Welcome to the latest newsletter from the Forensic Chemistry Program at the College of New Jersey. Happy Spring!

In the past we've provided information about jobs and programs related to the Forensic Sciences. Here we provide a list of some short courses and training classes that are offered in the next several months. If you are considering a career in Forensics, it is important to know that a variety of courses are offered around the country that can give you specialized training, over a period of a few days, in some topics related to the discipline. If you are working in the field, and you are expected to quickly become an expert in some topic, short courses can be very useful. Even if you are not in the field, but want some specialized training that might make you more attractive as a job candidate, you might consider a short course. We have examples here from a wide range of locations and dates. Where we could, we've provided information on costs (some aren't cheap) and locations. Again, the list is provided to give readers an idea of what is being offered.

You will see a wide variety, from courses on Highway Safety to Forensic Anthropology. Some are offered by Police groups such as the Las Vegas Metropolitan Police Department, to Universities, such as the University of Tennessee. A few items on the list deserve special attention. The McCrone Research Institute in Chicago, Il provides a number of Symposia/Workshops throughout the year, providing exceptional training in the use of microscopy, for a low price! Cedar Crest College in Allentown, PA also will be providing a number of very useful, and inexpensive, short courses in the summer.

Hopefully the recent set of newsletters will provide you with a practical understanding of what Forensic Scientists do, and the fact that training is a lifelong process. Many Forensic facilities will bring short courses/workshops to their employees, for on-site training.

We're very fortunate that so many experts are willing to share their time and experiences, to create unique learning experiences for those in the field, and those who want to be in the field.

We appreciate your continued support and interest in our newsletter. See you in the Fall! If you have any ideas for topics that you'd like to have included in our newsletter, please don't hesitate to contact me. We're always looking for new topics to write about for you.

Have a great summer!

Dr. John Allison
Professor of Chemistry
Director of Forensic Chemistry
allison@tcnj.edu
**Topic:** The Robert F. Borkenstein Course on DUID: The Effects of Drugs on Human Performance and Behavior  
**Date:** April 11-16, 2010  
**Hosts:** The Center for Studies of Law in Action at Indiana University - Bloomington in Bloomington, IN.  
**Info:** The Indiana University Borkenstein Drug Course covers topics related to the pharmacology of drugs and their effects on psychomotor performance and driving. The course content includes roadside drug testing surveys using checkpoints, and oral fluid testing; basic principles of pharmacology and relationship to drug effects on behavior and physiology; approaches to implementing per se DUID laws in European Union countries; on-road driving studies for marijuana, MDMA, and antidepressants; training tools for investigating and documenting drug impairment; approaches to presenting DUID evidence in court; updated summaries of effects of major drug classes present in drivers; effects of lorazepam and alprazolam on driving; effective use of Pubmed, Toxline, and on-line forensic databases for literature surveys and case preparation.  
**Cost:** $1,200  
[http://www.borkensteincourse.org/drugs.html](http://www.borkensteincourse.org/drugs.html)

**Topic:** Lab Management  
**Date:** April 11-16, 2010  
**Hosts:** Forensic Management Academy in Morgantown, WV  
**Info:** Leadership, succession planning, team building, business skills, conflict resolution, cost benefit analysis, budgeting, motivation, strategy, and performance and project management skills are discussed in order to teach participants to better their lab’s proficiency and increase staff production. Attendance is limited to 35 people.  
[http://neafs.org/training.htm](http://neafs.org/training.htm)

**Topic:** The Robert F. Borkenstein Course on Alcohol and Highway Safety: Testing, Research and Litigation  
**Date:** April 25-30, 2010; December 5-10, 2010  
**Hosts:** The Center for Studies of Law in Action at Indiana University - Bloomington in Bloomington, IN.  
**Info:** The Indiana University Alcohol Borkenstein Course is a one-week expert-level program of on-campus instruction and interaction, on the medico-legal alcohol topics. The primary emphasis in most of the presentations is on alcohol in relation to traffic safety, covering basic alcohol chemistry and physiology, principles of measurement of alcohol in blood and breath, and presentation of alcohol information in the courtroom.  
**Cost:** $1,200  
[http://www.borkensteincourse.org/alcohol.html](http://www.borkensteincourse.org/alcohol.html)

**Topic:** Medicolegal Death Investigator Training Course  
**Date:** April 26-30, 2010  
**Hosts:** Sponsored by Saint Louis University School of Medicine, Division of Forensic Pathology. To be held in St. Louis, MO.  
**Contact for information:**  
Mary Fran Ernst or Julie Howe  
Saint Louis University  
School of Medicine  
St Louis, MO  63104
**Topic:** 41st Annual Association of Firearm and Toolmark Examiners Training Seminar  
**Date:** May 2-7, 2010  
**Hosts:** The Las Vegas Metropolitan Police Department. To be held at the Green Valley Ranch Resort and Spa, Henderson NV.  
**Info:** Certification tests offered in firearm identification, toolmark identification, and GSR (Gun Shot Residue) analysis.  
**Cost:** $335 for early member registration; $385 for early non-member registration; $385 for late member registration; $435 for late non-member registration after March 1st; $200 for student registration; $100/day for daily program registration. (Additional costs depend on resort room rates and amenities selected).  

**Topic:** Advanced Bloodstain Pattern Analysis and Expert Witness Workshop  
**Date:** May 17-21, 2010  
**Hosts:** Presented by the Specialized Training Unit at the Metropolitan Police Institute of the Miami-Dade Police Department, Doral, Florida.  
**Contact for Information:**  
Toby L. Wolson, MS, F-ABC  
Miami-Dade Police Department  
Crime Laboratory Bureau  
Doral, FL 33172  
(305) 471-3041  
Twolson@mdpd.com

**Topic:** Field Methods in Forensic Anthropology  
**Date:** June 2-4, 2010  
**Hosts:** To be held at the Forensic Anthropology Center, University of Tennessee, Knoxville, TN.  
**Contact for Information:**  
Rebecca J. Wilson  
Knoxville, TN 37996-0720  
fac@utk.edu

**Topic:** Basic Bloodstain Pattern Analysis  
**Date:** June 7-11, 2010  
**Hosts:** Paul Erwin Kish, Elmira College (Elmira, NY).  
**Contact for Information:**  
Paul Erwin Kish  
(607) 962-8092  
[www.paulkish.com](http://www.paulkish.com)

**Topic:** Bloodstain evidence  
**Date:** June 7-11, 2010  
**Hosts:** The Bloodstain Evidence Institute  
**For course Information contact:**  
Dr. Herbert Leon MacDonell, Director, BLOODSTAIN EVIDENCE INSTITUTE, Corning, New York 14830; forensiclab@stny.rr.com
Topic: Forensic Anthropology Course  
Date: June 7-11, 2010  
Hosts: To be held at the National Transportation Safety Board (NTSB) Training Center in Ashburn, VA.  
Contact for Information:  
Oscar Molina, TSgt, USAF  
Department of Medical Education  
Armed Forces Institute of Pathology  
Washington, DC 20306-6000  
came@afp.osd.mil  
To Register: www.askafip.org

Topic: Outdoor Recovery Course  
Date: June 7-11, 2010  
Hosts: To be held at the Forensic Anthropology Center, University of Tennessee, Knoxville, TN.  
Contact for Information:  
Rebecca J. Wilson  
250 South Stadium Hall  
Knoxville, TN 37996-0720  
fac@utk.edu

Topic: Gunshot residue  
Date: June 8-10, 2010  
Hosts: The Forensic Science Training Institute at Cedar Crest College (Allentown, PA).  
Info: The primary purpose of this workshop is to discuss the various methods that can be utilized to perform this type of examination in the forensic laboratory. To this end the topics to be discussed will include the nature and construction of firearms and ammunition, visual examination and documentation of evidence thought to contain such residues, visual and microscopic examination of bullet holes, photographic techniques for enhancement of residues, chemical techniques for recognition and enhancement, an overview of the test fire process, interpretation of results, and report writing.  
Cost: $250  
http://www.cedarcrest.edu/forensic/10/1.htm

Topic: Chemical Searching and Enhancement Techniques for Latent Bloodstains  
Date: June 14-18, 2010  
Hosts: Paul Erwin Kish & Martin Eversdijk, Elmira College (Elmira, NY).  
Contact for Information:  
Paul Erwin Kish  
(607) 962-8092  
paul@paulkish.com  
www.paulkish.com

Topic: Pattern recognition for physical evidence analysis and chemometrics  
Date: June 15-18, 2010  
Hosts: The Forensic Science Training Institute at Cedar Crest College (Allentown, PA).  
Info: This is a short course in multivariate statistical techniques intended as a practicum for Forensic Scientists. Participants will learn how these methods can be applied to their trade using real data from fire debris analysis (GC-MS gasoline), tool marks (striation patterns), glass (trace elemental composition), etc.  
Cost: $300  
http://www.cedarcrest.edu/forensic/10/2.htm
Topic: Inter/Micro 2010 Microscopy Symposium  
Date: July 12-16, 2010  
Hosts: To be held at the McCrone Research Institute in Chicago, IL.  
Info: Symposia topics during the first three days will cover techniques and instrumentation, environmental and industrial microscopy, and forensic and chemical microscopy. This year’s two-day workshop will be Animal Hair Identification taught by leading forensic microscopist Skip Palenik.  
Cost: $200 with preregistration  
Contact for Information:  
Therese Newman  
intermicro@mcri.org  
www.mcri.org/home/section/101-523/inter-micro-2010

Topic: Trace and impression evidence awareness  
Date: July 12-13, 2010  
Hosts: The Forensic Science Training Institute at Cedar Crest College (Allentown, PA).  
Info: This workshop will discuss the advantages of a multidisciplinary approach to evidence, with emphasis on trace and impression evidence. In this method, analysts from multiple sections discuss the case and decisions are made together regarding the best plan of attack for the analysis.  
Cost: $200  
http://www.cedarcrest.edu/forensic/10/3.htm

Topic: Introduction to LC/MS/MS for Forensic Toxicology  
Date: July 20-21, 2010  
Hosts: The Forensic Science Training Institute at Cedar Crest College (Allentown, PA).  
Info: This two day seminar will cover aspects of the analysis of drugs and metabolites from biological matrices by LC/MS/MS. Topics covered will include HPLC and MS/MS theory, column selection, method development focused on MS/MS detection, as well as HPLC and MS troubleshooting.  
Cost: $200  
http://www.cedarcrest.edu/forensic/10/4.htm

Topic: Solid Phase Extraction Workshop  
Date: July 27-28, 2010  
Hosts: The Forensic Science Training Institute at Cedar Crest College (Allentown, PA).  
Info: The solid phase extraction (SPE) workshop will focus on the theory and applications related to the field of SPE sample preparation. The primary focus of the workshop will be to familiarize the attendees with the various chemical properties associated with the most popular solid phases. The most up to date techniques in solid phase extraction will be emphasized. There will be special attention paid to forensic and clinical toxicological matrices and compounds.  
Cost: $200  
http://www.cedarcrest.edu/forensic/10/5.htm

Topic: Digital Forensic Research Workshop (DFRWS) 2010  
Date: August 2-4, 2010  
Hosts: To be held in Portland, OR.  
Info: The annual DFRWS conference allows leading digital forensics researchers from government, industry, and academia to present their work and results to fellow researchers and practitioners. Many of the most cited digital forensics papers have been presented at DFRWS and the annual challenge has spawned research in important areas. Initial results and tool prototypes are also presented during the Works in Progress and demo sessions.  
Cost: $500 for early registration before June 1st, $575 for registration after June 1st.  
Topic: Basic and Advanced Bloodstain Pattern Analysis  
Date: August 2-6, 2010 and August 9-13, 2010  
Hosts: Boston at the Suffolk University, Summer Institute  
Contact for more Info: Dr. Edward Bartick at ebartick@suffolk.edu

Topic: 10th International Symposium on the Analysis and Detection of Explosives (ISADE)  
Date: November 22-25, 2010  
Hosts: To be held at the The Shine Dome in Canberra, Australia.  
Info: The ISADE is a prestigious international conference that provides a stage for technical experts and Government leaders from around the world in the field of explosives. Concentrating on analysis and detection, the participants present results and discuss ground-breaking developments in this field. The Symposium is intended to cover: Reports of research on analysis methods and approaches; Reports of research on detection methodologies; Reports on the application of science in casework; and Discussion of developments in the field.  
www.ncfs.edu.au/isade.html

Topic: Basic Bloodstain Pattern Analysis Workshop  
Date: December 6-10, 2010  
Hosts: Presented by the Specialized Training Unit at the Metropolitan Police Institute of the Miami-Dade Police Department, Doral, Florida.  
Contact for Information:  
Toby L. Wolson, MS, F-ABC  
Miami-Dade Police Department  
Crime Laboratory Bureau  
Doral, FL 33172  
Twolson@mdpd.com

Topic: California Criminalistics Institute Courses (Sacramento, CA).  
Date: Year round  
For specific course information contact:  
CCI  
Sacramento, CA 95820  
www.cci.ca.gov

Topic: McCrone Research Institute Courses (Chicago, IL).  
Date: Year round  
For specific course information go to:  
http://www.mcri.org/home/section/10-15/mcri-course-listing