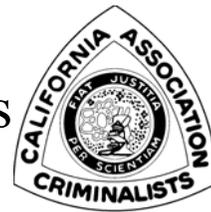


California Association of Criminalists Northwest Association of Forensic Scientists



JOINT SPRING MEETING
RENO, NEVADA APRIL 7-11, 2003

CALL FOR PRESENTERS:

The theme for the meeting is **ANTE UP FOR HIGH STAKES FORENSICS**. The general session will focus on **cases where the only “card on the table” was forensic evidence**. Desired presentations will **include cases where forensic analysis was the “ace” and so successful prosecution of the case was no longer a “gamble.”** Presentations covering other topics will also be considered.

Abstract Contents:

Title in FULL CAPS

Presenting Author Name

Mailing Address

E-mail

Telephone

Objectives, Relevance, Methodology, Results, Conclusions

IMPORTANT information to include:

A/V Requirements: Slide projector, Overhead projector, Power Point projector, VHS/monitor, any other necessary equipment.

Length of time needed for presentation

Short bio for introduction

Abstract and information Submission Format:

Please submit one copy of your abstract file in Microsoft Word 97 (or higher) or plain text as follows:

(Preferred) E-mail to sharmon@mail.co.washoe.nv.us

OR

1.44MB floppy diskette to Suzanne Harmon
WCSO Crime Lab, 911 Parr Blvd, Reno, NV 89512

DEADLINE: March 5, 2003

Workshops on Next Page

WORKSHOPS:

The workshops will be held on either Monday or Tuesday or both days, April 7 and 8 and will begin each morning at 8:00 AM. The workshops will be held at the El Dorado Hotel and Casino with the exception of the Ricochet Workshop (see notes).

DNA Audit Workshop

(Mon, Tues, Full Days, Minimum 20 and Maximum 50)

Mr. Richard Guerrieri, DNA Analysis Unit I

Ms. Anja Koczinski, Quality Assurance and Safety Unit

FBI Laboratory, Washington, DC

The DNA Audit Workshop provides current and previously qualified DNA examiners with a comprehensive review and interpretation of the DNA Audit Document [October 2000]. In order to comply with future NDIS/CODIS audit requirements, affected DNA laboratories will be required to have personnel trained on this document. ASCLD/LAB DNA Inspectors are required to receive this training in order to continue performing inspections. It is strongly recommended that participants be familiar with the DNA Audit Document prior to attending the workshop [which can be found in Forensic Science Communications January 2001 issue]. This course has been previously offered at CODIS conferences and regional FS meetings with high demand.

Interpretation of Infrared Spectra

(Mon, Tues, Full Days, Minimum 15)

Robert L. Julian, Ph.D.

University of Wisconsin Synchrotron Radiation Center

This workshop is based on the ever-popular California Criminalistics Institute's three-day class. Trace analysts utilizing IR for paint and fiber examinations as well as drug chemists will benefit from this intensive exposure to the theory, comparison, identification and interpretation of the infrared spectra of organic compounds. Knowledge of infrared spectroscopy and chemical nomenclature for organic functional groups is a prerequisite.

Ricochet Workshop

(Mon, Full Day, Maximum 30)

Lucien C. Haag

This workshop will provide the participant with various definitions associated with ricocheted and deflected projectiles as well as some general expectations for the behavior of projectiles upon impact with a variety of surface types such as water, soil, concrete, asphalt, sheet metal, wood, and wallboard. The resultant effects of a ricochet event on the projectiles in the form of damage and trace evidence exchanges as well as post-impact exterior ballistic performance will be covered and demonstrated in the live-fire portion of this workshop. The nature and properties of forensic interest associated with the impact sites will be integrated with the impactive damage sustained by the responsible bullets. Chemical testing methods for verifying impact sites as bullet-caused will be demonstrated.

Methods for the empirical testing and measurement of projectile behavior before and after impact with a selected surface or material will also be illustrated in this workshop. This 8-hour course will include classroom and live-fire demonstrations, handout materials and hands-on experience with ricocheted projectiles and impacted surfaces.

Questions addressed and answered include:

Where do ricochet projectiles go after impact and how far do they travel?

What are their post-impact flight characteristics?

What are the important factors controlling the departure angles of ricocheted projectiles?

What sort of damage do ricocheted projectiles sustain during impact?

Does the appearance and nature of this damage have forensic value?

What can be learned from the impact site?

Participants are encouraged to bring still or video cameras in the event they wish to make their own record of the various demonstrations during the live-fire portion of this workshop. Participants should check in at conference registration between 0700 and 0730 on April 7. Workshop is off-site and transportation is provided.

Forensic Approaches to Mass Disasters: Current Perspectives, Protocols and Technologies

(Mon, Full Day)

California State Department of Justice, Bureau of Forensic Services

Laboratory managers, supervisors and anyone who is interested in planning and training laboratory staff for implementing mass disaster training and preparedness will want to attend this workshop. A detailed overview of the forensic methodologies, personnel and technologies that have been employed in recent mass disasters in the United States and abroad will be presented. Future trends for the investigation of mass disasters in terms of training of personnel and organizational preparedness will be explored. Efforts toward the establishment of universal standards for the application of the forensic sciences to mass disasters and international human rights investigations will be discussed since both share in the demand for utilizing forensic approaches in the identification of human remains.

Maintenance and Troubleshooting of Hewlett-Packard GC/MS Systems

(Tues, Full Day)

Hewlett-Packard Service Engineer

This workshop is a daylong-condensed version of the company's training class for users of recent model Hewlett-Packard GC/MSD's. A practical rather than theory-based presentation intended to minimize downtime and service calls.

Functional and Forensic Aspects of the Colt 1911 Family Pistols

(Tues, Full Day)

Robert Caunt

Vancouver Police Department

Forensic Firearms Unit

This course will investigate the Colt 1911 family of pistols and is directed toward both the armorer and the forensic examiner. Topics covered will include plenty of hands-on instruction for disassembly and assembly, design and function, diagnosis of common problems and an overview of the most encountered custom modifications to this popular pistol.

DNA Updates and Case Studies

(Tues, Full Day)

Jeffrey Riolo

Washoe County Sheriff's Office

DNA Analyst/CODIS Manager

The DNA Workshop will cover current issues in forensic DNA analysis. These include the following:

- 1) New Technology
 - Making things faster and better
- 2) Mixed Profile Statistical Interpretation
- 3) Y-STR's
- 4) "Doing More with Less"
 - Automation, increasing efficiency, budgeting time
- 5) Mass disaster
 - Preparation for, cases
- 6) Unusual and challenging cases

If you wish to present at the workshop or to suggest additional topics, please contact Jeff Riolo at 775-328-2851 or by email at jriolo@mail.co.washoe.nv.us.