

# NORTHWEST ASSOCIATION OF FORENSIC SCIENTISTS

## ANNOUNCING THE NWAFS FALL TRAINING CONFERENCE

NWAFS IS A NON-PROFIT ORGANIZATION DEDICATED TO THE ADVANCEMENT OF FORENSIC SCIENCES IN THE NORTHWEST REGION OF THE US. PLEASE READ THROUGH THE FOLLOWING PAGES TO GET THE LATEST AVAILABLE INFORMATION ON PARTICIPATION IN THE TRAINING CONFERENCE.

### SPECIAL EVENTS AND TRAINING INCLUDE:

- *HANDS ON WORKSHOPS*- PERFECT FOR ANY FORENSIC PRACTITIONER
  - STATE OF THE ART TRAINING IN FORENSIC PRACTICES
  - PRESENTATIONS ON FORENSIC TOPICS AND CASE REVIEW
  - *GET PUBLISHED* WITH UNIQUE RESEARCH WORKSHOPS
  - VENDORS, GIVEAWAYS AND LOTS MORE

SEPTEMBER 25-30, 2011

Hotel Murano, Tacoma WA

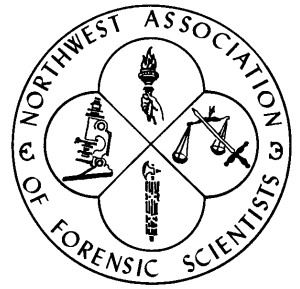
Noedel  
Scientific

Hosted By:  
NWAFS and Noedel Scientific





NWAFS Fall Seminar  
September 25-30, 2011  
Hotel Murano, Tacoma WA  
[www.hotelmuranotacoma.com](http://www.hotelmuranotacoma.com)



## Workshop Descriptions

### **Workshop #1: The Forensic Considerations of Ammunition Reloading**

Instructor: James Krylo, Las Vegas Metro Police Crime Lab

This one-day course will include a brief lecture about reloading and dedicate the rest of the day to reloading and shooting reloaded cartridges. Students will each receive a single hand press reloading tool with one die to keep after the workshop. Cartridges reloaded during the course will be test fired for accuracy, chronographed for velocity and the data collected and compared to factory loaded cartridges. Participants in this course will take the free train to the indoor shooting range for the live test firing portion of the course.

### **Workshop #2: Qiagen and DNA Analysis**

Instructor: TBD

QIAGEN is pleased to invite you to participate in a seminar event to learn more about the latest developments in DNA forensics technology and to discuss the present and future needs of the community. Topics will include accurate quantitation of human DNA, advanced thermal cycling techniques, and new automated solutions designed to improve laboratory efficiency. In addition to presentations, the instruments will be available for demonstration during break times, and at the end of the session.

### **Workshop #3: Reproducing Bloodstain Patterns**

Instructor: Karen Green, Green Forensics

Using past CTS Proficiency and other known samples as a starting point, students in this one-day workshop will examine bloodstain patterns, assess how they thought they were made and attempt to reproduce the patterns in a controlled setting. Ultimately, students will make unknowns for their fellow students to evaluate and reproduce. Finally, lecture and group discussion will be developed to discuss the scientific method and validity of BPA in forensic examination and testimony.

### **Workshop #4: Tour Rainier Ballistics**

Instructor: TBD

This part-day opportunity will provide an on-site tour of the bullet manufacturer "Rainier Ballistics". The entire process will be demonstrated from receiving billets of raw materials all the way through the completion of forming and marketing the various brands/designs of bullets they produce. This workshop is a must for anyone who needs to understand bullet performance and production. Travel to/from the facility will be arranged.

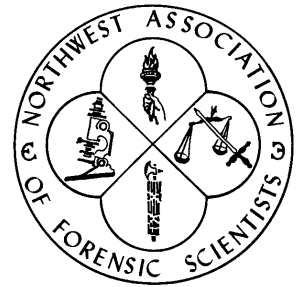
### **Workshop #5: The OMNI Car Crime Scene Processing Overview**

Instructors: Amy Jagmin, WSP Crime Lab; Matthew Noedel, Noedel Scientific

This half-day, practical-based workshop gives the student the opportunity to process a vehicle in stages where each stage covers a different aspect of scene examination. Useful for anyone who examines crime scenes, an actual car (located on the property of the hotel garage) will be planted with a variety of different types of forensic evidence. Students will work through documentation,



NWAFS Fall Seminar  
September 25-30, 2011  
Hotel Murano, Tacoma WA  
[www.hotelmuranotacoma.com](http://www.hotelmuranotacoma.com)



## Workshop Descriptions continued...

sequence of exam and recovery issues for each evidence type. Lecture and practical exams will provide the student with a solid basis for vehicle processing of many different types of physical evidence.

### **Workshop #6: Examination of Clothing for Trace Evidence**

Instructor: Chesterene Cwiklik

This is a two-day lab and lecture workshop on scientific clothing examination, emphasizing preliminary examinations of deposits and damage, getting to the "story" that the clothing can tell, and having a basis for sampling decisions. There will be an emphasis on documenting the examinations to ensure that the work is objective, the record is understandable, the exam is defensible in court, and the work can be understood even years after the original exam. Ms. Cwiklik is a co-author of the recently published book "Scientific Protocols for Forensic Examination of Clothing" and has taught Forensic Clothing Examination at the California Criminalistics Institute for the Ca DOJ and at the Washington State Patrol Crime Laboratory.

### **Workshop #7: Roundtable-Synthetic THC: Recognition, Examination and Analysis— with—Roundtable-Contemporary Issues: Synthetic THC**

Instructor: TBD

This one-day workshop will provide a review and background data about the legal and illegal use of the recently popular "Spice" and other synthetic marijuana derivatives. Its origins, sources, analysis and legality will be discussed and the current literature will be examined to better define these products. Other contemporary issues such as medical marijuana and complex analysis will be discussed in a round table format.

### **Workshop #8: Techniques for Successful Presentations with PowerPoint™**

Instructors: Matthew Noedel, Noedel Scientific; Steven Stone, WSP Crime Lab

This half-day workshop will use digital photographs (provided by the instructor or brought by the student) to demonstrate how to bring them into a presentation for court, lecture or other presentation. These photographs will be used to build a variety of presentations using PowerPoint. Hyper linking slides and materials, labeling slides, and other good presentation skills will be emphasized, and practiced (student should have access to a laptop with PowerPoint™).

### **Workshop #9: Using Digital Photography with PhotoShop®**

Instructors: Brett Bishop, WSP Crime Lab; Jeff Jagmin, WSP Crime Lab

This half-day workshop will use digital photographs (provided by the instructor) to demonstrate basic features of how to use PhotoShop® to improve their appearance for demonstrative uses. Example photographs will then be processed and manipulated using Adobe Photoshop®. Building "to scale" images, preparing overlays, stitching multiple images and other useful techniques available in Photoshop® will be demonstrated and practiced.

## Workshop Descriptions continued...

### Workshop #10: Life Technologies (Applied Biosystems) DNA Automation

Instructor: TBD

This full day workshop presented by Life Technologies (Applied Biosystems) will address their next generation of workflow solutions. Among the topics to be addressed includes "Enabling Extraction-free Processing of Reference Samples"; "a behind the scenes look at "the making of an HID kit"; "analysis settings" and relevant legislative updates.

### Workshop #11: Alternate Light Sources, Latent Print Photos and Trace Evidence Exam

Instructors: Larry Dow and Owen Lang, Foster & Freeman

The first part of this workshop will cover the latest LED light sources, digital photography and enhancement of latent prints. The second part will demonstrate some new instruments for analysis of trace evidence, using the GRIM technique, microspectroscopy and Laser Induced Breakdown Spectroscopy, or "LIBS"

### Workshop #12: Analytical Techniques in Explosives Analysis

Instructor: Ron Kelly, FBI Explosives Unit

Ron Kelly of the FBI Explosives Unit will discuss current analytical techniques in the identification and characterization of post-blast evidence. A brief overview of explosives and reaction products will be covered. Analytical extraction techniques and instrumentation associated with the analysis of explosives evidence will be the main topic of this two-day course. It is recommended that the student have a basic knowledge of explosives and post-blast reaction products.

---

## **NWAFS ZOMBIE BANQUET** **Thursday September 29<sup>th</sup>, 2011** **6PM-10PM**

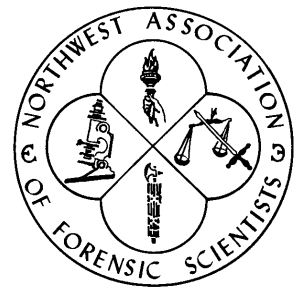


**Dress as a zombie\* or just act like one during our banquet held at the Tacoma Museum of Glass. Within walking distance from the hotel!**

**\*(Zombie make-up will be available for registered participants)**



NWAFS Fall Seminar  
 September 25-30, 2011  
 Hotel Murano, Tacoma WA  
[www.hotelmuranotacoma.com](http://www.hotelmuranotacoma.com)



## REGISTRATION FORM

Name \_\_\_\_\_ NWAFS Member:  Yes  No

Agency \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

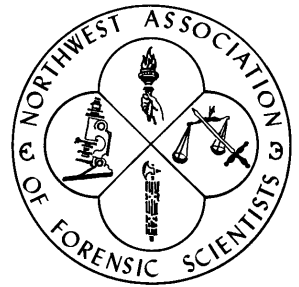
<u>Full Meeting Registration</u>	MEMBER	NON-MEMBER	TOTAL
Includes conference binder, admission to the general scientific sessions and breaks, Wednesday Vendor Reception, lunch T-Th, Thursday banquet at the Glass Museum.	\$275	\$375	

<u>Workshop Registration</u>		With Meeting Registration	Without Meeting Registration	TOTAL
<i>Workshop fees are offered at a reduced cost if the participant (Member or Non-member) registers for the <u>full</u> meeting. Price includes lunch and breaks.</i>				
Life Technologies DNA Automation	Monday, 9/26, 8:00 - 5:00	\$35	\$125	
Foster & Freeman-ALS Latents and Trace	Monday, 9/26, 8:00 - 5:00	\$35	\$85	
Special Topics—See following pages for detail	Monday, 9/26, 8:00 - 5:00	\$25	\$75	
ABC Certification Test	Monday, 9/26, 8:00 - 11:00	Free	\$75	
FBI Explosive Course	Mon & Tue 9/26-27, 8:00 - 5:00	\$50	\$95	
Ammunition Reloading	Tuesday, 9/27, 8:00 - 5:00	\$50	\$145	
OMNI Car Crime Scene Exam*	<input type="checkbox"/> Session 1: Tuesday, 9/27, 8:00 - 12:00 <input type="checkbox"/> Session 2: Tuesday, 9/27, 1:00 - 4:00	\$40	\$85	
Qiagen and DNA Analysis	Tuesday, 9/27, 8:00 - 5:00	\$35	\$125	
Digital Photography* with <b>Photoshop</b> ®	<input type="checkbox"/> Session 1: Tuesday, 9/27, 8:00 - 12:00 <input type="checkbox"/> Session 2: Tuesday, 9/27, 1:00 - 5:00	\$40	\$75	
Reproducing Bloodstain Patterns	Wednesday, 9/28, 8:00 - 5:00	\$50	\$125	
Tour Rainier Ballistics	Wednesday, 9/28, 1:00 - 3:00	\$30	\$100	
Examination of Clothing for Trace	Tue & Wed 9/27-28, 8:00 - 5:00	\$50	\$125	
Roundtable: Contemporary Issues with Synthetic/THC Products	Wednesday, 9/28, 8:00 - 5:00	\$50	\$125	
Digital Presentations* with <b>PowerPoint</b> ™	<input type="checkbox"/> Session 1: Wednesday, 9/28, 8:00 - 12:00 <input type="checkbox"/> Session 2: Wednesday, 9/28, 1:00 - 5:00	\$40	\$75	
<input type="checkbox"/> Total Meeting and Workshop Registration – Paid Online <input type="checkbox"/> Total Meeting and Workshop Registration – Check Enclosed				

\*Note: Session 1 and Session 2 are the same class offered two different times



NWAFS Fall Seminar  
September 25-30, 2011  
Hotel Murano, Tacoma WA  
[www.hotelmuranotacoma.com](http://www.hotelmuranotacoma.com)



## NWAFS CONFERENCE PAYMENT OPTIONS

Pay by Check or Online (*No Purchase Orders Please*). Checks should be made out to "NWAFS":

**NWAFS Fall 2011**  
**c/o Matthew Noedel**  
**13002 151<sup>st</sup> Street East**  
**Puyallup, WA 98374**

Additional Information/payment  
available online SOON at:

[www.nwafs.org](http://www.nwafs.org)

NWAFS Tax ID 94-2923358

## Meeting Details

Full Meeting Registration: Full meeting registration entitles you to attend the scientific presentation session on Thursday and Friday, September 29<sup>th</sup> and 30<sup>th</sup>; provides a welcome registration bag with conference packet including a program, provides access to the NWAFS hospitality suite in the evening after the technical session, provides lunch on Tuesday, Wednesday and Thursday, provides admission to the Vendor Reception and door prizes on Wednesday evening; provides a ticket to the dinner banquet on Thursday night at the Museum of Glass.

**\*\*\*Full meeting registration entitles you to use the discounted rate for workshops\*\*\***

## HOTEL DETAIL

The conference will be held at the Hotel Murano in downtown Tacoma, WA. You must contact the hotel directly for your room reservations **NO LATER THAN September 3, 2011**. Call their reservation line and specify the NWAFS rate of \$109/night. Internet is included with your room reservation!

Call: 888.862.3255

Online: [www.hotelmuranotacoma.com](http://www.hotelmuranotacoma.com)

Fly into Sea-Tac Airport: Depending on the time of day, it will take from 25 to 50 minutes to get from the airport to the hotel. Car rental or shuttle options should be arranged!

For driving directions Google the location.

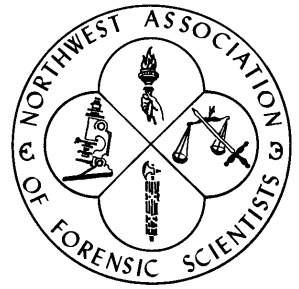
Hotel Murano  
1320 Broadway Plaza  
Tacoma, WA 98402

—or—

[www.hotelmuranotacoma.com/hotel-murano-directions](http://www.hotelmuranotacoma.com/hotel-murano-directions)



NWAFS Fall Seminar  
September 25-30, 2011  
Hotel Murano, Tacoma WA  
[www.hotelmuranotacoma.com](http://www.hotelmuranotacoma.com)



## Special Research Workshop Topics

Research workshops are small, focused, one-day projects that conduct baseline research on a selected forensic question. The observations and data generated will then be presented during the general session at the end of the week and formally published (after peer review) in the NWAFS Crime Scene publication. Each member of the work group will be under the direction of the Mentor and will contribute to setting up, recording and preparing the research for presentation/publication.

The end product will list as co-authors the name of each participant.

### **Special Research Workshop #1: Temperature of Ejected Cartridge Cases**

**Mentor:** TBD

The temperatures of fired cartridge cases just after ejection from a semiautomatic action will be studied and reported. Variables may include caliber and number of successive shots.

### **Special Research Workshop #2: Characterizing Bullet Damage in Clothing**

**Mentor:** TBD

Techniques to differentiate the passage of a bullet from other damage such as cigarette burns, wear and other defects in fabric will be examined characterized and reported.

### **Special Research Workshop #3: Blood Drying Times**

**Mentor:** TBD

This research group will evaluate various environmental factors that may influence drying time of blood deposits.

### **Special Research Workshop #4: Forensic Significance of Auto Paint Clear Coats**

**Mentor:** Paul Martin, CRAIC Technologies

Sampling, characterization and analysis of clear coats will be examined and evaluated.

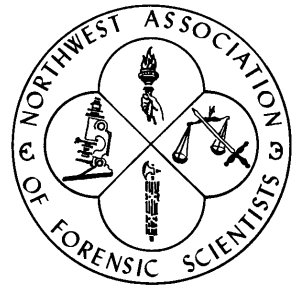
### **Special Research Workshop #5: Determining the Direction of Travel of Projectiles through Glass**

**Mentor:** TBD

This research will study the appearance of damage to window glass to determine direction of travel of a projectile. Fast versus slow moving projectiles will be compared and documented.



NWAFS Fall Seminar  
 September 25-30, 2011  
 Hotel Murano, Tacoma WA  
[www.hotelmuranotacoma.com](http://www.hotelmuranotacoma.com)



## Request to Participate Special Research Topics

Name \_\_\_\_\_

Agency \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

If you would like to be considered for selection to participate in a special research project, please complete this form and forward to Matthew Noedel via email at [mnoedel@att.net](mailto:mnoedel@att.net).

If you have an idea for a Special Research Topic or want to Mentor a project, please prepare an outline of the research and methods and forward to Matthew Noedel via email at [mnoedel@att.net](mailto:mnoedel@att.net).

Additional topics will be considered for approval upon submission.

<u>Special Research Workshop Topics</u>		<u>With Meeting Registration</u>	<u>Without Meeting Registration</u>	<u>TOTAL</u>
<i>Workshop fees are offered at a reduced cost if the participant (Member or Non-member) registers for the <u>full</u> meeting.</i>				
<b>Special Research Workshop 1:</b> Temperature of Ejected Cartridge Cases	Monday, 9/26, 8:00 - 5:00	\$25	\$75	
<b>Special Research Workshop 2:</b> Characterizing Bullet Damage in Clothing	Monday, 9/26, 8:00 - 5:00	\$25	\$75	
<b>Special Research Workshop 3:</b> Blood Drying Times	Monday, 9/26, 8:00 - 5:00	\$25	\$75	
<b>Special Research Workshop 4:</b> Auto Paint Clear Coats	Monday, 9/26, 8:00 - 5:00	\$25	\$75	
<b>Special Research Workshop 5:</b> Bullet Direction through Glass	Monday, 9/26, 8:00 - 5:00	\$25	\$75	
<input type="checkbox"/> Total Special Research Workshop Registration – Paid Online <input type="checkbox"/> Total Special Research Workshop Registration – Check Enclosed				