

NEAFS Newsletter

Volume 44, Issue 2

Summer 2019

Visible Light

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AMERICA THE BEAUTIFUL

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Images by: Ariel Visci

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Director: Alanna Laureano

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MEET THE 2019 BOD

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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

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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
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A Message from President Tiffany A. Ribadeneyra

Greetings NEAFS members! As we are painfully aware, crime tends to spike in the warmer months resulting in increased caseloads. I hope you are finding time to enjoy the nice weather with your family and friends amidst the summer crunch. However, the temperature isn't the only thing heating up. The NEAFS board and staff have been hard at work planning our annual meeting, improving our website and providing incentives and trainings for our members.

Registration is open for the 2019 Annual Meeting which will be held November 12th – 16th at the Marriott Lancaster at Penn Square in Lancaster, PA. This year, NEAFS has transitioned to a fully electronic registration system. Detailed instructions, payment and registration information can be found by visiting www.neafs.org/registration. Early registration ends August 28th, so be sure to take advantage of our early bird discount. Don't forget that members or active applicants who present a technical paper or poster are eligible for FREE REGISTRATION. Call for Papers/Abstract Submission forms are due no later than October 1st. Also new this year, NEAFS is offering custom Annual Meeting t-shirts and hooded sweatshirts! Proceeds will help fund the Carol De Forest Student Research Grant. Please check the "Conferences" tab of the [NEAFS](http://www.neafs.org) homepage for the most up-to-date information regarding abstracts, the preliminary schedule and the Call for Papers form.

Did you know that the NEAFS website is not only home to meeting information and forms? Publications chairperson Brandi Clark has been instrumental in improving the utility of our website. Specifically, the Member Area which hosts our membership directory, discussion forum, photo gallery, meeting minutes, treasurer reports, presentations and more! Navigate to the Member Area from the [NEAFS](http://www.neafs.org) homepage by selecting the Member Area link provided in the Membership dropdown. You will need to sign up with an email address and password the first time you visit the Member Area in order for your access to be authenticated. Sign up to stay informed on the activities of our organization.

As a reminder, the board of directors is offering the following incentive to help boost membership: the member who sponsors the highest number of new applicants by September 1, 2019 will have their 2020 NEAFS dues waived! Please be sure to share the advantages of belonging to our wonderful organization, including a \$400 training scholarship for any member to attend a workshop or training not fully funded by their employer, a visiting scientist program where NEAFS will send a subject matter expert to a lab in need of training, reimbursement for members who have passed their certification examinations such as ABC or IAI and NEAFS sponsored workshops held throughout the year at nominal or no cost.



Our next board of directors meeting will be held on July 20th. If you have anything you would like us to discuss, please feel free to email me at President@NEAFS.org.

Sincerely,

A handwritten signature in black ink that reads "Tiffany Ribadeneyra".

2019 NEAFS President

Fast Investigation

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Duct tapes

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Powders, explosives

Accident reconstruction

Drugs

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NEAFS 2019 Annual Meeting

NOVEMBER 13TH – 16TH



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FOR MORE DETAILS, CONTACT THE PROGRAM CHAIR

MARIA TSOCANOS

presidentelect@neaf.org



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REGISTRATION
ENDS AUGUST
28TH

NEAFS 2019 ANNUAL MEETING

NOVEMBER 12TH-16TH
MARRIOTT LANCASTER AT PENN SQUARE
LANCASTER, PA

WWW.NEAFS.ORG/NEAFS-ANNUAL-MEETINGS



PROGRAM

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

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

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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

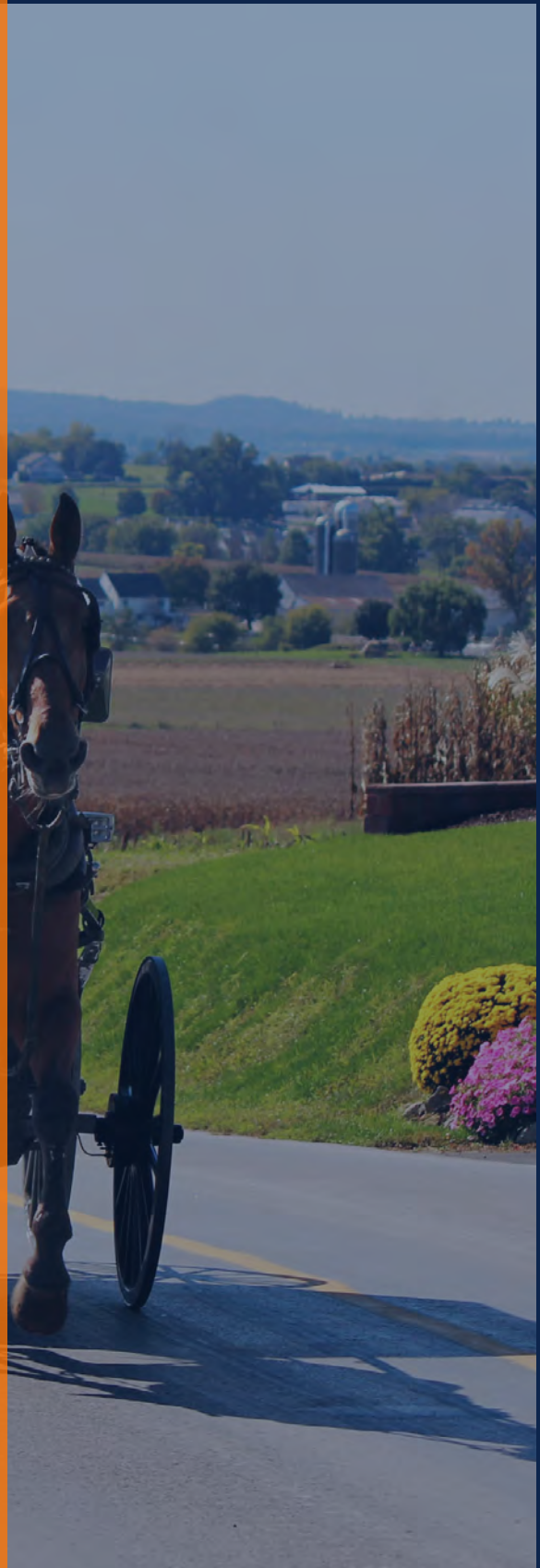
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2019 Preliminary Meeting Schedule

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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NEAFS 2019 Workshops

Wednesday, November 13th

Full-Day Workshops

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

Instructor: 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

ThermoFisher
S C I E N T I F I C











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

Instructors: 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

Instructors: 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.

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NOVEMBER 12TH-16TH
LANCASTER, PA

NEAFS 2019 ANNUAL MEETING:

Call for Papers!

Are you working on research you would like to share at this years meeting? Follow the link below to submit your abstract. Any member or active applicant who presents a technical talk or poster will receive **FREE REGISTRATION** for the meeting

Applications due

OCTOBER 1ST

<https://www.neafs.org/neafs-annual-meetings> for application



NEAFS 45th Annual Meeting

November 13 - 16th, 2019
Lancaster, PA

CALL FOR PAPERS – ABSTRACT FORM

MEMBER or ACTIVE APPLICANT presenting technical talk or poster
receives **FREE REGISTRATION**

DEADLINE: OCTOBER 1st, 2019

Presentation Title:

Presenting Author:

Author Affiliation:

Phone Number:

Email:

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

Scientific Session: Biology/DNA Drug Chemistry Toxicology Criminalistics/CSU & Digital Evidence
Trace/Arson and Explosives Educator's Forum Poster

NEAFS membership #:

Active Applicant

Vendor

STUDENTS ONLY:

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 Graduation Date:

INSTRUCTIONS: Complete this form and email to the Program Chair and appropriate Session Chair.

STUDENTS ONLY: If this 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 need

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.*

Program Chair:

Maria Tsocanos

Presidentelect@neafs.org

Biology/DNA:

Yvette Lussoro

Yvette.Lussoro@suffolkcountyny.gov

Drug Chemistry:

Sabra Botch-Jones

sabraaj@bu.edu

Toxicology:

Vijayalaxmi Radkar

var2@westchestergov.com

Criminalistics/CSU & Digital Evidence:

Roberta Westerman

roberta.westerman@state.ma.us

Trace/Arson and Explosives:

Diana Vargas

Diana.vargas@nypd.org

Educator's Forum:

Sandra Haddad

S.Haddad@yahoo.com

Poster:

Melissa Smith

mschemist12@gmail.com

Students Only:

Peter R. De Forest Student Competition: Sandra Haddad

S.Haddad@yahoo.com

PLEASE NOTE: All presenters must register for the meeting and make full payment.

After the annual meeting, presenters that qualify must submit proper forms for reimbursement of the registration fee. Further details regarding reimbursement will be given by the session chair.

ABSTRACT

Please type abstract in area below

You will be notified whether your abstract is approved as is, approved with suggested modifications, or not selected. It is recommended that abstracts be from 250 to 500 words and must accurately reflect the content of the presentation.

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.



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about the QuEChERS approach!**

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.

BATTLING THE PROLIFERATION
OF **DRUGS** IS NOT EASY.

IDENTIFYING THEM CAN BE.

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PRESIDENT'S RECEPTION

NEAFS 2019 ANNUAL MEETING

A LITTLE PARTY NEVER KILLED NOBODY

11.15.19 | 7:30-11:30

THEME: **ROARING
TWENTIES**
DRESS TO IMPRESS!



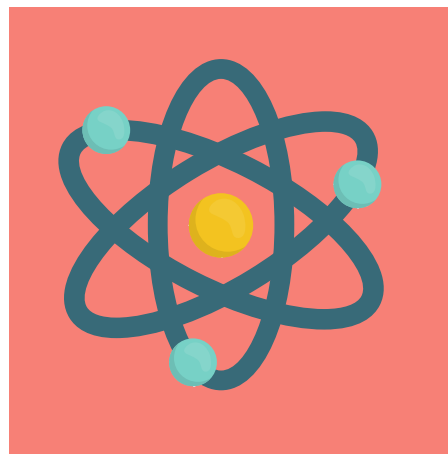
GEORGE W. CHIN COLLEGIATE CUP AND STUDENT FORUM



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
9:00AM - 12:30PM

Chair: Sandra Haddad -education@neafs.org

[HTTPS://WWW.NEAFS.ORG/EDUCATORSFORUM](https://www.neafs.org/educatorsforum)

At this year's Annual Meeting!

*Relax,
clear your mind*

YOGA



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!

Congratulations to Jennifer Paris

Jennifer Paris is a Criminalist II in Drug Chemistry and Clandestine Laboratory Investigation with the New Hampshire State Police Forensic Laboratory. Earlier this year Jennifer was informed that her certification as a Drug Chemistry Fellow had been approved by ABC Board of Directors of the American Board of Criminalistics.

NEAFS would like to congratulate her on this achievement and wish her continued success.

Jennifer passed the ABC examination and took advantage of the Certification Reimbursement offered to NEAFS members. You can too. See below for more information.

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 2019. 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.

**There will be an ABC examination sitting
at the
2019 Annual NEAFS Meeting**

on

Wednesday, November 13th

from

8:00 a.m. – 12:00 p.m.

The following are current examinations that are offered:

Comprehensive Criminalistics Examination (CCE)

Drug Analysis (DA)

Molecular Biology (MB)

Fire Debris Analysis (FD)

Hairs and Fibers (HF)

Paints and Polymers (PP)

For more information about the examination sitting, please contact Peter Diaczuk at certification@neafs.org.

For more information about the examination and the American Board of Criminalistics, please visit <http://www.criminalistics.com>.

Green ountain DNA Conference

The Green Mountain DNA Conference provides a forum for the promotion of education and research while improving practice and encouraging collaboration in the field of forensic sciences. For more information about the Green Mountain DNA Conference, download our [Mission Statement](#).

The 2019 Green Mountain DNA Conference will be held at the DoubleTree by Hilton Burlington Hotel in Burlington, Vermont.

2019 Dates

- July 31-August 2, 2019

Agenda

- An agenda for the 2019 meeting is not available at this time.

Registration - \$300

- Registration is not open at this time but is expected to go live at noon on April 9th. If you would like to be added to the mailing list, please contact the laboratory.



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:

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 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: _____

*Visit neafs.org
under the
merchandise
tab!*



GET YOUR NEAFS GEAR!

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. 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, 2019 to December 31st, 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 any other non-NEAFS related entity, we highly encourage your swift application for the 2019 Training Scholarship Fund. Please visit the NEAFS [training](#) website to take advantage of this great NEAFS opportunity and to view upcoming training opportunities!

Upcoming Training

July 2019

Crime Scene Reconstruction Course

Forensic Science Training Institute, Cedar Crest College, Allentown, Pennsylvania

Instructors: Dr. Mark Reynolds

July 29 – August 2, 2019

This course will provide attendees with an understanding of fundamental science and how it can be applied to case specific reconstructive efforts so that experimentally derived data and reconstructive determinations are reliable, defensible, and most importantly, case circumstance specific. Upon course completion attendees will be able to describe reasoning models involved in reconstructive efforts, identify and evaluate case specific assumptions and limitations, explain the compilation, reporting and delivery of expert reconstructive outcomes and recognize and avoid the dangers of “early theory development”.

Workshop description and registration: <https://www.cedarcrest.edu/forensic/19/3.htm>

For questions or information regarding the course content, please contact Mark Reynolds, renoforesics1@gmail.com. For questions on registration, please contact Sheila Heller, syheller@cedarcrest.edu.

August 2019

Advanced Scene Based Bloodstain Pattern Analysis Training Course

Forensic Science Training Institute, Cedar Crest College, Allentown, Pennsylvania

Instructors: Dr. Mark Reynolds APM & Sergeant Dave Spivey MSFS

August 12 – 16, 2019

This course is designed for experienced crime scene investigators and forensic scientists who have scene-based casework experience, have completed a 40-hour basic BPA course and who perform complex BPA scene examinations from which they provide expert opinions. The format of the course is such that participants will be able to immediately implement the knowledge gained from its content into their daily casework activities.

Full Workshop description and registration: <https://www.cedarcrest.edu/forensic/19/4.htm>.

For questions or information regarding the course content, please contact Mark Reynolds, renoforesics1@gmail.com. For questions on registration, please contact frnwksbp@cedarcrest.edu.

August 2019

Outdoor Scene Processing and Forensic Archaeology Keystone College Professional Development Institute, La Plume, PA August 5 and 6, 2019

Forensic archaeology applies archaeological methods to crime scene examination and human remains recovery to increase the amount of recovered evidence at a scene and improve the chances of an investigative lead. Forensic archaeology provides practical, hands-on field experience to law enforcement officers, crime scene personnel, death investigators and archaeologists. Topics covered include forensic protocols, crime scene documentation, human remains recovery, evidence integrity, and expert testimony.

Workshop Description and Registration: <https://www.keystone.edu/project/outdoor-scene-processing-forensic-archaeology/>

Advanced Fire Debris Analysis for the Forensic Chemist offered by The Bureau of Alcohol, Tobacco, Firearms and Explosives ATF's Forensic Science Laboratory-Washington located in Ammendale, Maryland August 19-22, 2019

This course is designed for analysts with more than three years of experience in conducting fire debris casework. This course will expand upon the topics covered in the ATF's Introductory Fire Debris Analysis for the Forensic Chemist course, providing additional tools and considerations for fire debris analysis, as well as introducing concepts in fire investigations. The Introductory class is not a prerequisite for the Advanced class. There is no tuition for the course, but participant's agency must cover all travel and per diem costs.

The deadline for submitting an application for the course is May 1, 2019. Applicant's will be notified of their status for the class by mid-May.

[Download the Application.](#)



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 submit all inquiries, applications and supporting documentation to: awards@neafs.org.



NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS

TRAINING SCHOLARSHIP FUND

PRE-APPROVAL APPLICATION

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

Applicant Information

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

Training Information

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

 Attendance Benefit to Applicant: _____

Expenses

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

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

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

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

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

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



NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS

TRAINING SCHOLARSHIP FUND

REIMBURSEMENT APPLICATION

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

Applicant Information

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

Training Information

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

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

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

Reimbursement Information

Expense(s) Incurred: _____

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

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

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

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

Historical facts – NEAFS

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

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

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