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## NEAFS Newsletter

VOLUME 28, ISSUE 2

SUMMER 2003

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**COME AND JOIN US !!!  
NEAFS 29TH ANNUAL MEETING  
NOVEMBER 5 – 8, 2003  
CROWNE PLAZA HOTEL / RESORT  
PITTSFIELD, MASSACHUSETTS**



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### **BOARD OF DIRECTORS FOR 2002**

**PRESIDENT:****Christopher Huber**

NJSP Central Laboratory

Tel: (609) 671-0022; Fax: (609) 671-0037

**PRESIDENT-ELECT:****Jennifer Limoges**

NYSP Forensic Investigation Center

Tel: (518) 457-9611; Fax: (518) 457-2477

**SECRETARY:****Tammi Jacobs Shulman**

Westchester County Forensic Laboratory

Tel: (914) 231-1804; Fax: (914) 231-1798

**TREASURER:****Kevin McMahon**

N.H.S.P. Crime Laboratory

Tel: (603) 271-3573; Fax: (603) 271-1086

**DIRECTORS:****Dennis Hilliard**

R.I. State Crime Laboratory

Tel: (401) 874-2893; Fax: (407) 874-2181

### **STAFF MEMBERS FOR 2002**

**Executive Secretary:**

Anita Vailonis

CPS Forensic Science Laboratory

Tel: (203) 639-6400; Fax: (203) 639-6485

**Past-President:**

Mary M. Eustace

Westchester County Forensic Laboratory

Tel: (914) 231-1810; Fax: (914) 231-1798

**Site Chair:**

George W. Chin

NJSP Central Laboratory

Tel: (609) 671-0022; Fax: (609) 671-0037

**Education Chair:**

Edward Bernstine

Agawam Crime Laboratory

Tel: (413) 786-6163; Fax: (413) 784-1174

**Ethics Chair:**

Ted R. Schwartz

Westchester County Forensic Laboratory

Tel: (914) 231-1810; Fax: (914) 231-1798

**Adrian Krawczeniuk**

DEA Northeast Laboratory

Tel: (212) 620-3473; Fax (212) 620-3585

**Elayne Schwartz**

Westchester County Forensic Lab

Tel: (914) 231-1810; Fax: (914) 231-1798

**Membership Chair:**

David San Pietro

Westchester County Forensic Lab

Tel: (914) 231-1810; Fax: (914) 231-1798

**ABC Certification:**

Bharat Lakhkar

Westchester County Forensic Lab

Tel: (914) 231-1810; Fax: (914) 231-1798

**Awards:**

Laura Tramontin

NJSP Central Laboratory

Tel: (609) 671-0022; Fax: (609) 671-0037

**PUBLICATIONS COMMITTEE****CHAIR:****Mary M. Eustace**

Westchester County Forensic Laboratory

10 Dana Road, Valhalla, New York 10595

Tel: (914) 231-1810; Fax: (914) 231-1798

E-mail: [mme1@westchestergov.com](mailto:mme1@westchestergov.com)**STAFF:**

Lenore Kodet

Yonkers Police City Laboratory

Clyde Liddick

PA State Police Lab

Peter Diaczuk

Photographer

**Dan Rothenberg, Webmaster**

Westchester County Forensic Laboratory

E-mail: [dr5@westchestergov.com](mailto:dr5@westchestergov.com)

Brandi Benjamin

Westchester County Forensic Laboratory





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## UPCOMING EVENTS

**The Fall Bloodstain Evidence Institute** will be held September 22 – 26, 2003 in Corning, NY.

Those interested should contact:

Professor Herbert Leon MacDonell, Director  
Bloodstain Evidence Institute  
P.O. Box 1111  
Corning, NY 14830  
(607) 962-6581  
[forensic@localnet.com](mailto:forensic@localnet.com)

### **NWAFS 2003 FALL MEETING**

You are cordially invited to attend the NWAFS Fall Meeting and Oktoberfest, October 13 –17, 2003 at the Embassy Suites Portland Downtown. This meeting is hosted by the Oregon State Police Forensic Laboratories.

Det. Sgt. Joe Blois of the NYPD Crime Scene Unit will present “Perspectives on the World Trade Center Crime Scene After September 11, 2001” at the general meeting technical session, Thursday, October 16.

Contact Information: Rhonda Banks  
OSP Forensic Lab – Portland  
Tel: (503) 229-5017 x228  
Fax: (503) 229-6638  
[rhonda.banks@state.or.us](mailto:rhonda.banks@state.or.us)

Devon Sommer  
OSP Forensic Lab - Portland  
Tel: (503) 229-5017 x326  
Fax: (503) 229-6638  
[devon.sommer@state.or.us](mailto:devon.sommer@state.or.us)

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## BOARD OF DIRECTORS MEETING May 3, 2003

1. Meeting called to order @ 10:35 am

Members present:	Christopher Huber	Tammi Jacobs Shulman	George W. Chin
	Mary Eustace	Adrian Krawcezeniuk	Bharat Lakhkar
	Jennifer Limoges	Elayne Schwartz	

**2. SECRETARY’S REPORT (Tammi Jacobs Shulman)**

Minutes from the 02/08/03 Board of Directors meeting were reviewed; corrections noted.

Motion made and passed to accept the report (as amended).

### **3. TREASURER'S REPORT** (Chris Huber for Kevin McMahon)

The financial report for January 1, 2003-March 31, 2003 was reviewed:

Checking \$14,997.55

Savings \$12,517.31

Treasurer should have more of a role in the financial commitments made for annual meetings. Last minute changes in group payments and cancellations have cost NEAFS a significant amount of money. Therefore, it was proposed (at the 01/03 board meeting) that NEAFS must establish a formal cancellation /refund policy for meeting registrations, and purchase orders will no longer be accepted for registrations. Our refund policy will follow the Academy guidelines.

Price for JFS subscriptions available through the AAFS has been increased from \$65.00 to \$80.00.

480 members have paid their dues to date. 77 members have yet to pay their 2003 membership dues.

2002 corporate income tax information is at the accountant's for processing.

Motion made and passed to accept the report.

### **4. DIRECTORS REPORTS**

Dennis Hilliard No Report

Elayne Schwartz No Report

Adrian Krawczeniuk: NEAFS needs to develop a five- year plan for our organization. It is felt that this move would strengthen our organization financially. Adrian will look into how other organizations have accomplished this.

Motion made and passed to accept the report.

### **5. COMMITTEE REPORTS**

#### **a. MEMBERSHIP** (Chris Huber for Dave SanPietro)

No Report.

Motion made and passed to accept the report.

#### **b. PUBLICATIONS** (Mary Eustace)

Newsletters were sent out in February. Fifty people received their newsletter online which saved NEAFS approx. \$200.00.

This coming newsletter should go to the printer on Wednesday; the following newsletter will go out sometime near the beginning of August.

Jennifer has requested titles for all papers to be presented at this years meeting be sent to her by August 1, 2003, even if the abstract is not completed yet. She will publish these in the August newsletter.

#### **WEBSITE** (Mary Eustace for Dan Rothenberg)

The first newsletter was offered online, no problems reported.

Motion made and passed to accept the report.

**c. EDUCATION** (Mary Eustace for Ed Bernstein)

Workshop to be offered at the meeting to target colleges and high schools who teach introduction to Forensic Sciences courses.

There will also be a gun shot reconstruction course at the meeting.

Motion made and passed to accept the report.

**d. CERTIFICATION** ( Bharat Lakhkar )

A Special ABC GKE exam sitting is scheduled at John Jay College for 5/30/03.

ABC Board Meeting was held in Chicago on February 16-17,2003. Based on the minutes of the ABS Board meeting the following points were noted: -ABC had not received the membership dues from NEAFS as of the meeting date.

-ABC has started sanctioning training coourses for obtaining double the regular points for recertification. The instructors desirous of getting their courses approved should contact the Registrar of ABC.

-ABC is applying for a significant grantt from NIJ for supporting certification.

-Four Boards including ABC, QD, and Engineering have provided mock applications to the FSAB ( Forensic Specialty Accreditation Board.). If things go as expected, ABC may be the first to be accredited in February 2004.

-A proposal to allow Fellows or Technicaal Specialists to maintain their status (when they cannot take proficiency tests or when they are out of the field), for a limited period, is under consideration.

-Ed Rhodes Award scheme has been finalized. The award is for Waver of the examination fee for GKE test. The details as well As forms will be received by NEAFS soon.

-Two (2) cups, two (2) caps and one (1) shirt will be made available to NEAFS once a year for distribution as door prices.

-TWGED has almost completed writing guiddelines on how to put an undergraduate program together in Forensics. FEPAC (Forensic Educational Programs Accreditation Committee) will accredit universities using TWGED guidelines will request from AAFS to become a commissioner and a standing Committee. They will try to accredit five pilot schools this Year. Their goal is to accredit 30 to 35 programs by 2004-2005. They expect direct funding from NIJ.

-The Fire Debris Specialty Exam has beenn thoroughly revamped. It is planned to pilot it at the SWGFEX meeting in Emmetsburg, Maryland this November. There will be no cost to sit for the test.Motion made and passed to accept the report.

**e. AWARDS** (Chris Huber for Laura Tramontin)

The awards committee received 8 undergraduate and 4 graduate applications.

Applications are currently being reviewed for eligibility requirements.

Laura sent a question to the board asking the organization's reason for limiting the award to juniors and seniors. She was also concerned that if the winner was a senior, we may not be able to contact them because they would have already graduated.

Tammi Jacobs Shulman, past awards chair, was able to address these issues for the Board and will contact Laura with the explanations.

Motion made and passed to accept the report.

**f. Ethics** (Ted Schwartz)

-No report.

**g. Site** (George W. Chin)

George, Jennifer Limoges, and Kevin McMahon visited the 2003 site in Pittsfield, MA.

George W. Chin and Tammi Jacobs Shulman will be going to Mystic to look at the site for the 2004 meeting.

Motion made and passed to accept the report.

**6. Staff Reports**

**a. Executive Secretary** (Chris Huber for Anita Valonis)

No report.

Motion made and passed to accept the report.

**7. 2003 Annual Meeting** (Jennifer Limoges)

Jennifer had a question as to whether or not Universities are allowed to advertise at our registration area, and if they are, should we charge them a fee.

The Board decided that we would have a University booth set up near the registration area for flyers and brochures. A representative from the school must register for the meeting and that person is responsible for the flyers and brochures. NEAFS must be informed of the name of the contact person. There will be no charge to the schools at this years meeting. If there is enough interest in 2004, we may charge each school for the space. Elayne will send out a letter to each school in our area, asking if they would be interested in participating in obtaining a booth.

General information for the 2003 meeting:

Room rate is \$99.00 per night. The room block expires one month before the meeting. Anyone who registers after the block will have to pay more for their room- but NEAFS will still get credit for their room.

We will use the hotels AV equipment company vs. the hotels limited available equipment.

The Welcome Reception and Presidents Reception will not be an open bar. We will give out a designated amount of tickets in the registration packets that can be applied toward the purchase of beer, wine, and non-alcoholic beverages. Mixed drinks will be available but will have to be purchased separately.

The benefit of using drink tickets is that we will know the cost of the bar bill ahead of time avoiding a possible financial loss.

Cost for students at the luncheon will be known shortly.

Crane Paper Company will provide a tour of their manufacturing plant. Crane is the sole manufacturer of U.S. currency. This tour will only be available to questioned document examiners.

Exhibits:

Exhibitors must pay \$500.00 per booth. Included with the booth for this price is a web link from our NEAFS website.

Other discussions on generating revenue with exhibitors:

For a \$1000.00 fee, the exhibitor’s company name will be in the newsletter every time and they will receive a discount.

If they exhibit at a meeting they will get a mailing list of attendees; or get names of our directory.

Offering links with an expiration date just for exhibitors.

Jennifer will be receiving a mailing list from Chris Chany of all exhibitors. She will forward it to everyone so that people can contact companies they deal with who are not already on the list.

Jennifer will try to have the projected expenses for the meeting by the next board meeting.

Motion made and passed to accept the report.

**8. Old Business** (Chris Huber)

-There was no additional old business.

**9. New Business** (Chris Huber)

a. Adrian Krawczeniuk for Ray VanOrden:

Ray has looked into getting clothing with an embroidered NEAFS logo. He was told that the NEAFS logo we use is too detailed. There are problems when trying to enlarge the logo. Ray will bring shirts to the next board meeting. He would like the Board to decide on what type of shirts to order.

It was decided that a couple of shirts will be given out as door prizes at the next meeting.

Motion made and passed to accept the report.

Next Board meeting will be Aug. 23, 2003 at 10:30 am.

**Meeting adjourned at 12:42 pm.**

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Board of Directors Meeting  
Westchester County Forensic Laboratory  
Valhalla, NY 10595  
August 23, 2003

**Treasurer’s Report**  
**April 1, 2003- June 30, 2003**

<b>I BALANCES FORWARDED:</b>		\$27,514.86
	á Checking:	14,997.55
	á Savings:	12,517.31
<b>II RECEIPTS:</b>		
	Membership	\$3,485.00

	Dues	\$3,235.00	
	Application fees	\$30.00	
	Late fees	\$250.00	
Subscription (JFS)			\$85.00
á interest:			\$34.41
	á Checking:	\$10.98	
	á Savings	\$23.43	
	<b>TOTAL RECEIPTS:</b>		<b>\$3,604.41</b>
<b>III EXPENSES:</b>			
2002 Annual Meeting			\$1,367.89
•President-Elect		\$1,339.26	
	program booklet printing	657.20	
	registration travel mugs	682.06	\$292.17
•Site Chair		28.63	\$208.00
President-elect			\$124.24
Treasurer			\$685.00
	2002 corporate tax preparation fee:	440.00	
	Postage:	245.00	
Publications			\$1,576.15
	Printing	\$1,128.10	
	Postage	\$324.39	
	Website	\$59.75	
	Film processing	\$63.91	
Site Chair			\$447.80
Subscriptions (JFS)			\$85.00
	<b>TOTAL EXPENSES:</b>		<b>\$4,286.08</b>
<b>IV ENDING BALANCES:</b>			\$26,833.19
	á Checking:	14,292.45	
	á Savings:	12,540.74	

Respectfully submitted,  
Kevin G McMahon Treasurer

SCIENTIFIC SESSIONS

BIOLOGY



**Less is More: Validation of a Reduced Volume Amplification Protocol**

Kevin MacLaren, Elayne Schwartz, Robert Adamo, Bharat Lakhkar, and Frederick Drummond  
Westchester County Forensic Science Laboratory

**Evaluation of Automated AluQuant™ Human DNA Quantitation System for Forensic Sample Analysis.**

Anthony Reddy, Ph.D, and Barry Duceman, Ph.D  
New York State Police Forensic Investigation Center

**Northeast Regional Forensic Institute (NERFI): A Model Regional Center of Excellence Established to Enhance Education, Training and Research in Forensic Science**

D.D. Orokos, B.J. Laurenzi, K. Coonrod\*, G.M. Zeosky\* and C.F. D'Elia  
Department of Biological Sciences, University at Albany  
\*New York State Police Forensic Investigation Center, Albany, NY

**An Automated Extraction Method for Low Copy Number DNA Samples**

Linnea Schiffner, James Sebestyen, Robert Shaler, Mechthild Prinz, and Theresa Caragine.  
The Department of Forensic Biology, The Office of the Chief Medical Examiner of the City of New York, New York

**Utilization of Enhancement Software for Visual Analysis in Two and Three Dimensions**

Jill Ennis and Ira Titunik, D.D.S.  
John Jay College of Criminal Justice

**Whole Genome Amplification of DNA from a Limited Source by Phi29 DNA Polymerase**

Michael Reagin  
Amersham Biosciences

**Validation of a STR Multiplex Typing System for Genetic Individualization of Domestic Cat Samples**

Nikia Coomber\*, Victor A. David\*\*, Stephen J. O'Brien\*\*, Marilyn Menotti-Raymond\*\*  
\*SUNY at Albany, Department of Biological Sciences, Albany, NY  
\*\*Laboratory of Genomic Diversity, National Cancer Institute, Frederick, MD 21702

**Alleged Incest Under Varying Hypothetical Familial Relationships – A Case Study**

Denis Michaud  
Biology Section, Centre of Forensic Sciences, Toronto, Ontario, Canada

**Crime Scene Forensics**

Sr. Inv. Thomas Martin  
New York State Police Troop K Headquarters, Poughkeepsie, NY

**Anne Walsh – NYS DOH – forensic identity**

MSP

NYS DOH Bioterrorism, Steve Hogan

**CRIMINALISTICS****Applications of Raman Spectroscopy in the Crime Lab**

Rich Carl, Ph.D.\* and Linda De Noble\*\*  
Thermo Electron Corporation  
New Hampshire Department of Public Safety

**Resource Guide for Users of Science and Technology and The National Clearinghouse for Science,**

**Technology and the Law**

Carol Henderson, JD\*, Anjali R. Swienton, MFS, JD\*\*

\*National Clearinghouse for Science, Technology and the Law, Stetson University College of Law, Gulfport, FL

\*\*SciLawForensics, Ltd., Germantown, MD

**Use of Visible and Near-Infrared Dyes for the Detection of Trace Evidence**

Gabor Patonay\*, Lucjan Strekowski\*, Maryam Hojjat\*, Josef Salon\*, James John Krutak\*\*, Jeffrey Leggitt\*\*, Avron Hecht\*\*, Heather Seubert\*\*\*, Rhonda Craig\*\*\*

\*Department of Chemistry, Georgia State University, Atlanta, GA

\*\*Federal Bureau of Investigation, FBI Academy, Quantico, VA

\*\*\*Federal Bureau of Investigation, Washington, DC

**The Rapist That Never Learned the “Ropes”**

Ted Schwartz, David San Pietro, Daniel Rothenberg, Robert Adamo, Frederick Drummond

Westchester County Forensic Laboratory

Pepper Spray Residue, Gabor Patonay, GSU

Ed Bernstine / anthropologist – grid search

**DRUG CHEMISTRY****Identifying Plant Resin/Incenses**

Jim Wesley

Monroe County Crime Lab, Rochester, NY

**Avoiding Therapy During a LIMS Implementation**

David Snyder

Keene, Inc., Albany, NY

**The Best Method for Extracting Psilocybin and Psilocin from Hallucinogenic Mushroom Material**

Ray VanOrden

Onondaga County Center for Forensic Science, Syracuse, NY

**National Forensic Laboratory Information System (NFLIS)**

Michael R. Baylor, PhD\*, Liqun Wong\*\*, Frank L. Sapienza\*\*, Kevin J. Strom, PhD,\* and J. Valley Rachal\*

\*Research Triangle Institute, Research Triangle Park, NC

\*\*Drug Enforcement Administration, Arlington, VA

**Evaluation of a Simple LC-MS Method for the Detection of the Recreational Drug, GHB and Its Analog, Gammabutyrolactone (GBL)**

Julie Marr, Ph.D., Agilent Technologies, Inc., Andover, MA

**QUESTIONED DOCUMENTS****Quantifying Handwriting Individuality**

Sargur Srihari

Center of Excellence for Document Analysis and Recognition (CEDAR), State University of New York at Buffalo

**Utilizing Spectroscopy in the Differentiation of Inks**

Laura Mancebo, Dennis Ryan

**Using Intensity Surface Maps to Further Image Understanding**

Wm. Paul Rogers

Limbic Systems Inc, Bellingham, WA

**Foster & Freeman's New VSC-5000 Document Examination Workstation**

David Tobin

Foster & Freeman USA

**TOXICOLOGY****Comparison of an Automated Extraction Procedure for Heroin and its Metabolites in Oral Fluid Using a Quadrupole-Ion-Trap Mass Spectrometry Technique with a Triple Quadrupole-Mass Spectrometry Technique**

Dean F. Fritch\*, Keith Kardos\*, R. Sam Niedbala\* Nadine Koenig\*\*, Paul Davis\*\*, Joanne Sell\*\* and Joe Clarke\*\*\*

\* OraSure Technologies, Inc., Bethlehem, PA

\*\* Health Network Laboratories, Allentown, PA

\*\*\* Altrix Healthcare PLC, Cheshire, UK

**The Red Bull Reality**

Jim Wesley

Monroe County Crime Lab, Rochester, NY

**Ethyl Glucuronide**

Dr. Ed Barbieri

National Medical Services, Willow Grove, PA

**The Separation and Quantitation of Quinine and Quinidine by LC/MSD and LC/DAD**

Ray VanOrden

Onondaga County Center for Forensic Science, Syracuse, NY

**Using LIMS to Automate Testing Procedures**

David Loomis

Keene, Inc., Albany, NY

Perkin Elmer, Lee Marotta ??

**POSTER****PCR Optimization and Sequencing of Y Chromosome STRs**

Sunjeev Konduru, B.S\*, Beverly Hart, B.S\*\*, Anne Walsh, Ph.D\*\*

\*State University of New York at Albany, Department of Biology

\*\*New York State Department of Health, Forensic Identity Unit, Wadsworth Center, Albany, NY

**Validations Studies of Saliva Stain Mapping Technique**

Melissa Smith

**Digital Photography of Luminol & The Alternate Light Source**

Keith A Mancini, Kevin MacLaren, Robert Adamo

Westchester County Forensic Laboratory

**Analysis of Quinine in Blood using SPE and HPLC-PDA/FLD**

N.Quartier and J.J. Hackett

O.C.H.D. Forensic Toxicology Laboratory, Center for Forensic Sciences, Syracuse, NY

**Aerial Views of Investigation Scenes Using GIS Technology**

M. Thomas Quail MS Ed, R.N., LNC

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**NEAFS 29<sup>th</sup> ANNUAL MEETING**

**November 5-8, 2003**

**Crowne Plaza Hotel, Pittsfield, MA**

## **Program Guide To Events and Workshops**

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### **PROGRAM COMMITTEES**

Program Chairperson	Jennifer Limoges NYSP Forensic Investigation Center 518-457-0054 <a href="mailto:jlimoges@troopers.state.ny.us">jlimoges@troopers.state.ny.us</a>
Exhibits	Chris Chany (Westchester Co Forensic Lab) Mike Portzer (NYSP Forensic Investigation Ctr)
Registration	Christine Chiesa (DEA Northeast Lab)
Site	George Chin (NJSP)

### **SESSION CHAIRS**

Forensic Biology	Allison Eastman NYSP Forensic Investigation Ctr	Tel: 518-591-8403 <a href="mailto:aeastman@troopers.state.ny.us">aeastman@troopers.state.ny.us</a>
Criminalistics	Dan Rothenberg Westchester Co Forensic Lab 10 Dana Road Valhalla, NY 10595	Tel: 914-231-1630 Fax: 914-231-1798 <a href="mailto:drr5@westchestergov.com">drr5@westchestergov.com</a>
Drug Chemistry	Jim Wesley Monroe County Crime Laboratory	Tel: 585-428-3439 <a href="mailto:jwesley@frontiernet.net">jwesley@frontiernet.net</a>
Questioned Documents	Bonnie Michon NYSP Forensic Investigation Ctr	Tel: 518-457-1208 <a href="mailto:bmichon@troopers.state.ny.us">bmichon@troopers.state.ny.us</a>

Toxicology	Colleen Scarneo N.H. Public Health Laboratories	Tel: 603-271-8468 <a href="mailto:CScarneo@dhhs.state.nh.us">CScarneo@dhhs.state.nh.us</a>
Poster	Chris Montagna Maine Health & Environ Testing Lab	Tel: 207-287-2727 <a href="mailto:chris.montagna@state.me.us">chris.montagna@state.me.us</a>
ABC Exam	Bharat Lahkhar Westchester Co Forensic Lab	Tel: 914-231-1630 <a href="mailto:BNL1@westchestergov.com">BNL1@westchestergov.com</a>

**WORKSHOP CHAIRS**

Crime Scene	Ed Bernstine	MSP, Agawam Crime Lab 413-786-6163 <a href="mailto:Edward.Bernstine@pol.state.ma.us">Edward.Bernstine@pol.state.ma.us</a>
Forensic Educators	Mary M. Eustace	Westchester Co Forensic Lab 914-231-1810 <a href="mailto:mme1@westchestergov.com">mme1@westchestergov.com</a>
Analytical Chemistry	TBA	

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**Meeting Highlights**

This year's meeting is located in the heart of the Berkshires in Pittsfield, Massachusetts. The Crowne Plaza is located in downtown Pittsfield and features a solar-domed indoor heated swimming pool, fitness center, sauna, and jacuzzi. The luncheon will be held in the top floor banquet room featuring a panoramic view of the scenic Berkshires. Area attractions include the Norman Rockwell Museum and Hancock Shaker Village, outlet shopping, and various golf and outdoor activities.

The scientific sessions can only succeed with your participation, so why not share that interesting case or new method with your peers? The meeting will also feature several workshops, two exciting general sessions (described

below), and a unique opportunity for QD examiners to tour the Crane & Co facility.

On behalf of all those involved with the planning of the 29<sup>th</sup> annual meeting, I ask you to join us in the Berkshires catch up with old colleagues, network with new peers, and expand your knowledge. NEAFS meetings are always the right balance of science and fun!

### **Presentation & Demonstration of the Teleforensics Concept in Remote Applications**

Friday, November 7, morning session

The NYSP, MSP, NASA, NIJ co-sponsored "Teleforensics" program will be featured. In the first set of presentations, the use of NASA's space technologies for remote X-Ray sensing of primer residues, biological fluids and other trace evidence will be described. This technology development application will be followed by a presentation on the use of a truck-mounted telecommunications package to digitally capture, store and move crime-scene, mass casualty, WMD and terrorism-related images and data from remote locations to central command and expert sites. The presentations will be followed by a tour and demonstration of the teleforensics truck and X-ray device. Come see some future forensic tools in their developmental stages!

**Presenters:** Commander Michael Czerwinsky(1); Al Harper(2), Ph.D., JD; James Kennedy(3); Jeffrey Schweitzer(4), Ph.D; Carl Selavka(5), Ph.D.; Inspector Gerald Zeosky(3), MPA

(1)El Paso Police Department, El Paso, TX; (2)Henry C. Lee Institute, University of New Haven, New Haven, CT; (3)New York State Police Forensic Investigation Center, Albany, NY; (4)University of Connecticut, Storrs, CT; (5)Massachusetts State Police Crime Laboratory, Sudbury, MA

**Contributing Team Members:** Jacob Trombka(6), Ph.D.; Samuel Floyd(6); Elyse Gottschang(6), MFS; James Marie(4), MS; W. Mark Dale(7), MS; Norman Gahn(8), JD; Yossi Eisen(2); Raymond Kimble(9)  
(6)Goddard Space Flight Center, Greenbelt, MD; (7)New York City Police Department Forensic Laboratory, Queens, NY; (8)State Attorney General's Office, Milwaukee, WI; (9)National Institute of Justice, Washington, DC

### **Clandestine Methamphetamine Lab Investigations...**

#### **...From Cop to Chemist**

Friday, November 7, afternoon session

The clandestine manufacture of methamphetamine poses serious procedural and safety issues for law enforcement. An overview of basic clan lab awareness will be covered, including history, national and local trends, recognition, and safety. This will be followed by an in-depth look at the role of the chemist: from the crime scene, to the laboratory, to the courtroom.

**Presenters:** Captain Richard Nuzzo, Brian Meinweiser, David Wurtz  
New York State Police Forensic Investigation Center, Albany, NY

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## **PRELIMINARY MEETING SCHEDULE**

### **Wednesday, November 5, 2003**

9:00 am - 5:00 pm Workshop: Reconstruction of Shooting Crime Scenes

9:00 am - 5:00 pm Workshop: FTIR Spectroscopic Techniques - Applications to Illicit Drugs and Trace Evidence Analysis

### **Thursday, November 6, 2003**

8:00 am – 10:00 am Registration

9:00 am – 12:00 pm Workshop: Reconstruction of Shooting Crime Scenes (continued)

8:30 am – 12:00 pm Drug Chemistry Scientific Session

8:30 am – 12:00 pm Biology Scientific Session, Part I

10:00 am – 10:30 am Break

12:00 pm – 5:00 pm Exhibits

12:30 pm – 2:00 pm Registration

1:00 pm – 5:00 pm Toxicology Scientific Session

1:00 pm – 5:00 pm Biology Scientific Session, Part II

2:00 pm – 6:00 pm ABC GKE Exam

2:30 pm – 3:00 pm Break

5:00 pm – 6:30 pm Welcome Reception / Poster Session (in Exhibits Area)

6:30 pm – 9:00 pm Board of Director's Meeting

### **Friday, November 7, 2003**

8:30 am – 10:30 am Registration

8:00 am – 3:00 pm Exhibits

8:00 am – 12:00 pm General Session: Teleforensics

9:30 am – 9:45 am Break

12:00 pm – 2:00 pm Luncheon

2:00 pm – 3:00 pm Registration

2:00 pm – 5:00 pm General Session: Clandestine Methamphetamine Labs

3:30 pm – 3:45 pm Break

1:00 pm – 5:00 pm Crane & Company Tour (QD Examiners)

5:00 pm – 6:00 pm Business Meeting

8:00 pm – 12:00 am President's Reception

### **Saturday, November 8, 2003**

8:30 am – 10:30 am Registration

8:30 am – 4:30 pm Workshop: Forensic Educators

8:30 am – 12:00 pm Criminalistics Scientific Session

8:30 am – 12:00 pm Questioned Documents Scientific Session

10:00 am – 10:30 am Break

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## **CROWNE PLAZA PITTSFIELD**

**800-227-6963 or 413-499-2000**

### **RESERVATIONS:**

Room Rate:

\$99/night single/double

\$114/night triple

\$129/night quad

+ 9.7% tax

**Group code: "NJS"**

Check In: 3:00 p.m.

Check Out: 12:00 p.m.

*The group rate is valid through October 4, 2003.*

**DIRECTIONS:**

**New York City:** Taconic State Parkway North to Chatham, NY. Exit on Rte. 295 East to Rte. 41. Make a left onto Rte. 41 and follow until intersection with Rte. 20 East. Make a right onto Rte. 20 East and follow to Rte. 7 North. Make a left on Rte. 7 North and follow to rotary (Park Square) in center of downtown Pittsfield. Go  $\frac{3}{4}$  of the way around rotary and continue straight through the traffic light onto West Street. The hotel is on the left.

**New Jersey:** Garden State Parkway to Taconic State Parkway North. Exit on Rte. 295 East to Rte. 41 and follow until intersection with Rte. 20 East. Make a right onto Rte. 20 East and follow to Rte. 7 North. Make a left on Rte. 7 North and follow to rotary (Park Square) in center of downtown Pittsfield. Go  $\frac{3}{4}$  of the way around rotary and continue straight through the traffic light onto West Street. The hotel is on the left.

**Hartford:** I-91 North to Exit (I-90 West). I-90 West to Exit 2. Turn right onto Rte. 20 West, follow to Rte. 7 North. Follow Rte. 7 North to rotary (Park Square) in center of downtown Pittsfield. Go  $\frac{3}{4}$  of the way around rotary and continue straight through the traffic light onto West Street. The hotel is on the left.

**Boston:** I-90 West to Exit 2. Turn right onto Rte. 20 West, follow to Rte. 7 North. Follow Rte. 7 North to rotary (Park Square) in center of downtown Pittsfield. Go  $\frac{3}{4}$  of the way around rotary and continue straight through the traffic light onto West Street. The hotel is on the left.

**Albany:** I-87 South to I-90 East to Exit 11E (Rte. 20 East). Follow Rte. 20 East to Rte. 7 North. Make a left on Rte. 7 North and follow to rotary (Park Square) in center of downtown Pittsfield. Go  $\frac{3}{4}$  of the way around rotary and continue straight through the traffic light onto West Street. The hotel is on the left.

**Vermont:** Rte. 7 South to rotary (Park Square) in center of downtown Pittsfield. Go  $\frac{3}{4}$  of the way around rotary and continue straight through the traffic light onto West Street. The hotel is on the left.

**New Hampshire:** Rte. 295 South to I-90 West to Exit 2. Turn right onto Rte. 20 West, follow to Rte. 7 North. Follow Rte. 7 North to rotary (Park Square) in center of downtown Pittsfield. Go  $\frac{3}{4}$  of the way around rotary and continue straight through the traffic light onto West Street. The hotel is on the left.

## **THE BERKSHIRES: Pittsfield and Beyond**

Lenore Kodet

Fifty-one miles from Albany, one hundred and thirty-nine miles from NYC you find the Berkshires of Massachusetts.

**SHEFFIELD:** the regions oldest town and the epicenter of shopping for antiques,

**GREAT BARRINGTON:** the first Main Street in America to have electric lights, Railroad Street is one of the oldest streets in America, near town hall a site commemorating the first armed resistance vs. the British (also the site where the first slave was freed!) riverwalk along the Housatanic River,

**STOCKBRIDGE:** Norman Rockwell spent his last 25 years here, Nathaniel Hawthorne wrote House of the Seven Gables here,

**LENOX:** described as "Currier & Ives lovely" and the "Inland Newport",

**PITTSFIELD:** Settled in 1743, 2001 Pop. 48,622, and old and important manufacturing center,

**NORTH ADAMS:** Massachusetts' smallest city with the largest contemporary art museum in the world, The Massachusetts Museum of Contemporary Art,

**WILLIAMSTOWN:** in the northern end, home of Williams College, many art museums, Hopkins Memorial Forest, Taconic Trail State Park, Field Farm, and Bullock Forest. A tiny place loaded with shops, bistros, etc.,



**BENNINGTON, VT:** between two mountain ranges, world's largest collection of Grandma Moses paintings at the Bennington Museum.

\*Each is within a few miles of the next.

\*Average November temperature (degrees F): 52/38

### SITES AND ATTRACTIONS IN PITTSFIELD AND CLOSE PROXIMITY

The Berkshire Museum  
39 South Street  
Downtown Pittsfield  
(413) 443-7171  
[www.berkshiremuseum.org](http://www.berkshiremuseum.org)

Hancock Shaker Village  
Route 20  
Pittsfield, MA  
800-817-1137 (Children Free)  
[www.hancockshakervillage.org](http://www.hancockshakervillage.org)

Norman Rockwell Museum  
Route 183  
Stockbridge, MA 01262  
(413)298-4100  
[www.nrm.org](http://www.nrm.org)

Sterling & Francine Clark Art Institute  
255 South Street  
Williamstown, MA  
(413)458-2303

Ventfort Hall, The Museum of the Gilded Age  
104 Walker Street  
Lenox, MA  
(413)637-3206  
[www.gildedage.org](http://www.gildedage.org)  
(orphanage in "The Cider House Rules")

North Adams Museum of History and Science  
Western Gateway Heritage State Park  
Building 5A  
North Adams, MA  
(413)664-4700

Arrowhead (1780)  
780 Holmes Road  
Pittsfield, MA  
(413)442-1793  
(Herman Melville wrote Moby Dick while living there from 1850-1863. By appt. in Nov.)

### WHAT TO DO: OUTDOOR ACTIVITIES

Mount Greylock State Reservation  
Rockwell Road, southern entrance  
(Rte. 7, Lanesboro)  
(413)499-4262

Berkshire Horseback Adventures  
Aspinwall Stables  
293 Main Street  
Lenox, MA  
(413) 637-9090  
[www.BerkshireHorseback.com](http://www.BerkshireHorseback.com)

Pleasant Valley Wildlife Sanctuary  
472 West Mountain Road  
Lenox, MA  
(413) 637-0320  
[www.massaudubon.com](http://www.massaudubon.com)

Canoe Meadows Wildlife Sanctuary  
Holmes Road  
Pittsfield, MA  
(413)637-0320  
(262 Acres bordering the Housatonic River)

Pittsfield State Forest  
Cascade Street  
Pittsfield, MA

Berkshire Sightseeing & Backroad Tour Co.  
(413)442-1249  
Tour with a historian.

(413)442-8992

Western Gateway Heritage State Park  
9 Furnace Street  
Building 4  
North Adams, MA  
(413)663-6312  
Visitor's Center and tourist info.

Green River Farms  
Williamstown Five Corners (Rte. 7 & 43)  
Williamstown, MA (Specialty foods, gifts, pony rides, kid's animal area, seasonal events)  
Berkshire Mountain Llama Treks  
(413) 243-2224  
[www.bcn.net/llamahike](http://www.bcn.net/llamahike)  
Hike with llamas!!

## FISHING

Onota and Pontoosuc Lakes in Pittsfield

## GOLFING (Public Golf Courses)

General Electric Athletic Club  
Crane Avenue  
Pittsfield, MA  
(413)443-5746

Potoosuc Lake Country Club  
Ridge Avenue  
Pittsfield, MA  
(413)445-4217

## SHOPPING

Prime Outlets at Lee  
Route 20  
East Lee, MA  
(413)243-8186  
65 Manufacturer direct outlet stores  
"shopping even for the non-shopper"

Berkshire Mall  
Rte. 7 (just north of Pittsfield) to Berkshire Mall Rd.  
Lanesboro, MA  
(413)445-4400  
(72 specialty shops)

C.H. Baldwin & Sons  
One Center Street  
West Stockbridge, MA  
(413)232-7785  
(Victorian country store – since 1888)

The Interior Alternative  
5 Hoosac St.  
Adams, MA  
(413) 743-1986

Berkshire Classic Leather & Silver  
74 Main Street  
Lenox, MA  
(413) 637-0727  
[www.berkshireclassic.com](http://www.berkshireclassic.com)

Berkshire Pendelton and Berkshire Outlet  
Rte. 7, 100 Williamstown Road  
Lanesboro, MA  
(888)443-1432

Country Curtains  
Red Lion Inn  
Main Street  
Stockbridge, MA  
(413)298-5565

(Fabric and bedding outlet)

## ANTIQUES

The Buggy Whip Factory  
Main Street  
Southfield, MA  
(413) 229-3576  
[www.buggywhipantiques.com](http://www.buggywhipantiques.com)  
(95 dealers)

Great Finds Antiques & Arts Market  
Rte. 7  
Sheffield, MA  
(413)528-8059

## MISCELLANEOUS

Essentials Day Spa  
439 Pittsfield Road (Rte. 7)  
Lenox, MA  
(413) 443-6260

## DININ

(Pittsfield)

Bagels Too 166 North Street \$  
Ben & Jerry's 179 South Street \$  
Bobby Hudpuckers 1350 East Street \$\$\$  
Club Red 17 Wendall Ave. Ext. \$  
Dakota Steakhouse 1035 South Street \$\$  
Dewey's Crowne Plaza \$\$  
Fraziers 17 Wendall Ave. Ext. \$\$\$  
Kneebone's Steakhouse Allendale Shop. Ctr. \$\$  
Misty Moonlight Diner 505 East Street \$  
Muddy McGee's Crowne Plaza \$  
Over the Rainbow 109 First Street \$  
Patrick's Pub 26 Bank Row \$  
Trattoria Rustica 75 North Street \$\$\$\$

\$ \$15 or less

\$\$ to \$25

\$\$\$ to \$35

\$\$\$\$ \$35 or more

For More Information:

Berkshire Tourist Information: 800-237-5747

Downtown Pittsfield: [www.Pittsfield-ma.org](http://www.Pittsfield-ma.org)

Chamber of Commerce: [www.berkshirechamber.com](http://www.berkshirechamber.com)

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## NEW REGISTRATION POLICIES



\_\_\_\_ Vegetarian Napoleon.

\*If no choice is made, chicken selection will be assigned.

Please indicate which of the following you are interested in attending:

Thursday, November 6th		Friday, November 7th		Saturday, November 8th	
<input type="checkbox"/>	ABC Exam	<input type="checkbox"/>	Exhibits	<input type="checkbox"/>	QD Session
<input type="checkbox"/>	Drug Chemistry Session	<input type="checkbox"/>	General Session – Teleforensics	<input type="checkbox"/>	Criminalistics
<input type="checkbox"/>	Toxicology Session	<input type="checkbox"/>	General Session – Clan Labs	<input type="checkbox"/>	
<input type="checkbox"/>	Biology Session	<input type="checkbox"/>	Luncheon (MUST HAVE TICKET)	<input type="checkbox"/>	
<input type="checkbox"/>	Poster Session / Welcome Reception	<input type="checkbox"/>	Crane & Co Tour (register separately)	<input type="checkbox"/>	
<input type="checkbox"/>	Exhibits	<input type="checkbox"/>	Business Meeting	<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	President's Reception	<input type="checkbox"/>	

**CANCELLATION POLICY: Any cancellation must be submitted in writing to the Registration Chair. Refunds will be honored upon written request up to the pre-registration deadline (October 17, 2003), minus a \$20.00 processing fee. NO REFUNDS ARE AVAILABLE AFTER OCTOBER 17, 2003.**

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**Northeastern Association of Forensic Scientists  
29th Annual Meeting November 5-8, 2003  
Crowne Plaza Hotel, Pittsfield, MA**

**Crane and Co. Paper Company Tour**  
Friday, November 7, 2003 1:30 pm

Contact: Bonnie Michon, NYSP Forensic Investigation Center (518) 457-4879

Mail to: Bonnie Michon  
NYSP Forensic Investigation Center  
1220 Washington Ave. Bldg. 30  
Albany, NY 12226

Crane and Co. is located in Dalton, MA just outside of Pittsfield. They are the contract paper company for the US currency. The tour will include the following topics: the papermaking process, security features, and counterfeiting approaches. Due to security issues in giving this tour, the tour is limited to Questioned Document Examiners who work in local, state, and federal law enforcement agencies, as well as, private examiners who are members of ASQDE, the Questioned Documents Section of AAFS, or who are certified by ABFDE.

Name : \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone #: \_\_\_\_\_ Fax # \_\_\_\_\_ E-mail: \_\_\_\_\_

NEAFS Member #: \_\_\_\_\_

Member: ASQDE \_\_\_\_\_ AAFS-QD \_\_\_\_\_ Certified ABFDE \_\_\_\_\_

\*Photocopies of your credentials (work identification cards, certification cards, membership cards) must accompany this registration form, and the originals should be brought with you the day of the tour.

\*\*QD Examiners who fill out this registration form must be registered for the meeting in order to attend the tour.

**\*\*Crane Tour registration form must be postmarked by October 1, 2003. On-site registration will not be accepted.**

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Northeastern Association of Forensic Scientists  
29th Annual Meeting November 5—8, 2003  
Crowne Plaza Hotel, Pittsfield, Massachusetts

## **Reconstruction of Shooting Crime Scenes**

Wednesday, November 5, 2003 9:00 AM – 5:00 PM

Thursday, November 6, 2003 9:00 AM – 12:00 PM

Workshop Registration Fees: Members & Students \$100

Non-members \$130

### **Moderator/Contact:**

Edward G. Bernstine, Ph.D.

Massachusetts State Police Crime Laboratory

413-786-6163

edward.bernstine@pol.state.ma.us

This workshop is designed to train the participant to analyze and understand the reconstruction of crime scenes involving shootings. The approach taken will be integrative; it will emphasize the principles of criminalistics as applied to shootings. The workshop will provide background material on firearms and their history, physical reconstruction of trajectories, fingerprint techniques appropriate for firearms, bloodstain pattern analysis, gunshot residue detection, report writing (emphasizing high-profile cases) and DNA recovery from weapons.

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### **Reconstruction of Shooting Crime Scenes**

#### **Mail to:**

Edward G. Bernstine, Ph.D.

MSP Agawam Crime Laboratory

702 S. Westfield Street

Feeding Hills, MA 01030

Name (For Certificate): \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ e-mail: \_\_\_\_\_

NEAFS Member No.: \_\_\_\_\_

I have enclosed a check for \$\_\_\_\_ payable to NEAFS. I require a receipt YES NO

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Northeastern Association of Forensic Scientists  
29th Annual Meeting November 5-8, 2003  
Crowne Plaza Hotel, Pittsfield, Massachusetts

## **Fourier Transform Infrared (FTIR) Spectroscopic Techniques: Applications to Illicit Drugs and Trace Evidence Analysis**

*sponsored by*  
**SensIR Technologies**

Wednesday November 5, 2003 9:00AM- 5:00PM

Registration Fees: Members & Students: \$50  
Non-Members: \$65

**Moderator/Contact:**

Adrian S. Krawczeniuk, DEA Northeast Laboratory  
212-620-3685(Office)  
[askrawcz@earthlink.net](mailto:askrawcz@earthlink.net) (Email)

Instructor: Will Wihlborg, SensIR Technologies

The workshop will focus on the FTIR techniques available to the forensic scientist as applied to the analysis of drugs of abuse and trace evidence materials. Background information will be provided on the theory of ATR (Attenuated Total Reflectance), Microscopy techniques and how the forensic scientist can utilize these techniques in their daily forensic analysis. Participants will have an opportunity to get hands-on experience in operating SensIR diamond ATR microspectrometer, the use of the IlluminatIR Infrared microspectrometer which brings the power of chemical analysis to the conventional light microscopy workbench, and the use of the TravelIR, the world's first truly portable spectrometer.

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**FTIR Techniques Workshop**

Mail To: Adrian S. Krawczeniuk  
DEA Northeast Laboratory  
99 10th Avenue, Suite 721  
New York, New York 10011

Name (For Certificate)\_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone:\_\_\_\_\_FAX:\_\_\_\_\_Email:\_\_\_\_\_

NEAFS Member Number: \_\_\_\_\_

I have enclosed a check for \$\_\_\_ payable to NEAFS.

I require a receipt: YES NO

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Northeastern Association of Forensic Scientists  
29th Annual Meeting  
The Crowne Plaza, Pittsfield, MA

**Forensic Educators Workshop****Saturday, November 8, 2003****8:30 AM – 4:30 PM**

Workshop Registration Fee: \$50.00 (Members) \$75.00 (Non-members)

Contact: Mary M. Eustace, Westchester County Forensic Laboratory  
Tel: (914) 231-1810, Fax: (914) 231-1798

This workshop is designed for individuals who do not have formal training/background in forensic science and who are currently teaching or would like to teach a forensic science course. Lectures will be given on various topics that are typically covered in a high school or college level course. Practical demonstrations (where possible) will be performed to illustrate the techniques discussed.

Participants in this workshop will be able to interact with professionals currently working in the field and share ideas with other educators. Participants are also requested to bring sample exercises used in their courses to share with the class.

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**Forensic Educators Workshop Registration Form**

Mail to:  
Mary M. Eustace  
Westchester County Forensic Lab  
10 Dana Road  
Valhalla, NY 10595

Name (for certificate): \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Email address: \_\_\_\_\_

NEAFS Member #: \_\_\_\_\_

I have enclosed a check for \$ \_\_\_\_\_, made payable to NEAFS.

I will require a receipt:   YES   NO

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Northeastern Association of Forensic Scientists  
C/O Mary M. Eustace  
10 Dana Road  
Valhalla, New York 10595