NEAFS Newsletter

Volume 44, Issue 3 Fall 2019



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MEET THE 2019 BOD

Tiffany Ribadeneyra, F-ABC – President

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 - President-Elect

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

Adam Hall Ph.D., D-ABC - Treasurer

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

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

Stephanie Minero- Director

Nassau County Office of the Medical Examiner, Division of Forensic Services Forensic Scientist in the Controlled Substance Analysis Section since 2008 BS in Forensic Science - Long Island University/CW Post MS in Biology - Long Island University/CW Post

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

Alanna Laureano- Director

Westchester County Department of Labs & Research, Division of Forensic Sciences Since 2007 Forensic Science Specialist and Assistant DNA Technical Leader BS in Molecular Biology and Biochemistry- University at Albany, SUNY MS in Forensic Biology- University at Albany, SUNY



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A Message from President Tiffany A. Ribadeneyra

I am excited to highlight some of the great opportunities NEAFS has to offer this Fall. Foremost, President Elect Maria Tsocanos and her team are hard at work planning the 2019 Annual Meeting in Lancaster, PA from Nov. 12th to 16th. Registration is open to all and FREE to any member or active applicant presenting a technical talk or poster. The NEAFS Education Committee is available to help organize your presentation should you want help with your talk or poster. Be sure to book your room by Oct. 22nd to take advantage of our special NEAFS rate. Also, don't forget to order your Annual Meeting T-shirt. Proceeds from the sale will go towards the Carol De Forrest Research Grant. Fashion for a cause is always in style!

The board of directors understands that laboratories often have limited financial resources making it difficult to fund scientists to attend trainings and professional meetings. To better assist in the procurement of trainings and workshops, the Visiting Scientist Program has been restructured to the newly branded NEAFS Sponsored Training program. Our goal is to bring training to you at little-to-no cost to your laboratory. Details can be found on under the "Resources" tab of the NEAFS website or by contacting Education Committee Chairperson Sandra Haddad at education@neafs.org. In July, NEAFS kicked off this program by assisting the Onondaga County Center for Forensic Sciences in hosting a successful trace evidence workshop. More information about this workshop can be found in this newsletter but I would be remised if I did not extend a special thanks to NEAFS member Ted Schwartz and Clyde Wells for serving as the instructors. In addition, NEAFS will continue to offer the Training Scholarship Fund which includes a \$400 stipend for any member to attend a non-NEAFS workshop or training not fully funded by their employer.

As I near the end of my tenure as President, I would like to encourage you to get involved with this wonderful organization. Working with friends and colleagues who represent NEAFS has been one of the most rewarding and educational experiences of my career. Whether it's volunteering at the Annual Meeting or serving on one of our numerous committees, your involvement with NEAFS is sure to rejuvenate your sense of pride and commitment to the field. Please do not hesitate to contact President Elect Tsocanos (president@neafs.org) or myself (president@neafs.org) as we will be looking to fill key positions within the organization.

Our next board of directors meeting will be held on November 12th. As always, if you have anything you would like us to discuss, please email me at president@neafs.org. I look forward to seeing you in Lancaster!

Sincerely,

2019 NEAFS President

OF DRUGS IS NOT EASY.

IDENTIFYING THEM CAN BE.

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NEAFS 2019 Annual Meeting

NOVEMBER 13TH – **16**TH









Book your room TODAY!

Book by October 22, 2019 with Special NEAFS rate

Nightly Rate: \$139

Self-Parking per day: \$10

FOR MORE DETAILS, CONTACT THE PROGRAM CHAIR
MARIA TSOCANOS

presidentelect@neaf.org



WWW.NEAFS.ORG/NEAFS-ANNUAL-MEETINGS



STRESS MASTERY FOR FORENSIC SCIENCE PROFESSIONALS: A KEY TO AVOIDING BURNOUT

CAROL L RICKARD, LCSW TTS
AMERICA'S #1 STRESSOLOGIST

YOGA AND SERENITY ROOM

YOGA CLASSES OFFERED THURSDAY
AND FRIDAY MORNING AS WELL AS
A SERENITY ROOM AVAILABLE
THROUGHOUT THE CONFERENCE

FORENSIC PHOTOGRAPHY WORKSHOP

INSTRUCTED BY KEITH A. MANCINI
IAI CERTIFIED FORENSIC
PHOTOGRAPHER

VALIDATING YOUR LEADERSHIP METHODS - A HIGH-IMPACT WORKSHOP FOR FORENSIC LABORATORY PROFESSIONALS

JOHN M. COLLINS MA, SHRM-SCP SENIOR LEADERSHIP CONSULTANTS & EXECUTIVE COACH

STRENGTHENING THE
PUBLIC'S FAITH IN
FORENSIC SCIENCE
:LESSONS LEARNED FROM
MAKING A MURDERER'S
STEVEN AVERY CASE AND
OTHER CASES

JEROME F. BUTING
CRIMINAL DEFENSE LAWYER AND
AUTHOR OF ILLUSION OF JUSTICE:
INSIDE MAKING A MURDERER AND
AMERICA'S
BROKEN SYSTEM,



EVEN MORE WORKSHOPS

FUTURE TRENDS IN FORENSIC DNA TECHNOLOGY

EFFECTIVE AND EMPOWERING EXPERT WITNESS TESTIMONY

SCIENTIFIC WORKING GROUP FOR THE ANALYSIS OF SEIZED DRUGS (SWGDRUG) SUPPLEMENTAL DOCUMENT 6 (SD-6) AND STATISTICAL SAMPLING CALCULATOR TOOL WORKSHOP

POPULAR BOTANICAL DRUGS

ANALYTICAL APPROACHES FOR SCREENING AND CONFIRMING HERBAL AND SYNTHETIC DRUGS IN MULTIPLE MATRICES

SCIENTIFIC SESSIONS IN

TOXICOLOGY

CRIMINALISTICS/ CRIME SCENE AND DIGITAL EVIDENCE

DNA

CHEMISTRY

TRACE/ARSON AND EXPLOSIVES

STUDENT AND EDUCATORS FORUMS





NEAFS DISCOUNTED HOTEL RATE ENDS OCTOBER 22ND

ONLINE MEETING REGISTRATION ENDS

OCTOBER 28TH









- ante mortem samples as well as potency/pesticide testing in cannabis plants and edibles.
- Enhanced robustness over standard immunoassay screening techniques. Final extracts compatible with both GC-MS and LC-MS instrumentation.



Annual Meeting T shirt Sale

SHIRTS: \$24

HOODIES: \$40



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2019 Preliminary Meeting Schedule

Tuesday, November 12th

3:00pm – 6:00pm Board of Directors Meeting

7:00pm – 10:00pm Board of Directors Dinner – Belvedere Inn

Wednesday, November 13th

7:00am – 3:00pm Registration

7:30am – 9:00am Breakfast

8:00am – 12:00pm ABC Exam

12:00pm – 1:00pm Lunch (on your own)

8:30am – 5:00pm Future Trends in Forensic DNA Technology Workshop –

Thermo Fisher Scientific

9:00am – 5:00pm Validating your Leadership Methods: A High-Impact Workshop for

Forensic Laboratory Professionals - John M. Collins

9:00am – 5:00pm Forensic Photography Workshop – Keith A. Mancini

9:00am – 5:00pm Effective and Empowering Expert Witness Testimony Workshop –

Arthur Young & Katherine Cross

9:00am – 5:00pm Scientific Working Group for the Analysis of Seized Drugs (SWGDRUG)

Supplemental Document 6 (SD-6) and Statistical Sampling Calculator Tool Workshop – Tiffany A. Ribadeneyra & Sandra Rodriguez-Cruz

9:00am – 12:00pm Popular Botanical Drugs – Jolene Bierly

1:00pm – 5:00pm Analytical Approaches for Screening and Confirming Herbal and

Synthetic Drugs in Multiple Matrices - Shimadzu

6:00pm – 9:30pm Exhibits Set-up

7:00pm – 9:00pm Registration

Thursday, November 14th

7:00am – 8:00am Yoga

7:00am – 5:00pm Registration

7:30am – 9:00am Breakfast

7:30am – 8:00pm Exhibits

9:00am – 5:00pm Scientific Sessions:

Toxicology

Criminalistics/CSU & Digital Evidence

Biology/DNA

Drug Chemistry

Trace/Arson & Explosives

10:00am – 10:30am Morning Break

12:00pm – 1:30pm Lunch & Business Meeting

6:00pm – 8:00pm Welcome Reception & Poster Session

8:00pm – 10:00pm Evening Event

Friday, November 15th

7:00am – 8:00am Yoga

7:00am – 5:00pm Registration

7:30am – 9:00am Breakfast

7:30am – 11:00am Exhibits

9:00am – 12:00pm Carol L. Rickard - Stress Mastery for Forensic Professionals:

A Key to Avoiding Burnout!

12:30pm – 2:00pm Annual Luncheon – Speaker: Julie Weil

2:30pm – 5:30pm Jerome F. Buting – Strengthening the Public's Faith in Forensic Science:

Lessons Learned from Making a Murderer's Steven Avery Case and

Other Cases

5:30pm – 6:30pm Book signing: Carol L. Rickard

6:30pm – 7:30pm Cocktail Hour

7:30pm – 11:30pm Roaring 20's President's Reception

Saturday, November 16th

8:00am – 9:30am Breakfast

8:00am – 9:30am Registration

9:00am – 12:30pm Student Forum and George W. Chin Collegiate Cup Competition

9:00am – 12:30pm Educator's Forum



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- 3. Portability the scanner is lightweight and portable, and can be operated on 120v or 12v providing the ability to deploy Evofinder to a crime scene where sample evidence can be entered, correlated and viewed in Virtual Microscopy in minutes.
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NEAFS 2019 Workshops Wednesday, November 13th

Full-Day Workshops

Validating your Leadership Methods - A High-Impact Workshop for Forensic Laboratory Professionals

<u>Instructor</u>: John M. Collins MA, SHRM-SCP

Senior Leadership Consultants & Executive Coach

Critical Victories, LLC

All of us want to influence our work environment, our peers, and our employees in a positive way. But are we doing it the right way? We read books about leadership, attend workshops, and watch YouTube videos, but they don't seem to have a lasting impact on our professional effectiveness or our ability to produce sustainable results. That's because the personal transformation that one must undergo to become a true leader requires something much more. Whether you are a manager in a forensic science laboratory or simply want to improve your own leadership skills, this workshop will teach you specific and actionable strategies for improving your "leadership presence" and validating your approach to communicating and working with others. By attending this workshop, you will learn much more than simply how to *act* like a leader. You will learn how to *become* a leader!

Future Trends in Forensic DNA Technology



The 2019 Thermo Fisher Scientific Workshop will focus on Future Trends in Forensic DNA Technology. Some of the topics will include: a panel discussion focused on mixture interpretation using a probabilistic genotype software and presentations on Rapid DNA, Y-Screening, and more.

Forensic Photography

Instructor: Keith A. Mancini

Forensic Photographer

Westchester County Forensic Lab

Attendees will learn the techniques necessary to document evidence, and crime scenes including fingerprints, impressions, and blood spatter patterns.

Techniques Discussed:

- Equipment (camera, lenses, and lighting) operation and settings
- Digital photography terminology
- Standard operating procedures
- Basic photographic principals (exposure, metering, shutter speed, aperture, focal length)
- Evidence documentation
- Crime Scene photography
- Fluorescence (alternate light source) photography
- Impression & Fingerprint photography
- Bluestar photography
- Blood Spatter photography

The course will be tailored to the field of interest of the attendees.

Effective and Empowering Expert Witness Testimony

<u>Instructors</u>: Arthur Young, BS, F-ABC

Guardian Forensic Sciences

Katherine Cross, MS, F-ABC Guardian Forensic Sciences

Public speaking is one of the most common fears that people have. This is one of the main inhibitors of providing effective expert testimony; uneasiness can be misread by others as uncertainty or even deceptiveness. The second inhibitor is the tendency to use scientific vocabulary, which can turn off a jury of lay people who probably didn't enjoy science the first time around. An effective expert witness is the one who empowers members of the jury. This workshop will reveal some of the techniques that the speakers have employed in nearly six decades of combined experience, in almost 400 trials. The speakers will discuss what exercises are most effective, employ analogies that a lay jury can easily grasp, learn the methods that will impress your testimony upon the jury, and develop the confidence necessary to speak to audiences of 12 or 1200 people. The speakers will also discuss traps that attorneys have used in trial, speech patterns to avoid during testimony, and even where not to stand when speaking. Engage in this workshop and exit a whole new expert.



Scientific Working Group for the Analysis of Seized Drugs (SWGDRUG) Supplemental Document 6 (SD-6) and Statistical Sampling Calculator Tool Workshop

Instructors:

Tiffany A. Ribadeneyra, M.S., F-ABC Forensic Scientist IV Nassau County Department of the Medical Examiner Division of Forensic Services

Sandra Rodriguez-Cruz, Ph.D., F-ABC Senior Research Chemist DEA Special Testing & Research Laboratory

Forensic laboratories performing seized drug analysis often receive submissions comprised of numerous containers, such as glassine envelopes, Ziploc bags, or plastic vials, each purportedly containing a controlled substance. Laboratories are tasked with determining the presence or absence of controlled substances in a timely fashion, without sacrificing quality of work. This task is often supplemented by various statutory regulations for which a laboratory must meet or exceed a threshold, either by weight or number of units. Carrying out a complete analysis of all seized evidence in a submission with a large number of items becomes very time consuming and laborious. SWGDRUG recognizes that statistical sampling can increase the efficiency of laboratories by decreasing turnaround time and, ultimately, backlogs. SWGDRUG also acknowledges the need for a thorough understanding of and accessible tools for statistical sampling throughout the forensic community. Hence, the development of SD-6 and the Sampling Calculator.

This workshop will focus on the use of statistical sampling for seized drug evidence. Topics will include: background information, legal considerations, weight extrapolations, and various probability based sampling techniques. An in-depth understanding of measurement uncertainty for seized drug extrapolations and qualitative analysis will be presented in conjunction with a hypergeometric sampling plan. Additionally, this training will discuss the development and use of **SWGDRUG's validated, free Sampling Calculator.** Attendees are encouraged to bring information on multi-item exhibits submitted to their laboratories as there will be round-table exercises involving the weight extrapolations, threshold determination and the Sampling Calculator.

Visit www.swgdrug.org for SD-6 (Documents>Supplemental) and Sampling Calculator (Resources>Tools).

Half-Day Workshops

Popular Botanical Drugs

<u>Instructors</u>: Jolene Bierly, MSFS D-ABFT-FT

Toxicologist I NMS Labs

Others TBD

While the use of drugs derived from plants is not a new concept, it has become exceedingly popular in recent years. There are hundreds of legal and illegal drugs readily available today with botanical origins. From the unregulated mitragynine (Kratom) being sold in head shops or online to the schedule I synthetic cannabinoids available on the dark web, these drugs are everywhere. The goal of this workshop is to provide information concerning three of the popular botanical drug trends available today: synthetic cannabinoids, mitragynine, and vaping (nicotine). This workshop will address current trends, nicotine delivery systems, pharmacology and pharmacokinetic information, analytical challenges, and case interpretation.

Analytical Approaches for Screening and Confirming Herbal and Synthetic Drugs in Multiple Matrices



The number of designer drugs and their availability have exploded in recent years, leading to widespread social impact on communities. Many individuals are looking to alternative medicines and drugs, including Chinese herbal medicines and herbal supplements. Some of these materials have euphoric effects that cause "legal highs". This workshop will focus on the analytical techniques that are available to screen for and confirm many of these compounds. These techniques include liquid chromatography mass spectrometry (LC-MS), gas chromatography mass spectrometry (GC-MS), and high-resolution mass spectrometry. Speakers will discuss analyzing these compounds in both ante-mortem and post-mortem matrices.



NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS 2019 ANNUAL MEETING

STRENGTHENING THE
PUBLIC'S FAITH IN
FORENSIC SCIENCE:
LESSONS LEARNED FROM
MAKING A MURDERER'S
STEVEN AVERY CASE AND
OTHER CASES





PRESENTED BY:
JEROME F.BUTING

MARRIOTT PENN SQUARE, LANCASTER, PA

FRIDAY NOVEMBER 15TH 2:30PM

STRESS MASTERY

A SIMPLE & PRACTICAL WAY TO FINALLY TAKE CONTROL OF YOUR STRESS!



Carol L Rickard, LCSW, TTS
AMERICA'S #1 STRESSOLOGIST

Stress Mastery for Forensic Professionals: A Key to Avoiding Burnout!

How would you like to be able to eliminate stress in just 60 seconds? If the answer is yes, then you'll want to keep reading!

Research has shown the level of workplace stress is on the rise, and so too is professional burnout. Do any of the following sound familiar: Are you so stressed out that you can't sleep? Is your stress spilling out on the wrong people or even following you home from work? Or is stress starting to take its toll and you are having health issues? A yes to any of these is a sure sign that stress has taken control of your life. And no matter what you've tried, it doesn't seem to be working.

There's a good chance what you've been doing isn't working because no one ever explained stress to you in a way that was helpful. Maybe you never got to learn the right tools or were taught some old tools that just don't work anymore. But...what if you were able to learn a way that puts you in control of stress and not the other way around? What if you had all the right tools for any given situation at any given time? And what if you could reduce your stress in just 60 seconds? The good news is that's exactly what you'll learn in this presentation!

Here's what this program is NOT: It's NOT the same old stuff you've been hearing for years. This is stress management redefined. It's NOT more theory – you'll learn simple and practical "tools" to use every day at home and work – including 60 second solutions. Lastly, it's NOT going to stress you out even more – this is a fun, interactive program that will have you walk away ready to become a *Stress Master*.

Speaker: Carol L Rickard, LCSW America's #1 Stressologist

Carol Rickard, LCSW, has spent over 27 years working in the behavioral health field as a social worker, trainer, and facilitator in hospital-based settings. Carol's expertise is in stress management and wellness. In addition to the 25 books she has published, she has been a featured expert in other publications including Readers Digest, Dr. Oz's The Good Life, Woman's World Magazine, and writes a weekly column for Esperanza Magazine.

She has spoken and conducted trainings for organizations including the NJ State Police, Princeton University, Catholic Charities USA, and US Department of Energy. She is the creator and co-host of a nationally syndicated wellness series called The WELL YOU Show, which is based out of Princeton Community Television. Carol has her Masters in Social Work from Rutgers University and her Bachelors in Science from Kansas State University.

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The compact and easy-to-use Applied Biosystems™ RapidHIT™ ID System is the ideal rapid DNA platform for generating lab-quality forensic DNA profiles in as little as 90 minutes with only one minute of hands-on time.

This newest addition to our forensic DNA analysis portfolio can be used to enable greater efficiency, reduce hands-on time, and offer new ways to partner with law enforcement to solve your highest-priority cases. The RapidHIT ID System makes DNA profiling remarkably fast and easy.

Find out more at thermofisher.com/rapidDNA



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NEAFS 2019 ANNUAL MEETING

A LITTLE PARTY NEVER KILLED NOBODY

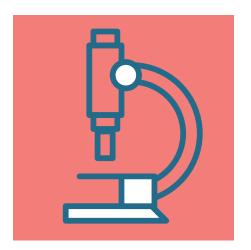
11.15.19 | 7:30-11:30

THEME: ROAR THEMES





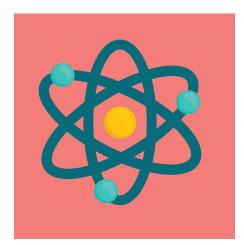
GEORGE W. CHIN COLLEGIATE CUP AND STUDENT FORUM



SATURDAY 11/16 9AM-12:30-PM

GET YOUR TEAM READY

Undergraduate and Graduate Teams of four students (three and an alternate) will compete against each other for the "Chin Cup" in a GE College Bowl format to test forensic science knowledge.



CHAIR: ANISHA PAUL - PAUL.ANISHA12@GMAIL.COM COCHAIR: ANDREA BELEC ABELEC43@GMAIL.COM

NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS 2019 ANNUAL MEETING



EDUCATOR'S FORUM

SATURDAY NOVEMBER 16TH 9:00A -12:30PM

Chair: Sandra Haddad -education@neafs.org

HTTPS://WWW.NEAFS.ORG/EDUCATORSFORUM

At this year's Annual Meeting!

Clear your mind

THURSDAY, NOVEMBER 14TH
7:00AM - 8:00AM
FRIDAY, NOVEMBER 15TH
7:00AM - 8:00AM

THE "SERENITY" ROOM WILL BE OPEN THROUGHOUT THE CONFERENCE

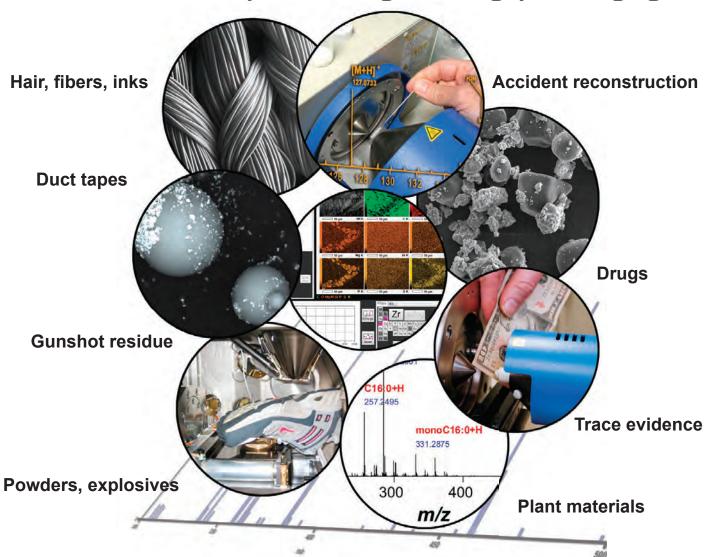
Feel free to take some time between sessions to unwind. A limited amount of mats will be available, please bring your own if you have one!



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JEON



Northeastern Association of Forensic Scientists Membership Committee

Anisha Paul, Chair

NEW MEMBER APPLICANTS*

STATUS	FULL NAME	AFFILIATION
Regular	Vujayalaxmi Radkar	Department of Labs and Research Toxicology
Regular	Michael Fagiola	Nassau County Office of Medical Examiner
Assocaite	Christian Hopkins	Certified Laboratories
Associate	Conor Lennon	New Jersey State Police-Office of Forensic Science
Associate	Nicholas Ciccone	Nassau County Office of Medical Examiner
Regular	Kendra Hardy	NY New York City Office of Chief Medical Examiner,
		Department of Forensic Biology
Associate	Erin Monko	Pennsylvania State Police
Associate	Ewelina Mistek	Lednew Research Group
Regular	Season Seferyn	Onondaga County center of Forensic Sciences
Associate	Darina Griffin	Massachusetts State Police Crime Laboratory
Associate	Alyssa Lombardo	Westchester County Department of Labs and Research
Associate	Alexandra Kocaj	Nassau County Office of Medical Examiner
Regular	Tobi Kirschmann	New York State Police Forensic Investigation center
Regular	Mikayla Caldwell	Massachusetts State Police Crime Laboratory
Regular	Danielle Munoz	Mid Hudson Crime Laboratory
Regular	Kyle Broen	National Medical Serivces Labs
Regular	Carolyn Frantz	New York State Police Forensic Investigation center
Regular	Brendan Perrotta	New York Police Department Police Laboratory
Regular	Michele Plowinske	New York State Police
Assocaiate	Mary Maltbie	New York State Police Forensic Investigation center
Regular	Tara Goldfrank	New York City Police Department Police Laboratory
Regular	Jessamyn Chmura	Boston Police Department Crime Laboratory
Regular	Mary Coleman	National Medical Serivces Labs
Associate	Chadeen Vanriel	Yonkers Police Department Forensic Science Laboratory
Associate	Rosalyn Roman	Yonkers Police Department Forensic Science Laboratory
Associate	Jenny Kenyon	Penn State University

REINSTATEMENTS*

REINSTATEMENT TO	MEMBER#	FULL NAME	AFFILIATION
Regular	1448	Sheila Gentile	Center of Forensic Sciences
Regular	843	Tammi Jacobs Shulman	Westchester County Forensic Laboratory
Regular	1671	Grace Hui	Nassau County Office of Medical Examiner
Regular	1447	Michael Marciano	Syracuse University
Associate	1869	Brynn Vitrano-Stocker	Suffolk County Crime Laboratory

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

STATUS	MEMBER #	FULL NAME	AFFILIATION
Regular	452	Sharon R. Freck-Tootell	New Jersey State Police
Regular	489	Donna M. Hansen	Union County Forensic Laboratory
Regular	602	Jeffrey H. Luber	Suffolk County Crime Laboratory
Regular	744	Elizabeth M. Murphy	No affiliation on record anymore
Regular	745	Barbara Gutierrez	NY State Police Mid-Hudson Regional Laboratory
Regular	963	James F. Wesley	Monroe County Public Safety Laboratory
Associate	1144	Susan Coyne-Flaherty	Westchester County Forensic Lab
Regular	1257	Vivian Texidor	CT Dept. of Public Safety
Regular	1294	James C. Vose	Vermont Department of Public Safety
Regular	1377	Stephen H. Ostrowski	NH State Police Forensic Lab
Associate	1397	Jeffrey M. Buszka	NYC Office of the Chief Medical Examiner
Regular	1550	Nicole King	NMS Las
Regular	1606	Christopher Benintendo	US DEA
Regular	1663	Janine Johnson Mrs.	State of Connecticut Dept. of Emergency Services and Public Protection
Associate	1698	Thomas Pritchett	Cedar Crest College
Associate	1782	Gina Parada	Allen Flavors Inc.
Regular	1799	Angela Przech	Connecticut Crime Lab
Associate	1811	Danielle Brandoff	Pace University
Regular	1823	Christine Tyson	MSP Forensic Services Group
Regular	1849	Reena Roy	Penn State University
Regular	1857	Sarah A. Keeling	NMS Labs
Associate	1871	Clare M. Fried	Cedar Crest College
Associate	1888	Leonard Lim Lee	John Jay College of Criminal Justice
Associate	1891	Emily A. Williamson	Cedar Crest College
Regular	1895	Thomas F. Diego, Jr.	New York State Police Forensic Investigation Center
Associate	1909	Cherie L. Reynolds	Bay Path University
Associate	1917	Erica N. Johnson	Arcadia Univeristy
Associate	1927	Claire K. Muro	SUNY Research Foundation
Associate	1936	Kyle C. Doty	University of Albany, SUNY
Associate	1937	Jozlyn C. Gibbs	Cedar Crest College
Associate	1938	Miranda Lisa French	Bay Path University
Regular	1952	Isabella K Black	Massachusetts State Police Crime Laboratory
Associate	1962	Lauren A Kleeman	John Jay College of Criminal Justice-Student
Associate	1965	Kruglak J Kaitlin	University of New Haven
Regular	1972	Courtney Ganter	Vermont Forensic Laboratory
Associate	1977	Christopher M George	New Jersey State Police Office of Forensic Science
Regular	1993	Ondra M Kielbasa	Alvernia University
Associate	2002	Emily R Neverett	Forensic Science Department at the University of New Haven
Associate	2003	Emily R Parchuke	Rutgers University
Regular	2004	Niti C Dalal	N/A
Associate	2011	Rachel Gilmore	University of New Haven
Associate	2013	John A Guzzwell	CSIpix by iSYS Corporation

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NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS



For questions, additional information or to volunteer please contact Angela Vialotti at: secretary@neafs.org

2020 ANNUAL MEETING



OCTOBER 14TH - 17TH, 2020



NEAFS Sponsored Training Event



The Trace Evidence Workshop was held in July 2019 at the Onondaga County Center for Forensic Science in New York. The three-day workshop covered various aspects of trace evidence, including transfer theories and collection techniques. Microscopic examinations were emphasized, including searching for potential biological material on items of evidence. The remainder of the workshop focused on forensic hair examination, including: the evidentiary value of hair; the structure of hair; differences between hairs and fibers; differences between animal hair and human hair; slide mounting techniques; root characteristics and searching for biological material on hairs; determination of somatic origin; photomicrography; report writing and courtroom testimony.







The workshop consisted of lectures and hands-on laboratory exercises. The participants gained additional experience with the stereoscope that may be applied to their examination of evidence. The hands-on laboratory exercises were invaluable in reinforcing the material covered in the workshop.



The workshop was instructed by NEAFS member Ted Schwartz and Clyde Wells.



NEAFS Sponsored Training

Have an idea for a training event?

Need to bring training to your lab?

Would you like NEAFS to subsidize and sponsor your training event?

Let's hear from you!

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 4 months in advance of the anticipated date(s) of the event. The contact person can expect to be informed by the Education Chairperson of the approval or denial of the request within 30 days of receiving the application.

Things to know:

- Due to finite amount of funds available annually, NEAFS will subsidize according to the following guidelines:
 - o Small Training 0 10 participants = up to \$4000
 - Medium Training 11 20 participants = up to \$7000
 - Large Training –21+ participants = \$10,000
- If requesting more than \$10,000 from NEAFS, funds may be available upon request pending approval by the Board of Directors and/or NEAFS membership.
- 20% of total participants must be NEAFS members or active NEAFS applicants.
- Training may be opened to additional labs to acquire additional funding beyond training size limitations.
- NEAFS will advertise the training on its website if registration is opened up to external (non-host) labs.
- If training funds requested exceed the guidelines and the requesting lab does not wish
 to open up training to outside labs then the lab is responsible for the difference in the
 cost of training. Registration fees for non-NEAFS members may be used.
- The number of contact hours for those claiming continuing education credit(s) as a result of the training will be determined by the instructor(s).

NEAFS Sponsored Training Request Form

Laboratory:
Laboratory Director/Manager:
Address:
ation Oc
Contact Person:
Phone:
Email:
Requested Training:
Requested Scientist(s)/Trainer(s) (if known):
Approximate desired date(s) of training:
Number of individuals attending training:
Number of NEAFS members attending training

Request Details (to include travel/hotel costs, registration fees and training materials):

	·			•
Room and Board for Presenter(s):	Yes	No	Approximate Cost:	
Presenter(s) Travel:	Yes	No	Approximate Cost:	
Presenter(s) Stipend:	Yes	No	Approximate Cost:	
Meals for Attendees:	Yes	No	Approximate Cost:	
Registration Fee(s):	Yes	No _	(Subtotal): Approximate Cost:	(less)
450		2	Grand Total:	32
Additional Requests:				DSJC SCZ



2019 Training Scholarship Fund

The Northeastern Association of Forensic Scientists (NEAFS) is proud to offer its members a 2019 Training Scholarship Fund. Regular members, in good standing, are eligible to receive up to \$400 towards training, workshop or non-NEAFS meeting registration expenses. 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 1st, 2019 December 31st. Januarv to 2019. 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 non-NEAFS related entity, we other highly encourage your swift application for the 2019 Training Scholarship Fund. Please visit the NEAFS training to take advantage of this website **NEAFS** great opportunity and to view upcoming training opportunities!

Upcoming Training

October 2019

2019 Forensic Science Symposium
Integrating Contemporary Forensic Science Methods in the Modern Criminal Justice System
John Jay College of Criminal Justice, New York, New York - Moot Court 6.68NB (524 West 59th Street,
New Building 6th Floor)
October 4, 2019 at 9:00AM – 4:30PM

Online registration for the 2019 Forensic Science Symposium will be open on August 1, 2019. Early online registration \$150 including breakfast and lunch will be ended on September 20, 2019. After September 20, regular online registration and on-site registration at the symposium will be \$200 including breakfast and lunch. Registration fee for John Jay students and colleagues will be \$20 including breakfast and lunch.

Please contact Shu-Yuan (Demi) Cheng if you have any question at shcheng@jjay.cuny.edu; 646-557-4637.

Shooting Reconstruction Workshop
John Jay College of Criminal Justice, 524 West 59th Street, Room 05.67NB, New York, NY 10019
Instructors: Dr. Peter Diaczuk and Detective Andrew J. Winter
Saturday October 5, 2019, 8:30am – 4:45pm

Shooting reconstruction is a complex endeavor, requiring a thorough knowledge of bullets, firearms, and the physics of impact dynamics. This workshop will attempt to elucidate some of the situations encountered and offer solutions to questions that arise at shooting scenes, including ricochets, bullet deformation and trace evidence on bullets. Several different types of ammunition will be discussed, along with their interactions with several different substrates commonly encountered. Attendees will also become familiar with evidence recognition, documentation, and recovery for laboratory analysis.

Online registration is open now until October 4, 2019; click here. Space is limited. Fee: \$ 200.

Please contact Shu-Yuan (Demi) Cheng if you have any question at shcheng@jjay.cuny.edu; 646-557-4637





2019 Forensic Science Symposium

Integrating Contemporary Forensic Science Methods in the Modern Criminal Justice System

John Jay College of Criminal Justice, New York, New York

October 4, 2019 at 9:00AM - 4:30PM

Moot Court 6.68NB (524 West 59th Street, New Building 6th Floor)

SYMPOSIUM PROGRA	AM	
Time	Program	Speakers
9:00 AM – 9:30 AM	Registration/Breakfast	
9:30 AM – 10:30 AM	Welcome Keynote Speaker	Forensic Science as a Key Decision Point in the Criminal Justice System by Sarah Chu, MS (Senior Advisor on Forensic Science Policy, Innocence Project)
10:30 AM – 12:30 PM	Concurrent Sessions	 Introduction to evaluative reporting and testimony for DNA results by Dr. Mechthild Prinz Forensic toxicology by Dr. Marta Concheiro-Guisan Criminalistics by Dr. Peter Diaczuk and Dr. John Reffner
12:30 PM – 1:30 PM	Lunch/ Forensic Case Study	The Mystery of the Lost World Trade Center 9/11 Flag a Trace Evidence Case for the Ages by Nicholas Petraco, MS, D-ABC and Dr. Nicholas D.K. Petraco
1:30 PM – 3:30 PM	Concurrent Sessions	 Introduction to evaluative reporting and testimony for DNA results by Dr. Mechthild Prinz Forensic toxicology by Dr. Marta Concheiro-Guisan Criminalistics by Dr. Peter Diaczuk and Dr. John Reffner
3:30 PM – 4:30 PM	Discussion/Q & A	

Online registration for the 2019 Forensic Science Symposium will be open on August 1, 2019.

Early online registration \$150 including breakfast and lunch will be ended on **September 20, 2019**. After September 20, regular online registration and on-site registration at the symposium will be \$200 including breakfast and lunch. Registration fee for John Jay students and colleagues will be \$20 including breakfast and lunch.

Please contact Shu-Yuan (Demi) Cheng if you have any question. shcheng@jjay.cuny.edu; 646-557-4637



Shooting reconstruction workshop

Saturday October 5, 2019, 8:30am – 4:45pm

Location: John Jay College of Criminal Justice, 524 West 59th Street, Room 05.67NB, New York, NY 10019

Target audience: Criminalists, firearm examiners or crime scene responders involved in shooting reconstruction

Instructors: Dr. Peter Diaczuk and Detective Andrew J. Winter

Fee: \$ 200

Description:

Shooting reconstruction is a complex endeavor, requiring a thorough knowledge of bullets, firearms, and the physics of impact dynamics. This workshop will attempt to elucidate some of the situations encountered and offer solutions to questions that arise at shooting scenes, including ricochets, bullet deformation and trace evidence on bullets.

Several different types of ammunition will be discussed, along with their interactions with several different substrates commonly encountered. Attendees will also become familiar with evidence recognition, documentation, and recovery for laboratory analysis.

Agenda:

Module 1: "Basic firearm and ammunition nomenclature and operability"

Module 2: "Bullet ricochet"

Module 3: "Bullet interactions with substrates"

Module 4: "Determining bullet paths at the scene"

Module 5: "Practical exercises"

Station 1 --- Bullet ricochets

Station 2 --- Trace evidence on bullets

Station 3 --- Powder patterns on garments for distance determination

Station 4 --- Field test for bullet impact

Station 5 --- Rapid shear- bullet holes in synthetic garments

Station 6 --- Determining bullet paths

Module 6: Wrap-up and discussion. Certificates of Completion given to attendees







Online registration is open now until October 4, 2019. Space is limited.

Please contact Shu-Yuan (Demi) Cheng if you have any question. shcheng@jjay.cuny.edu; 646-557-4637

December 2019

Introductory Bloodstain Pattern Analysis Workshop Miami-Dade Public Safety Training Institute, 9601 NW 58th St., Doral, FL 33178 December 9-13, 2019

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 objectives:

- 1) Teach the investigator how to identify bloodstain pattern evidence at the crime scene.
- 2) Teach the investigator how to properly document bloodstain pattern evidence.
- 3) Teach the investigator how to properly preserve the bloodstain pattern evidence.
- 4) Teach the investigator how to reconstruct bloodstain patterns at the crime scene.
- 5) Provide the foundation for teaching the investigator how to interpret bloodstain pattern evidence.
- 6) Teach the investigator the safety and health issues associated with bloodstain pattern evidence.

Workshop Goals:

- 1) To be able to recognize bloodstain pattern evidence at the crime scene.
- 2) To be able to properly document and preserve the bloodstain pattern evidence.
- 3) To be able to properly use bloodstain pattern terminology.
- 4) To be able to identify simple bloodstain pattern types.
- 5) To obtain basic bloodstain pattern analysis knowledge that will be the foundation for additional training culminating in being able to evaluate and interpret bloodstain pattern evidence and render an opinion concerning that interpretation.

The objectives and goals will be achieved through lecture, discussion, practical experiments with blood, and case studies.

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 2019 TRAINING SCHOLARSHIP FUND

OPEN APPLICATION PERIOD: JANUARY 1st, 2019- DECEMBER 31st, 2019

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 \$400 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 submitall inquiries, applications and supporting documentation to: awards@neafs.org.

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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:		t Name:	
Organization/Agency:			
Street:	- 410	nos	
City:	State:	AA (//C	ZIP Code:
Phone:	Fax:	E-Mail:	1
NEAFS Member Number:) 4	A	/42
ABC Status: Diplomate Fellow	Board Member	Affiliate Exam Con	nmittee
Training Information	N.	21	
Course Title:	DIESE HE SE		
Sponsor/Host Organization:	100 St. 1		
Meeting Dates & Times:			A CO
Location:	Tra	vel Dates & Times:	7
Course Description:	1 (Y)	Jasili /	
		W.25	10.2
Attendance Benefit to Applicant:	Name of the last		100
	from the second	A A	
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(5)	75.00	THE SHALL	
	7945	2 L	100
		JOHN IN	100
Expenses	L COMMYS	32mhr 3 13 3	
Registration Cost:	Travel	Cost:	
Justification for Reimbursement:	1	, C	. //
	V	C)	
	5 10	76	
	10	10	8
Will you be reimbursed by your ag	ency or any other no	n-NEAFS related entity	for any expenses incurred as a
result of attending the above train	ing? Yes No		
If "Yes", provide funding ag	ency and amount:		
Have you been funded to attend al	I or part of a worksh	op or training course th	is year? Yes No
If "Yes", provide cost of wo	rkshop(s)/training(s)	attended and amount o	compensated:
FOR OFFICIAL USE ONLY: Refe	erence #:	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		
·		ast Name:
Organization/Agency:		
Street:	- 011	00 ()
City:		ZIP Code:
Phone:	Fax:	E-Mail:
Training Information	5	
Course Title:		
Sponsor/Host Organization:	DOTE THE	
Meeting Dates & Times:	Car STEERS OF THE	
Location:	A. C.	ravel Dates & Times:
Instructor/Organizer:		
NOTE: Each applicant must v	Fax: Fax: of attendance and succes	E-Mail:Esful completion by attaching a certificate to this form. sum) course summary to accompany this form. Applicants
Phone: *If applicable, provide proof NOTE: Each applicant must v awarded full or partion NEAFS Newsletter. Th	Fax: Fax: of attendance and succes write a 1000-word (minimal workshop reimbursemene preferred format is a M	sful completion by attaching a certificate to this form.
Phone: *If applicable, provide proof NOTE: Each applicant must v awarded full or partion NEAFS Newsletter. Th	Fax: Fax: Fax: of attendance and succes write a 1000-word (minimal workshop reimbursemene preferred format is a Micourse summary will be co	esful completion by attaching a certificate to this form. Sum) course summary to accompany this form. Applicant Int will have their course summaries published in the Sicrosoft Word document. Reimbursement applications
Phone:*If applicable, provide proof NOTE: Each applicant must v	Fax: Fax: Fax: of attendance and succes write a 1000-word (minimal workshop reimbursemene preferred format is a Micourse summary will be co	esful completion by attaching a certificate to this form. Sum) course summary to accompany this form. Applicant of the summary to accompany this form. Applicant of the summaries published in the summaries of t
*If applicable, provide proof NOTE: Each applicant must v	Fax: Fax: Fax: Fax: of attendance and successorite a 1000-word (minimal workshop reimbursement preferred format is a Micourse summary will be consecuted.	esful completion by attaching a certificate to this form. Sum) course summary to accompany this form. Applicant Int will have their course summaries published in the Sicrosoft Word document. Reimbursement applications

- "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 intitled: "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
 - o Exchange ideas and information among professionals in the field
 - o Promote recognition of forensic science as an important part of the justice system
 - o Sponsor and organize seminars, workshops, and special training sessions
 - o Represent the membership on national issues affecting forensic science
 - o Encourage research and development
 - o Stimulate implementation of new methods and techniques
 - o Establish professional standards
 - o Provide advice on educational curricula, legislation and other matters affecting the profession
 - Arbitrate professional disputes
 - o 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 Commador 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.

