

Advanced DNA Technologies Training

Free DNA Training

Receive FREE advanced DNA laboratory training at the Marshall University Forensic Science Center in Huntington, WV. This week-long, hands-on training session is taught by qualified DNA trainers and covers a wide range of topics. Employees of laboratories who wish to develop a high-throughput testing format or are switching from a gel-based analysis to capillary systems will benefit from this training. MUFSC can also customize training to meet the specific needs of participants. Individuals interested in this training should have a basic knowledge of DNA applications for forensic testing.

Funding

Marshall University Forensic Science Center received federal funds from the National Institute of Justice to provide advanced DNA training to forensic scientists through the President's DNA Initiative Advancing Justice Through DNA Technology. The project is funded under support of cooperative agreement 2001-RC-CX-K002.

To learn more about the President's DNA Initiative please visit the official website:
<http://www.dna.gov>

To learn more about the NIJ please visit their official website: <http://www.ojp.usdoj.gov/nij/>

Applicant Requirements

- Employed by an accredited forensic crime laboratory
- Currently employed as a DNA Analyst or directly related position
- Have a desire to expand professional knowledge of DNA analysis
- Complete pre-workshop exercises, readings and documentation as requested
- Be willing to actively participate in classroom activities and discussions
- Be willing to travel to attend training

Inquire About Training



Contact the training coordinator at:
Telephone: 304-690-4363 x201
Alternate: 304-690-4363 x204
Fax: 304-690-4360
Email: jafry@marshall.edu

Training Module

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| 01 | ABI 3130 Capillary Electrophoresis |
| 02 | ABI 3130 Calibrations & Preventative Maintenance |
| 03 | ABI 7500/Quantifiler™ Real-Time PCR quantification |
| 04 | GeneMapper™ ID Data Analysis and Capillary Electrophoresis artifacts |
| 05 | Forensic Automation and LIMS including: <ul style="list-style-type: none">• Beckman Coulter Biomek™ 2000 liquid handler and Promega DNA IQ™ extraction• Quantifiler™ plate set-up on Biomek™ 2000 & ABI 7500 SDS run• ABI Identifiler™ Amplification set-up on Biomek™ 2000• Biomek™ 2000 Normalization Wizard * Use of instruments and software kits is not necessarily an endorsement of the product. |

Accommodations

All reasonable travel expenses will be paid to participants under support of the President's DNA Initiative. Airfare and hotel will be arranged and billed to the Marshall University Forensic Science Center (MUFSC). A rental car for each agency will be reserved for participants coming into the Yeager Airport in Charleston, WV. A free shuttle service provided from the Tri-State Airport in Huntington, WV to the hotel and from the hotel to the MUFSC training sessions will be arranged. Some travel fees must be paid by the participant or the agency at the time of travel and will be reimbursed. Meals are paid at the standard state government per diem rate of 35 dollars a day and do not require receipts. Rental car, gasoline, airport parking and any other reasonable cost must have original itemized receipts to be considered for reimbursement on the travel settlement. You will be contacted by the training coordinator with the details of your travel arrangements after you have been accepted into training session.

In compliance with Titles II and III of the Americans with Disabilities Act, please notify us of any special accommodations needed. If you have any special dietary considerations, please let us know as well.