

National Institute of

Justice

NIJ

Forensic Science Training Development and Delivery Program

Brigid F. O'Brien

NIJ Program Manager

Investigative and Forensic Science Division





Forensic Science Training Development and Delivery Program

- Overview of the solicitation and program
- NIJ “Training” webpage
- Training courses:
 - Web-based training modules
 - Workshops and symposiums
 - Intensive training courses (>16 weeks)
- Continuing education units and training certificates

*All training courses are provided at **NO-COST** to state and local forensic science and criminal justice practitioners. This includes travel, lodging, and per diem associated with the course.*



Training Solicitation

To address the critical need for training, NIJ seeks proposals for:

- Development and delivery of new forensic science training curricula
- Delivery of existing curricula to deliver content through various training mechanisms

Delivery mechanisms:

Traditional classroom Web-based

Hands-on laboratory “Blended” learning

Priority content areas:

Vary by year and are determined by the needs of the forensic science community



Funding Mechanism

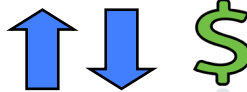


Application   



State, local governments, non-profit, for profit, institutions of higher education, etc.

Registration, applications,
information about course



Registration costs
Travel, lodging, per diem



State and local forensic analysts and
criminal justice practitioners

What is *not* funded: State and local law enforcement agency requests for forensic science training



NIJ Training Website

<http://www.ojp.usdoj.gov/nij/training/welcome.htm>

Training | National Institute of Justice

http://www.ojp.usdoj.gov/nij/training/welcome.htm

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Training

Forensic DNA Training (DNA.gov)

Training and Technical Assistance Resources

Related Content

First Responder Training (DHS-FEMA)

Training and Technical Assistance Center for Victim Services (OVC)

Law Enforcement Training Database (BJA)

Viewing some content on this page may require a [free plugin application.](#)

Training

[E-mail updates](#) ✉

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- Sort the Table — Select a column head. Sort multiple columns by holding down the shift key and clicking additional columns.
- [Show Web courses first.](#)
- [Show Classroom courses first.](#)

Course	Audience	Registration	Starts	Days	Location
DNA Academy (Northeast Regional Forensic Institute)	Forensics	Closed Free	July 27, 2009	16 weeks!	Albany, NY
Forensic Y-STR Training	Forensics	Closed	Oct 19, 2009	5	Huntington, W.Va. (Marshall University)
Latent Print Examiner Program (pdf, 2 pages)	Forensics	Closed	Oct 19, 2009	5	Largo, Fla.

Text size: + -

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Forensic Pathology Fellowship

NIJ is sponsoring four one-year fellowships in forensic pathology. The fellowships:

- Fulfill requirements for Board certification.
- Are offered by the Virginia Institute of Forensic Science and Medicine in partnership with the Office of the Chief Medical Examiner and the Department of Pathology, Virginia Commonwealth

Done



DNA Web-based Training

- Web-based training: dna.gov
- Forensic Training Network:
Online Self-Learning Modules for New Forensic DNA Analysts

<http://www.forensic-training-network.com>

- * Fundamental Biology & Genetics of Forensic DNA Testing
- * Forensic DNA Testing Basics
- * Biological Evidence Screening & Serology
- * Forensic DNA Testing Markers & Methods
- * DNA Extraction for Forensic STR Analysis
- * DNA Quantification for Forensic STR Analysis
- * Forensic STR Amplification
- * Capillary Electrophoresis for Forensic STR Analysis
- * Forensic STR Data Analysis
- * Forensic STR Data Interpretation
- * Forensic DNA Testing Quality Assurance & Validation
- * Forensic DNA Databases & Courtroom Considerations



DNA Workshops

- Marshall University:
Advanced DNA Technologies Training
ABI 3130 Capillary Electrophoresis
GeneMapper™ ID Data Analysis and Capillary Electrophoresis artifacts
YSTR Analysis Training
Y-STR Introduction and History
Y-STR Real-Time PCR using the Applied Biosystems 7500:
Y-STR Statistics and Utilizing the US Y-STR Database
- Florida International University: Workshops in Advanced DNA Typing Analysis and Population Statistics
- NFSTC: DNA - Emerging Technologies Workshops
- Boston University: Complex DNA Mixture Analysis
Course material will be available on-line for most courses



General Forensics Web-based Training

Firearm Examiner Training:

Information addressed in this interactive training program is delivered in fourteen modules, including: firearms history, manufacturing, ammunition, firearms and projectiles examination, evidence collection, residue, comparisons and toolmarks.

<http://projects.nfstc.org/firearms/>

The screenshot shows a web browser window titled "Firearm Examiner Training" with the URL <http://projects.nfstc.org/firearms/>. The page features a blue header with the title "Firearm Examiner Training" and a "Submit Change Request" link. A navigation menu includes "Home", "Index", "Glossary", "Site Map", and "User Guide". The main content area displays a "Welcome!" message and a list of 13 modules:

- 01: Introduction
- 02: History
- 03: Propellants, Firearms, and Ammunition Development
- 04: Modern Firearms Manufacture
- 05: Small Arms Ammunition
- 06: Evidence Handling Procedures
- 07: Equipment and Instrumentation
- 08: Examination of Firearms
- 09: Cartridge and Shotgun Examination
- 10: Characterization and Evaluation of Fired Projectiles
- 11: Bullet Comparison and Identification
- 12: Gunshot Residue and Distance Determination
- 13: Toolmark Identification

The page also includes a sidebar with a list of modules and a "Resources" section. An image of a bullet and a ruler is visible on the right side of the main content area.



Forensiced.org

Online Forensic Science Continuing Education and Training – RTI International

forensiced.org https://www.forensiced.org/ nij training

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cfs-forensic-ed@rti.org
1-866-252-8415

[What are forensic science professionals saying about us?](#)

Future Courses

Advanced LC/MS/MS

Fundamentals of QA/QC in the Forensic toxicology lab

Forensic Science Continuing Education Course List

Web-based professional development and continuing education for forensic scientists

Courses:

To register for a course please click on the course name to expand its contents. Then select the registration button, or choose a time and date to attend from the drop-down menu and press Go.

If you don't see a course you need please [complete a survey](#) and submit your feedback.

Whitehouse Subcommittee on Forensic Sciences address to Society of Forensic Toxicologists	Special Event
	Live Webcast
Forensic Anthropology: Mapping and exhumation of clandestine burials	Coming soon
	Pre-registration open!
<i>WebTalk with the Author</i>	
Discuss <i>Concentration of Oxymorphone in Postmortem Fluids and Tissue</i> with co-author Dr. Ruth E. Winecker	New dates available
Answering the NAS: The Ethics of Leadership and the Leadership of Ethics (Ethics II)	New dates available
Introduction to Uncertainty in Forensic Chemistry and Toxicology	Now available on-demand!
To Hell and Back:	Now available on-demand!
The Ethics of Stewardship and the Stewardship of Ethics	ACCENT@ credit available!
	ACCENT@ credit available!
SOP Writing for ISO 17025 Accreditation	Now available on-demand!

Done



General Forensics Workshops

- McCrone College of Microscopy:
 - Modern Polarized Light
 - Scanning Electron Microscopy
 - Particle Isolation, Manipulation and Mounting
 - Infrared Microscopy (FTIR)
 - Raman Microscopy
- Pattern Evidence Training at NFSTC
- ATF National Firearms Examiner Training Academy
- Basic and Advanced Medicolegal Death Investigation Training at New York City - Office of the Chief Medical Examiner
- Leadership Assessment: Developing the Next Generation of Leaders at NERFI



Important Information

- Training courses are posted on NIJ's "Training" page prior to registration opening
- Email subscription
- Registration/applicant selection/travel arrangements: Grantee (Educational institution holding the training course)
- Feedback/comments/training needs:
brigid.obrien@usdoj.gov