



NWAFS Fall Seminar
 September 25-30, 2011
 Hotel Murano, Tacoma WA
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

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, 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.



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Workshop Descriptions continued...

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 and Medical Marihuana

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 marihuana 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 marihuana 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.



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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: Special Applications and Alternate Light Sources-Foster & Freeman

Instructor: Owen Lang, Foster & Freeman

This workshop presented by Foster and Freeman will address a variety of the technologies currently being offered and developed by them. Uses and applications of alternate light sources will also be demonstrated and discussed.

NWAFS BANQUET Thursday September 29th, 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)



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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.

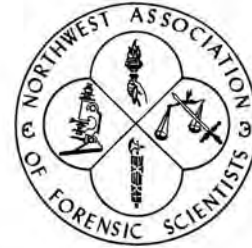
Special Research Workshop #5: Determining the Direction of Travel of Projectiles through Glass

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.



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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.

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.

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>				
Special Research Workshop 1: Temperature of Ejected Cartridge Cases	Monday, 9/26, 8:00 - 5:00	\$25	\$75	
Special Research Workshop 2: Characterizing Bullet Damage in Clothing	Monday, 9/26, 8:00 - 5:00	\$25	\$75	
Special Research Workshop 3: Blood Drying Times	Monday, 9/26, 8:00 - 5:00	\$25	\$75	
Special Research Workshop 4: Auto Paint Clear Coats	Monday, 9/26, 8:00 - 5:00	\$25	\$75	
Special Research Workshop 5: 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				