

Julia Washington

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Employment

Firearm and Toolmark Analyst Trainee; Firearms Examination Unit, Department of Forensic Sciences, District of Columbia Consolidated Forensic Laboratories, 401 E Street SW, Washington, DC 20024. March 17th, 2019 to present.

- Basic testing and troubleshooting for casework and accreditation
- Administrative Review and Technical Review of case files
- Test firing of firearms submitted to unit
- Serial Number Restorations
- NIBIN (National Integrated Ballistics Information Network) preparatory work
- NIBIN (National Integrated Ballistics Information Network) Acquisitions
- Examination of fired ammunition components
- Acts as the evidence coordinator (when needed)

Forensic Science Technician: Firearms Examination Unit, Department of Forensic Sciences, District of Columbia Consolidated Forensic Laboratories, 401 E Street SW, Washington, DC 20024. December 1st, 2014 to March 15th, 2019.

- Administrative Review and Technical Review of case files
- Test firing of firearms submitted to unit
- Intake of Evidence
- Daily Statistics
- Serial Number Restorations
- NIBIN (National Integrated Ballistics Information Network) preparatory work
- NIBIN (National Integrated Ballistics Information Network) Acquisitions
- NIBIN (National Integrated Ballistics Information Network) Correlation Reviews
- WALES (Washington Area Law Enforcement System)/NCIC (National Law Enforcement Information Center) Checks
- Handles E-trace information for ATF after Serial Number Restorations have been performed
- Acts as the evidence coordinator (when needed)

Volunteer, Department of Forensic Sciences, District of Columbia Consolidated Forensic Laboratories, 401 E Street SW, and Washington, DC 20024. August of 2014 to November of 2014.

- Handling of evidence and designating the proper analysis
- Maintained chain of custody
- Prioritized and prepared case files for processing
- Assisted with individual labs such as DNA and the Latent Fingerprint Unit.
- Reached out to detectives on all latent print cases
- Maintained daily statistics

Laboratory Assistant, Southern Wesleyan University, 907 Wesleyan Drive, Central, SC 29630 October of 2010 to December of 2012

- Prepared and set up physics and physical science laboratories weekly
- Monitored student's laboratory activities
- Advised students with various laboratory technique
- Provided needed assistance outside of class
- Enforced safety and hazardous waste protocols
- Administered QA/QC

Education

- 2012, Bachelor of Science, Forensic Science, Southern Wesleyan University, Central, SC.

Professional Memberships

- Association of Firearm and Toolmark Examiners, Provisional Member, April 2020

Training Received

- Mideo Systems Training: Caseworks & Firearms Workflow User Training; Washington, D.C., March 3, 2021
- Diversity and Inclusion Training: Ethics and Best Practices; Webex, October 22, 2020
- Diversity and Inclusion Training: Social Media and Ethics; Webex, October 22, 2020
- Diversity and Inclusion Training: Local Hatch Act Training; Webex, October 19, 2020
- Diversity and Inclusion Training: 360 Townhall; Webex, September 30, 2020
- Diversity and Inclusion Training: Racial Sensitivity: Moving Beyond Barriers to Build Bridges; Webex, September 16, 2020
- QPAR/QCAR Training; Quality Department of Forensic Sciences, September 15, 2020
- FEU Dowel Rod Training; Department of Forensic Sciences, September 10, 2020
- Leica DVM6 Training; Leica representatives (Gretchen and Nick), August 26, 2020
- Firearms Mideo Training (Serial Number Refresher), Washington, D.C. – July 20, 2020
- The Basics of Coronavirus; Webex, June 22, 2020
- The Basics of Contact Tracing; Webex, June 22, 2020
- FEU 360, Department of Forensic Sciences, Washington D.C., June 16 – 18, 2020
- Validation Studies (Consecutive Manufactured Ruger Barrels), May 2020
- Validation Studies (Consecutive Manufactured Hi-Point Slides), January 2020
- DC OCME Field Disaster Morgue, Washington, D.C. OCME, Washington, D.C., July 19, 2018
- Shooting Incident Documentation, TRITECH Forensics, Washington, D.C., April 9 – 11, 2018
- Glock Armorer's Course Re-Certification, National Rifle Association, Fairfax, VA, March 7, 2018
- Giglio/Brady/Discovery Seminar, Washington, D.C., December 7, 2017
- DC OCME Field Disaster Morgue, Washington, D.C. OCME, Washington, D.C., July 27, 2017
- Fixed Disaster Morgue Training, Washington, D.C. OCME, Washington, D.C., July 14, 2017
- Firearms Mideo User Training, Department of Forensic Sciences, Washington, D.C., June 26, 2017 – June 27, 2017
- Mock Trial Court Testimony Training, Department of Forensic Sciences, Washington, D.C., June 8, 2017
- NIBIN Triage Training, Huntsville, AL, January 15-19, 2017
- Moot Court Testimony Training, Washington, D.C., December 20, 2016
- Glock Armorer's Course, National Rifle Association, Fairfax, VA, October 27, 2015

- WALES/NCIC Training, Washington, D.C. Metropolitan Police Academy, Washington, D.C., September 25, 2015
- LIMS Training, Department of Forensic Science, Washington, D.C., October 7, 2015
- Integrated Ballistics Identification System Data Acquisition, Department of Justice Bureau of Alcohol, Tobacco, Firearms and Explosives, Beltsville, MD, September 21-24, 2015
- ASCLD/LAB-International, Measurement Confidence for the Forensic Laboratory, Washington, D.C., September 11, 2015
- Benelli M-Series Armorer Course, National Rifle Association, Fairfax, VA, August 18, 2015
- Serial Number Restoration (State and Local), Department of Justice Bureau of Alcohol, Tobacco, Firearms and Explosives, Beltsville, MD August 3-5, 2015
- Heckler and Koch HK Armorer USP/MP5/HK416 Course, Ashburn, VA, June 30, 2015
- Firearm Technician Training, Department of Forensic Science, Washington, D.C., January 25, 2017
- Firearms Safety Training, Department of Forensic Science, Washington, D.C., January 16, 2015

Forensic Laboratories and Other Institutions Visited for Training and Liaison

- AFTE Regional Conference, FBI Laboratory, Fredericksburg, VA, November 1-2, 2018
- Career Day, Whittier Education Campus, June 01, 2018
- Bureau of Alcohol, Tobacco, Firearms and Explosives, NIBIN National Correlation and Training Center, Huntsville, AL, January 15-19, 2017
- Ammunition Manufacturing Tours: Lake City Army Ammunition Plant, Starline Brass, Sierra Bullets, Hornady, Midwest, August 15-19, 2016
- Washington, D.C. Metropolitan Police Academy, Washington, D.C., October 25, 2015
- AFTE Regional Conference 2015, FBI Laboratory Quantico, VA, October 15 -16, 2015
- Bureau of Alcohol, Tobacco, Firearms and Explosives, Beltsville, MD, August 2015 and September 2015
- The Smithsonian Institution; American History Museum, Washington, D.C., March 19, 2015
- NRA National Firearms Museum, Fairfax, VA, March 13, 2015

Presentations/ Lectures Given

- Introduction to Firearms: Firearms & Toolmark Evidence & Examination; American University, Webex, February 25, 2021
- "Firearms Examination Unit Overview and Services"; Department of Forensic Sciences, August 1, 2017
- "The Manufacturing of Ammunition"; Department of Forensic Sciences, May 6, 2015
- "The Manufacturing of Firearms"; Department of Forensic Sciences, April 24, 2015
- "The Evolution of Firearms, Propellants, and Ammunition"; Department of Forensic Sciences, February 20, 2015

Training Given

- "Measuring General Rifling Characteristics on Different Microscopes in FEU"; FEU Department of Forensic Sciences, October 7, 2020
- Serial Number Restoration Training; Department of Forensic Sciences, February 24-28, 2020
- Trained NIBIN contractor in LIMS and NIBIN process; Department of Forensic Sciences
- Serial Number Restoration Chemical Training; Department of Forensic Sciences, August 7, 2019
- "Zip-Tie Refresher Training"; Department of Forensic Sciences, October 17, 2018

Presentations/ Lectures Attended

- Communications and Emergency Situations – HSEMA, Mass Fatality Committee, Department of

Forensic Sciences, January 22, 2020

- Subclass Characteristic Workshop, Nancy D. McCombs, AFTE Certified Firearms Examiner, American Board of Criminalistics Certified, August 25, 2016
- Overview of Technology and Recent Studies, Jennifer Stephenson, FBI – Visiting Scientist Program, October 15, 2015
- OCBULL3T EVOFINDER Correlation Performance, Thomas Matsudaira, Orange, Co. Crime Lab, October 15, 2015
- Towards3D: Recent results using Top Match, a Gel-sight Based 3D-Topography Imaging and Analysis System for Firearm Forensics, Ryan Lilien, CADRE Forensics, October 15, 2015
- Overview of FBI Terminal Ballistics, Alan Marshall, Defense Systems Unit- FBI, October 15, 2015
- Terminal Effectiveness of Mk318 Mod 1, Salvatore Fanelli, USMC-PM-IWS: IW, October 15, 2015
- Testimony & current court challenges relating to firearms/tool marks, Paula Wulff, FBI- Office of General Counsel, October 15, 2015
- “So, You Don’t Own a Confocal...”, Adam Harley- Independent Examiner, October 15, 2015
- How does the FBI Lab Deploy? Heather Seubert, FTU – FBI & Paula Ernst, OPU – FBI, October 15, 2015
- FBI NIST Research Collaboration, Erich Smith, FTU– FBI & Alan Zheng, NIST, October 15, 2015
- The Smithsonian Institution; American History Museum, Washington, D.C., March 19, 2015
- NRA National Firearms Museum, Fairfax, VA, March 13, 2015

Awards Received

- Outstanding Performance and Dedication on a high profile expedited Homicide Case in FY2020, Firearms Examination Unit, December 18, 2020
- Outstanding Achievement with an Expedited NIBIN entry in FY2019, Firearms Examination Unit, December 20, 2019
- Highest Number of Test Fires in FY2018 Award, Firearms Examination Unit, December 13, 2018
- April Employee of the Month, Department of Forensic Sciences, April 1, 2018
- Appreciation Award, Firearms Examination Unit, March 5, 2018

Testimonies on Record

- Operability/Functionality of a Firearm/NIBIN Preparatory Process, Washington, D.C. Superior Court, 7/29/2019
- Operability/Functionality of a Firearm, Washington, D.C. Superior Court, 7/3/2019
- Operability/Functionality of a Firearm, Washington, D.C. Superior Court, 5/21/2019
- Operability/Functionality of a Firearm, Washington, D.C. Superior Court, 7/24/2018
- Operability/Functionality of a Firearm, District Court of Maryland for Prince George’s County (1X), 6/13/2018
- Operability/Functionality of a Firearm, Washington, D.C. Superior Court, 7/1/2016

Last revised: March 09, 2021