

**Kristina Goodson**  
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Rowlett, TX

**EDUCATION**

Defiance College, Defiance, OH  
Graduation Date: May 9, 2010

Bachelor of Science in Forensic Science  
GPA: 3.38

**QUALIFICATIONS**

**Software:** Justice Trax—Laboratory Information Management System (JusticeTrax—LIMS) and Microsoft Office Word, Excel, PowerPoint, and Outlook

**Professional Organizations:** Association of Firearm and Tool Mark Examiners (AFTE) Provisional Member since April 2012

**Related Coursework:** Science Courses: General Chemistry I & II, Organic Chemistry I & II, Human Anatomy & Physiology I & II, Physics I & II, Genetics, Molecular Biology, Biochemistry I, Quantitative Analysis, Forensic Science I & II, Natural Science Seminar (57.5 credits total); Criminal Justice Courses: Introduction to Criminal Justice, Criminal Law, Criminal Evidence and Procedure, Criminal Investigation, Introduction to Criminology (15 credits total); Math Courses: Behavioral Statistics, Pre-Calculus (7 credits total)

**EXPERIENCE**

**Texas Department of Public Safety**, Austin, TX

Forensic Scientist I - Firearm and Tool Mark Examiner (December 2010 to Present)

Full Time (40 hours per week)

- Currently completing firearm and toolmark supervised casework in which I handle submitted evidence and examine according to the Texas Department of Public Safety (TX DPS) Crime Laboratory standard operating procedures
- Completed 15 firearms cases as of September 2012; cases reported using Justice—Trax LIMS
- Casework includes firearms, toolmarks, distance determination, caliber and weapon type, and serial number restoration examinations
- Completed the TX DPS Crime Laboratory Firearms and Tool Mark Examiner training program as of July 2012 which encompassed microscopic comparisons of projectiles, microscopic comparisons of cartridge cases, microscopic comparisons of shotshells, microscopic comparisons of tool marks, history of firearms examination, manufacturing of firearms and ammunition, distance determination, and serial number restoration
- Completed 15 Collaborative Testing Services, Inc. (CTS) firearm and tool mark proficiency tests, consisting of 5 cartridge case proficiencies, 5 projectile proficiencies, and 5 toolmark proficiencies
- Court room testimony experience from moot court at the end of training at TX DPS
- Attended the National Integrated Ballistics Information Network (NIBIN) training course in Largo, FL during April 2011
- Completed 63 NIBIN-only cases as of August 2012; recent cases reported using Justice-Trax—LIMS

**Lake County Crime Laboratory**, Painesville, OH

Volunteer Intern (approximately 100 hours completed from August 2009 to November 2009)

- Gained knowledge on how latent prints are examined and how the Automated Fingerprint Identification System (AFIS) is used to find potential fingerprint matches
- Obtained experience changing a gas tank for the Gas Chromatograph
- Observed testing of suspected illegal drugs confirmed to be marijuana, cocaine, and heroin
- Gained experience using a comparison microscope to examine fired cartridge cases and projectiles

**Toledo Crime Laboratory**, Toledo, OH

Volunteer Intern (approximately 100 hours completed in July 2009)

- Obtained knowledge on the general duties of a firearms examiner including documentation test fires, and microscopic comparisons
- Observed an autopsy and the testing of suspect illegal drugs confirmed to be marijuana and cocaine

**Mentor Police Department**, Mentor, OH

Volunteer Intern (approximately 100 hours completed from July 2008 to November 2008)

- Shadowed multiple sections of the Police Department including the Detective Bureau, Municipal Court, Police Administration, Dispatch, Records, and K-9 Unit training
- Observed and participated in the Mentor Police Department's Active Shooter Training

## **PROJECTS & ACTIVITIES**

- Participated in TX DPS firearm and toolmark section discussions regarding distance determination cases being worked. The examiner(s) involved in the case would explain what facts they already knew from examining the evidence and would ask for questions or comments. Other discussions include how to implement upcoming policies and procedures.
- Complete performance verification checks at TX DPS on instruments such as a comparison microscope, calipers, and a digital scale once or twice yearly depending on the standard operating procedure for each instrument
- Attended Glock (April 2011) and Sig Sauer (March 2012) armorer's courses. Gained knowledge on how all the parts of the firearm function together. Obtained the skills required to disassemble and reassemble the respective firearm in each course.
- Senior Research Project at Defiance College: *The Effect of Blood Hematocrit on Spatter Analysis*. The objective was to determine the effect of blood spatter by varying the hematocrit level, the height from which the blood was dropped, and the surface upon which the blood was dropped. Gained experience in preparing a research proposal and oral defense and collaborated with faculty to further project milestones.
- Zonta Group of Defiance (Defiance, OH) Forensic science presentation on fingerprints in February of 2009. Explained general information about fingerprints as well as demonstrated the proper method of rolling, dusting, and lifting fingerprints to local high school students