes, I will be attending the President's Reception on Thursday evening.

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 – Tuesday, November 7th

	<u>Member</u>	<u>Non-Member</u>
Gunshot Residue (GSR) Awareness	\$40 <input type="checkbox"/>	\$80 <input type="checkbox"/>
ABC Certification Examination Review	\$40 <input type="checkbox"/>	\$80 <input type="checkbox"/>
Forensic Toxicology Workshop (Shimadzu)*	\$20 <input type="checkbox"/>	\$40 <input type="checkbox"/>
Future Trends in Forensic DNA Technology Workshop (Thermo Fisher)*	\$20 <input type="checkbox"/>	\$40 <input type="checkbox"/>
New Technologies in Mass Spectrometry and Spectroscopy Workshop (Agilent)*	\$20 <input type="checkbox"/>	\$40 <input type="checkbox"/>
*Lunch Included		

Half-Day Workshops – Tuesday Morning, November 7th

Forensic DNA Rescue Class (Independent Forensics)	\$20 <input type="checkbox"/>	\$40 <input type="checkbox"/>
Forensic Applications of Raman Micro-Spectroscopy	\$40 <input type="checkbox"/>	\$80 <input type="checkbox"/>

Half-Day Workshops – Tuesday Afternoon, November 7th

Using Seratec Products to Identify Body Fluid Stains (Seratec)	\$20 <input type="checkbox"/>	\$40 <input type="checkbox"/>
Your Attention Please! – A Public Speaking Skills Workshop	\$40 <input type="checkbox"/>	\$80 <input type="checkbox"/>

SECTION IV TOTAL: \$

PAYMENT:

Check - ☐

Money Order - ☐

PAYPAL (October 31st 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"/> ABC Exam (Friday, Nov. 10th) | <input type="checkbox"/> Student Forum (Friday, Nov. 10 th) |
| <input type="checkbox"/> Welcome Reception/Poster Session (Wednesday, Nov. 8 th) | <input type="checkbox"/> Educator's Forum (Tuesday, Nov. 7 th) |
| <input type="checkbox"/> Continental Breakfast (Tuesday, Nov. 7th) | <input type="checkbox"/> Crim/Crime Scene Session (Wednesday, Nov. 8th) |
| <input type="checkbox"/> Continental Breakfast (Wednesday, Nov. 8th) | <input type="checkbox"/> DNA Session (Wednesday, Nov. 8 th) |
| <input type="checkbox"/> Continental Breakfast (Thursday, Nov. 9 th) | <input type="checkbox"/> Drug Session (Wednesday, Nov. 8 th) |
| <input type="checkbox"/> Continental Breakfast (Friday, Nov. 10th) | <input type="checkbox"/> Toxicology Session (Wednesday, Nov. 8th) |
| | <input type="checkbox"/> Trace/Arson & Explosives Session (Wednesday, Nov. 8th) |
| | <input type="checkbox"/> Synthetic Opioids Session (Friday, Nov. 10th) |
-

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 October 6, 2017. 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 31, 2017 (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 cancelled, 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 October 6, 2017, full refund, less \$20 processing fee; postmarked between October 7th - October 31st, 2017, 50% refund. No refund requests will be honored if postmarked after October 31st, 2017.

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.

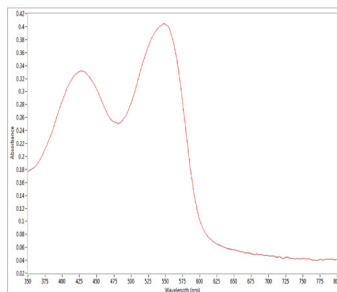
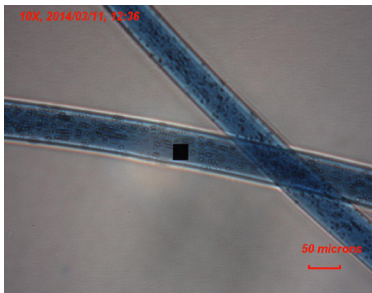
OTHER INFORMATION: All fees are the responsibility of the registrant. Registrations are non-transferable.

If you have any questions or concerns please email the NEAFS Registration Chairperson at: registration@neafs.org

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TECHNOLOGIES

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- UV-visible-NIR Fluorescence Spectra
- UV-visible-NIR Microspectroscopy
- Raman Microspectroscopy
- UV-visible-NIR Fluorescence Imaging
- UV-visible-NIR Polarization
- UV-visible-NIR Polarization Imaging
- Glass Refractive Index

**For more information, call
877.UV.CRAIC
or visit our website at
www.microspectra.com**

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California (USA).

American Board of Criminalistics Certification Examination Review

Tiffany Roy
ForensicAid, LLC

This full-day workshop involves lectures and discussion in preparation for the American Board of Criminalistics (ABC) certification examinations. The workshop is directed at forensic practitioners to assist them in focusing their study for certification examinations.

The morning workshop will focus on ABC exam preparation strategies including timeline, study guides, resources, and discussion of the general exam categories across all specialties (legal, quality, common KSA's). The afternoon workshop will consist of biology specific exam preparation using the ABC Study Guide. The afternoon will also include a "mock examination" for the participants to test their current knowledge and identify weak areas for further study.

Morning Agenda:

8:00 am – 10:00 am	History/Overview of the ABC, ABC Test Taking Strategies – Professional Standardized Tests
10:00 am – 12:00 pm	Legal, Quality Assurance, Common KSA's

Afternoon Agenda:

1:00 pm – 3:00 pm	Biology Study Guide Review
3:00 pm – 6:00 pm	Timed Mock Examination

*The American Board of Criminalistics has no affiliation with this course.

Finding the Right Answer the First Time with New Technologies in Mass Spectrometry and Spectroscopy

This full-day workshop will detail mass spectrometry workflows across various criminalistic and forensic toxicological applications including the identification of emerging drugs such as carfentanil, W-18 and AB-fubinaca, as well as analysis of street drugs, arson, and explosives analysis via Intuvo/MSD. In addition, this workshop will explore the use of molecular spectroscopy to find answers to questions in the field.

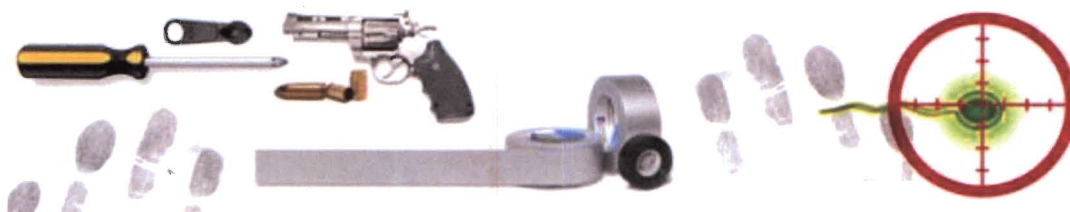
Cutting-edge technology such as Direct Analysis in Real Time (DART), direct-heating for fast gas chromatography, handheld FTIR, and high resolution, accurate-mass instrumentation will all be surveyed to find answers to your most challenging questions.

Workshop is being hosted by Agilent Technologies.

Forensic DNA Rescue Class

Half-Day Hands-on Workshop: New Forensic DNA Methods Body Fluid Identification & Sperm Identification and Update on Sperm Isolation Techniques

Presented by Independent Forensics



Rescue your DNA

The class will concentrate on better DNA evidence collection techniques and new DNA purification options to minimize loss of DNA from low copy number touch samples, fingerprints, adhesive evidence, and LCM dissected sperm. --*Hands-on with adhesive evidence samples: tape lifts, hinge cards, electrical tape, duct tape, etc.*

Rescue your Profile

Attendees will learn post-PCR clean up and concentration techniques to rescue their amplicons when they have partial profiles from inhibited, degraded, or very low template samples. Improved analysis for low level, minor contributors (using variable amounts of the PCR reaction for post-PCR processing). --*Hands-on performing post-PCR clean up with full, half, and 1/4 size reactions*

Rescue your Sperm DNA

Faster sperm detection, new microscope equipment & imaging options, quicker staining, increased signal to noise, cell sorting technology for sperm isolation (coming soon). --*Hands-on staining and viewing on optimized microscope.*




Rescue your Time

New 10 second extractions for detecting saliva and semen, comparison AP, P30, RSID SEMEN, analyzing & documenting results using RSID READER. --*Hands-on body fluid identification using 10 sec. protocol. Participants will run tests and perform analysis and documentation using handheld READER.*

Attendees will receive special certification at the end of the class – Certified DNA Rescue

Future Trends in Forensic DNA Technology Workshop

Full-Day Workshop Topics Will Include:

-  Maximizing Your Casework Results:
using the proven performance of capillary electrophoresis and the power of next-generation sequencing (NGS) for your most challenging samples
-  Getting More from Less:
tackling low-input samples with confidence
-  New Tools for Sexual Assault Kit Processing

This workshop is being hosted by Thermo Fischer Scientific (Applied Biosystems)

Topic Abstracts:

Advances of Next Generation Sequencing (NGS) for Forensics and Human Identification

Analyses of Short Tandem Repeats (STRs) through Capillary Electrophoresis (CE) technologies are the traditional gold standard for forensics. However, with increasing global diversity, there is a demand for forensic applications that supply information for challenging sample types. For casework samples such as ancient remains, touch (low DNA copy number), mass disaster victims, and sexual assault cases, more information is needed for accurate human identification. The Precision ID GlobalFiler NGS STR Panel has been optimized for NGS and detects STR sequence polymorphisms, thus increasing the discrimination potential of the widely used markers. Additional polymorphic STRs with sequence-based alleles, which can only be observed through sequencing have been included. Additionally, recent studies have demonstrated the use of Next Generation Sequencing (NGS) to interrogate simple di-allelic Single Nucleotide Polymorphisms (SNPs) as a new method for human identification. Thus, the Precision ID Identity and Ancestry Panels were developed to determine random match probabilities and infer biogeographical ancestries, respectively. To innovate further, a set of microhaplotypes¹ (μHaps) is currently being investigated to determine the number of contributors within a mixture sample, and potentially ancestry information. Microhaplotypes are loci of 3-7 SNPs that are in close genetic proximity, but are far enough to not be considered as Multi-Nucleotide Polymorphisms (MNPs). Microhaplotypes are multi-allelic in phase and have the low recombination rate of SNPs rather than the higher rate observed in STRs. Lastly, a Whole Mitochondrial (WG) Genome and Control Region (CR) Panel was developed to analyze samples where

nuclear DNA is far too degraded to be quantified and amplified. The Mito genome is advantageous for determining maternal lineage in forensics, as well as studying metabolomics for the diagnostic and clinical world. The panels can be used individually or in combination and are processed on the Precision ID NGS System for human identification (Ion S5™ System, Ion Chef™ System, and Converge™ Software).

Tools for Streamlining Sexual Assault Sample Processing

Sexual assault kit (SAK) samples are among the most difficult sample types encountered by many forensic laboratories. Conventional serology screening and differential extraction procedures used as part of a sexual assault workflow are time-consuming and labor intensive. As an alternative to onerous and laborious conventional serology screening and differential extraction, Thermo Fisher Scientific has developed the DNA Y-screen assay, which is designed to assess swab evidence from SAKs to rapidly detect the presence of a male contributor, facilitating a “direct to DNA” workflow. Using the Applied Biosystems™ Quantifiler™ Trio DNA Quantification Kit, the Y-screen assay provides a fast, sensitive, and reliable method for screening SAKs for the presence of male DNA.

The Y-screen assay is the first step in an efficient and robust sexual assault kit processing workflow that helps maximize the results from forensic evidence. Because each laboratory may incorporate the Y-screen assay into their workflow differently, a comprehensive validation plan is essential. Thermo Fisher’s HID Professional Services (HPS) team has developed a flexible and comprehensive validation plan to implement the Y-screen assay into a laboratory’s workflow. During the validation, standardized semen:buccal swab mixtures are utilized to assess the sensitivity of the assay for the detection of male DNA, which will be confirmed with known and non-probative samples. Replicate analysis evaluates the precision and reproducibility of the assay. Quantifiler Trio results generated will provide a mixture ratio of the quantity of male DNA vs. female DNA, as well as an indication of degradation and/or inhibition of the sample. Finally, the Y-screen workflow is evaluated to help ensure that the process can be performed without introducing contamination.

This presentation will provide an overview of data correlating Y-screen results with probative downstream GlobalFiler and Yfiler Plus, as well as a comparison between conventional serology methods and the Y-screen assay.

Gunshot Residue (GSR) Awareness: The Detection, Collection, and Analysis of Propellant and Primer Residues

**Ted R. Schwartz
Westchester County Forensic Laboratory**

This full-day workshop will provide a basic understanding of GSR and what is done with it. This will include information for biologists and other non-GSR analysts. We will discuss how to detect GSR on various surfaces and substrates, how to collect it, how to preserve it, and how to analyze it. The target audience for this workshop is both GSR analysts and non-GSR analysts.

Your Attention Please! - A Public Speaking Skills Workshop

Half-Day Workshop Presented by: Thomas P. Mauriello, M.F.S.

"Most people would generally agree that a great deal — probably most — of the presentations we have to sit through in the business world are awful. They are all too often passionless, boring, and dense with unreadable PowerPoint slides."¹

Whether you speak to one or one-thousand; are comfortable or terrified with public speaking; whether you have been speaking for many years or just a beginner; "*Your Attention Please! - A Public Speaking Skills Workshop*" will improve your presentation skills through strategic planning, preparation, and performance. Techniques for speaking in all settings with confidence, choosing the right audio-visual technologies, and dealing with questions from an audience, are explained clearly to help the participant develop their presentation skills. 55 proven effective presentation tools will be presented, demonstrated, and provided to each participant who attends this workshop. Knowing your subject does NOT guarantee a successfully presentation. Aristotle, who many recognize as the Father of Public Speaking and Forensic Debate said, "It is not enough to know what to say, one must know how to say it." This short four hour workshop focuses on technique and the recognition that "a speech is composed of three factors — the speaker, the subject and the listener — and it is to the last of these that its purpose is related."²

Dr. Joseph Sommerville's, "The Seven Deadly Sins of PowerPoint Presentations,"³ will be discussed and positive steps will be presented to take advantage of the benefits of PowerPoint presentation software, rather than be a victim or suspect to "death by PowerPoint." Visuals (slides) should augment the spoken word, not be in place of it. Slide development and the use of "Mindmapping,"⁴ will be taught to create clear and dynamic visuals that help the speaker be "heard, understood, and remembered."

So reduce the fear, embarrassment and agony of public speaking; or increase your repertoire of oral communications skills in the classroom, courtroom or conference room. This training experience guarantees that you will gain a wealth of knowledge that will "make a difference."



¹ Nick Morgan, Ph.D., one of America's top communication theorists and coaches, blog article, "Why is good public speaking important to the business world?"

² Aristotle, "The Art of Rhetoric," translated by H.C. Lawson-Tancred, Penguin Books, Chapter 1.3, 1358b, 1991.

³ Dr. Joseph Sommerville, "The Presentation Expert", Principal of Peak Communication Performance, the Principal of Peak Communication Performance, a Houston-based firm working worldwide to help professionals develop skills in strategic communication.

⁴ Mindmapping is — a revolutionary alternative to outlining and slide development that gives you access to your brain's unlimited potential for creativity. This technique helps you generate ideas for presentations faster and with greater flexibility while encouraging more spontaneity and originality in delivery.

Forensic Applications of Raman Micro-Spectroscopy

Andrew M. Bowen
U.S. Postal Inspection Service

This half-day workshop will introduce forensic scientists to the application of Raman micro-spectroscopy for the analysis of a wide range of evidence. Advances in laser technology and CCD detectors over the past 25 years have made Raman micro-spectrometers suitable for use in a variety of industrial and forensic applications. Despite the versatility of Raman spectroscopy for identifying a wide range of substances, and the unique confocal capabilities of modern micro-spectrometers, Raman has not yet found widespread use in forensic laboratories. This workshop is designed for forensic chemists examining trace evidence, controlled substances, explosives, and/or geological materials. The goal of the workshop is to expand the forensic chemists' understanding of the value and potential forensic applications of Raman micro-spectroscopy.

Topics covered will include: introductions to Raman micro-spectroscopy theory and instrumentation, experiences validating a Raman micro-spectrometer in an ISO-Accredited Forensic Laboratory, a discussion of the benefits of combining light microscopy and Raman micro-spectroscopy, and forensic applications of Raman micro-spectroscopy in several disciplines including casework examples from drug chemistry and trace evidence cases.

Using Seratec Products to Identify Body Fluid Stains

Seratec is proud to sponsor a half-day workshop at this year's Northeastern Association of Forensic Scientists Annual Meeting, entitled *Using Seratec Products to Identify Body Fluid Stains*.

Dale Laux will discuss the examination and analysis of clothing for saliva stains using Seratec's new amylase detection paper and amylase immunological membranes. In addition, mapping techniques for semen stains using AP will be discussed. Participants will be given stained fabric and practice the detection, extraction, and analysis of saliva and semen stains using the Seratec products. Participants will receive sample packets of amylase paper and membranes to take back to their laboratories.



Shimadzu's Forensic Toxicology Workshop: Newly Developed Instrumentation and Applications

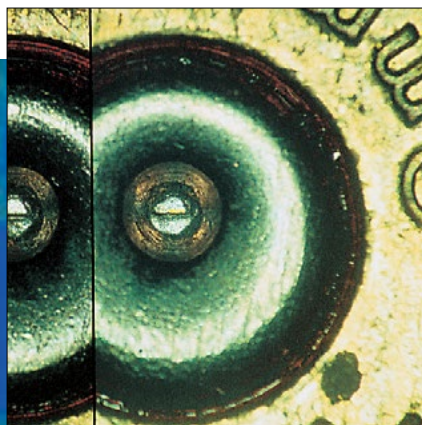
Shimadzu cordially invites you to this special full-day workshop at the 2017 Northeastern Association of Forensic Scientists Annual Meeting. Learn about trends in forensic analysis and how Shimadzu Instrumentation can improve your workflow and productivity. The workshop will focus on our newest tools, with insight into advanced forensic applications.

From Eye to Insight



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Save \$10,000 When You Trade In **Any** Comparison Microscope System*



For more than 100 years, Leica Microsystems has offered you confidence in your casework through premium solutions for forensic imaging, firearms examination and trace evidence analysis.

Our forensic comparison systems feature telecentric optics to ensure the confident measurement, observation accuracy and magnification fidelity that optical zoom based systems simply cannot provide - giving you **reproducible quality and accuracy for results you can stand behind.**

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DESIGNER OPIOID SPECIAL SESSION

NEAFS 2017

DATE: NOV 10, 2017

TIME: 9:00 AM – 12:15 PM

In recent years the use of novel psychoactive substances has skyrocketed. What began with heroin and fentanyl has swiftly progressed into fentanyl analogues and other designer opioids. From an analytical perspective there are several distinct challenges especially in regard to detection and determining the appropriate target substances in biologicals. Interpretation is complicated since complete data about potency, metabolism, duration of action and other pharmacokinetic parameters are not available. The purpose of this workshop is to provide a historical perspective on the designer opioid crisis, detail laboratory responsibilities including method validation and safe handling practices of exhibits, review the pharmacology and pharmacokinetic parameters of these substances with analyte-specific examples, and supplement the information with case examples as they pertain to the interpretation of human performance impairment and postmortem cases.

Schedule

9:00-9:30 AM (Speaker: L. Labay)

A Historical Perspective: How did we get here?

9:30-10:15 AM (Speaker: M. Lamb)

Everything Laboratory: Method Development and Validation, Analysis and Safety Practices

10:15-10:30 AM

15 min break

10:30-11:15 AM (Speaker: S. Gagen)

Pharmacology and Pharmacokinetics: Facts and Suppositions with Analyte Specific Examples

11:15-12:00 PM (Speaker: L. Labay)

Interpretation of DUID and PM cases with Case Specific Examples

12:00-12:15 PM

Questions and Concluding Remarks

SPEAKERS:

Sara C. Gagen, M.S.

Analyst III

NMS Labs, Willow Grove, PA

Michael E. Lamb, M.S.

Analyst III

NMS Labs, Willow Grove, PA

Laura M. Labay, PhD, F-ABFT, DABCC-TC

Forensic Toxicologist; Director of Toxicological Services

NMS Labs, Willow Grove, PA



NEAFS 43rd Annual Meeting

November 7th – 10th, 2017
Pocono Manor, PA

CALL FOR PAPERS – ABSTRACT FORM

All presenters must register for the meeting. Any *regular member or active applicant* who presents a technical talk or poster will be eligible for registration fee reimbursement.

DEADLINE: September 1, 2017

Presentation Title:

Presenting Author:

Author Affiliation:

Phone Number:

Email:

Co-Author(s) and Affiliation, if applicable:

Scientific Session:

- ☐ Criminalistics/Crime Scene
- ☐ Biology/DNA
- ☐ Drug Chemistry
- ☐ Toxicology
- ☐ Trace/Arson and Explosives
- ☐ Educator's Forum
- ☐ Poster Session

For Students:

I would like my oral or poster presentation to be entered in the Peter R. De Forest Student Competition
(see rules below)

☐ Yes ☐ No

Name of Program:

Degree Sought:

Anticipated Date of Graduation:

Instructions: Complete this form and email to the Program Chair and appropriate Session Chair. Additionally, if the presentation will be entered in the Peter R. De Forest Student competition, please send a copy of the abstract to the Student Competition chair.

A laptop and projector will be provided. However, if additional audio-visual equipment is needed, please indicate below.

☐ PowerPoint Version _____ Other presentation format (please specify) _____
☐ PC ☐ Mac ☐ Use of own computer
☐ Additional equipment needed _____

Time needed for presentation: ☐ 10 min ☐ 20 min ☐ Other* _____

*Any time requested which is longer than 20 minutes will be approved if the time is available.

Scientific Session Chairs: *please check the appropriate individual you will be emailing.*

<input checked="" type="checkbox"/> Program Chair:	Melissa Balogh	presidentelect@neafs.org
<input type="checkbox"/> Criminalistics/Crime Scene Session:	Amy N. Brodeur	abrodeur@bu.edu
<input type="checkbox"/> Biology/DNA Session:	Alanna Laureano	atr5@westchestergov.com
<input type="checkbox"/> Drug Chemistry Session:	Sabra Botch-Jones	sabraj@bu.edu
<input type="checkbox"/> Toxicology Session:	Anisha Paul	paul.anisha12@gmail.com
<input type="checkbox"/> Trace/Arson and Explosives Session:	Adam Hall	a.hall@neu.edu
<input type="checkbox"/> Educator's Forum:	Jack Drawec	john.drawec@gmail.com
<input type="checkbox"/> Poster Session:	Melissa Smith	spot1224@gmail.com

For students:

<input type="checkbox"/> Peter R. De Forest Student Competition:	Sandra Haddad	shaddad@baypath.edu
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ABSTRACT

You will be notified whether your abstract is approved as is, approved with suggested modifications, or not selected.
Abstract should be between 250 and 500 words.

Title:

Keywords:

Abstract:

Peter R. De Forest Student Competition Rules and Guidelines

Students may choose to enter their presentation (oral or poster) in the Peter De Forest Student Competition. To be eligible to compete, a presenter must be enrolled as a full or part time undergraduate or graduate student during the time the research was performed and completed. A graduation date within 6 months of the NEAFS meeting at which the work will be presented is acceptable, provided the work was completed before the graduation date. NEAFS membership is not required.

Presentations should consist of original research or ideas. Literature reviews will not be accepted into the competition.

Students will be judged on both scientific accuracy and presentation skills.

For collaborations, only one student will be eligible to present the work and the award will go to the presenter, not the project. No two students may present the same project, even if in a different format (oral vs poster presentation.) The student presenting the work should have contributed and completed the major portion of the work themselves.

A student may present their research in both oral and poster format, however only one format may be entered into the competition.

Fast Investigation

Real-time Analysis ► High Throughput Imaging

Hair,
fibers,
ink

Duct
tapes

Gunshot residue

Accident reconstruction

Powders,
explosives,
residues

Drugs

Trace evidence

Plant materials

SEM and Mass Spec Instruments for Forensics Analysis

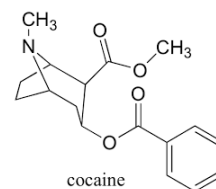
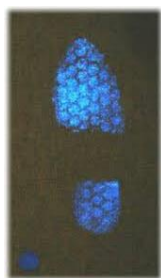
- Scanning Electron Microscope with large sample chamber
- Direct analysis AccuTOF™-DART® Mass Spectrometer



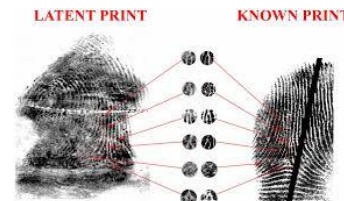
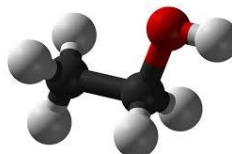
Held at the Annual Meeting after the Student Forum



Teams of four students will compete in a quiz type game including questions from all forensic disciplines. If there are only two college teams they will compete against each other in a General Education 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. The entry deadline is October 5th.



**Northeastern Association
of
Forensic Scientists**



For information and questions, please contact the Program Chair
at presidentelect@neafs.org



Advanced Tools for the Forensic Biology
and
Human Identification Industry

eDNA remains relevant as it continually evolves to compliment the latest technologies and methods...when you are ready
we are there!

eDNA's *Bullet*



The eDNA **Probabilistic Genotyping** tool has been designated ***Bullet*** for its speed, accuracy and ability to cut through the fog of uncertainty.

The "Understandable" Continuous Model

Bullet's PG model is based on the "exact method" — which calculates results in seconds, not hours or days. Bullet's fully disclosed algorithms render controversial "Black-box" solutions unnecessary.

With stunning ease (like all eDNA tools) construct, calculate, and document any kinship scenario imaginable.

Brutus is an indispensable tool for use in familial identification of "human remains" and missing person cases.

eDNA's *Brutus*



Brutus, our free
World-class Kinship calculator tools

When a new laboratory joins the eDNA Consortium they become eligible to take full advantage of the robust eDNA LIMS and all of the tightly integrated statistical calculation tools.

To learn more or to request a live demo please visit www.eDNALIMS.com

Lifetime Free Updates



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

RANDOX TOXICOLOGY

evidence MULTISTAT

 Radox Tox



Drug testing has changed forever

Using our revolutionary Biochip Array Technology, the automated Evidence MultiSTAT simultaneously screens from a multi-analyte testing platform allowing toxicologists to achieve a complete immunoassay profile from the initial screening phase.

Reliable Results

Consistently delivers accurate results and offers a highly sensitive way to detect drugs of abuse in under 20 minutes

Speed

Screens up to 63 tests per hour providing rapid and accurate drug-detection from a single sample.

Extensive Test Menu

Detection of up to 21 drugs, covering multiple drug classes including classical, prescription and synthetic drugs of abuse.

Multiple Matrices

Designed to work across a variety of matrices including urine, blood and oral fluid.



Northeastern Association of Forensic Scientists Meritorious Service Award Nomination Form

The Northeastern Association of Forensic Scientists is accepting nominations for the Meritorious Service Award.

This award is given to a NEAFS member that has a history of providing commendable service to the forensic science community by serving justice through casework, performing research advancing forensic science, training and educating forensic scientists and future forensic scientists, and overall contributions to the NEAFS organization. The nominee must have held the status of Regular Member within NEAFS for at least 10 years to be considered.

In addition to this form, a letter of recommendation outlining the nominee's contributions must be emailed to awards@neafs.org. All nominations must be received by September 1st. The winner of the NEAFS Meritorious Service Award will be announced during the annual meeting.

Nominator

First Name:

Last Name:

Address:

Affiliation:

NEAFS Membership Number:

Phone Number:

Email Address:

Nominee

First Name:

Last Name:

Address:

Affiliation:

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

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 - [REDACTED]

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

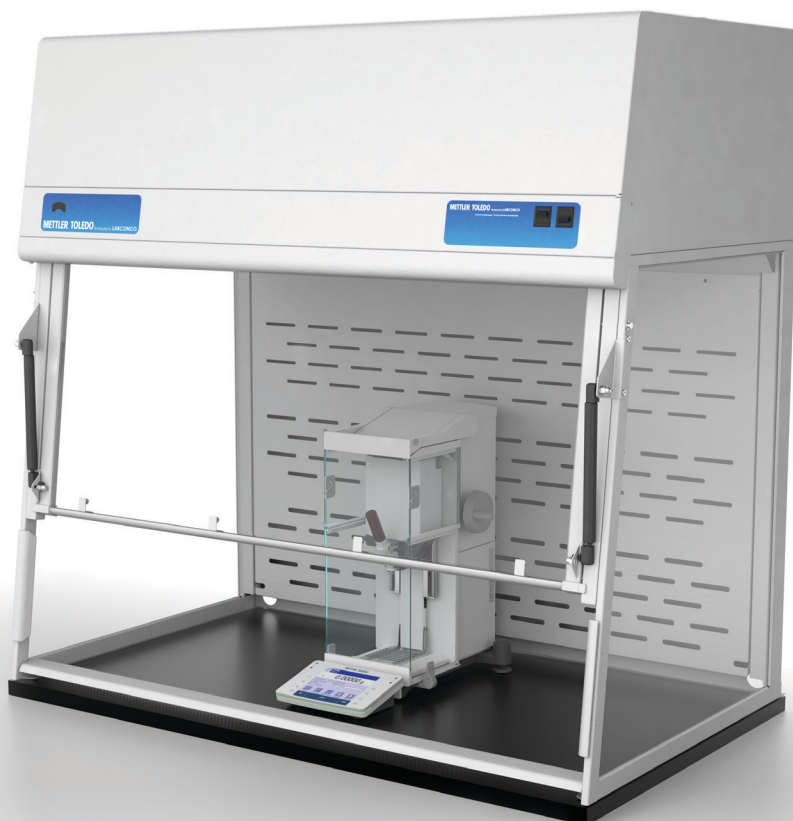
1998

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.



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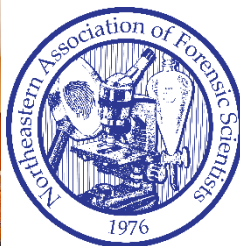
Northeastern Association of Forensic Scientists



2018 Annual Meeting

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October 23, 2018 – October 27, 2018





ANSI-ASQ NATIONAL ACCREDITATION BOARD

ANAB is a non-profit, non-governmental organization that provides accreditation and training services to public and private sector organizations. We are the global leader in accreditation of forensic service providers to ISO/IEC 17025 and ISO/IEC 17020. ANAB has provided accreditation services to the forensic community since 1982 and is a signatory of the IAF and ILAC multilateral recognition arrangements (MRAs).



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Green ountain DNA Conference

The 2017 Green Mountain DNA Conference will be held at the Sheraton Hotel & Conference Center in Burlington, Vermont from July 24-26. Conference registration will begin on April 4, 2017 at noon EST. The conference has limited seating and you are encouraged to register at noon as previous conferences have sold out within 10-15 minutes after registration was opened. This year the number of attendees has been expanded to 120. To encourage a wide variety of representation, the maximum number of attendees from a single laboratory/agency/corporation is three.

To learn more about the conference and this year's agenda, or to register for the conference please visit the Conference web page:
<http://vfl.vermont.gov/conference>

Registration is \$300 and includes meeting materials, breakfasts, lunches and breaks for the entire conference, a vendor reception with light fare and drinks on Monday night and a “meet the speakers” dinner cruise on Lake Champlain for Tuesday night.

The Conference has obtained a block of rooms at the Sheraton at the government rate of \$125 (plus 10% tax). The link for room registration will be posted on the conference website once available.

The conference ends at noon on Wednesday, July 26th and will be followed by a lunch and afternoon session sponsored by Promega. Registration for this session is free and the website to register will be provided on the Conference website and to those attending the conference at a later date.

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University of New Haven

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):

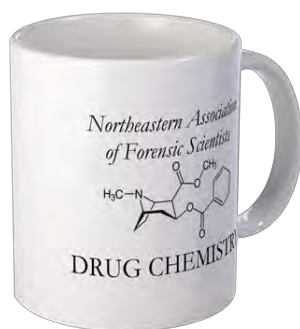
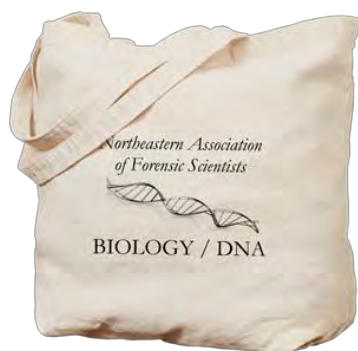
Do you have a particular individual(s) who you wish to be the visiting scientist?

Approximate desired date(s) of visit:_____

Number of individuals attending the training:_____

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**All income generated funds the
Carol DeForest Forensic Science Research Grant.**



NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS 2017 TRAINING SCHOLARSHIP FUND

OPEN APPLICATION PERIOD: JANUARY 1st, 2017 - DECEMBER 31st, 2017

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: _____

2017 Training Scholarship Fund

The Northeastern Association of Forensic Scientists (NEAFS) is proud to offer its members a 2017 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, 2017 to December 31st, 2017. 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 2017 Training Scholarship Fund. Please visit the NEAFS [training](#) website to take advantage of this great NEAFS opportunity and to view upcoming training opportunities!

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 2017. There will be an ABC exam offered at the NEAFS Annual meeting. 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.

Important Notice

The AAFS Board of Directors decided to discontinue the Journal of Forensic Sciences subscriptions for the affiliate groups at the end of 2016. Should members wish to continue subscribing, they may do so directly through the publisher.

Missing Something

Be sure to check the NEAFS website for the latest **Job Opportunities**.

B.O.D. Meeting Minutes and Financial Statements will now be placed in the Member Area of the NEAFS website. If you have trouble logging in please contact the web master, webmaster@neafs.org.

DON'T FORGET TO LIKE US ON FACEBOOK