

Job Title: FORENSIC SCIENTIST TRAINEE OPT. A- Firearms/Toolmarks 1589700

Requisition ID **4824** - Posted **07/22/2021** - (Chicago - 1941 W Roosevelt Rd)

(Sciences and Natural Resources) - **Chicago Region** - (Cook; Sangamon; Kane; Madison; Winnebago; St._Clair; Will; Kankakee; Union; Lake; LaSalle; Johnson; DeWitt; McLean; Marshall; Greene; Hamilton; Logan; DuPage; Piatt; Lee; Calhoun; Pike; Cass; Bond; Iroquois; Vermilion; Jersey; Lawrence; Hancock; McHenry; Schuyler; Perry; Henry; Clinton; Stark; Ogle; Champaign; Morgan; Jasper; Edwards; Menard; Woodford; Gallatin; Douglas; Saline; Scott; Cumberland; Knox; Warren; Boone; Monroe; Brown; Alexander; Effingham; Christian; Fayette; Franklin; Jo_Daviess; Grundy; Richland; Carroll; Marion; Coles; Pulaski; DeKalb; Washington; Clark; Peoria; Rock_Island; Ford; Tazewell; Livingston; Massac; Whiteside; Jefferson; Mercer; Jackson; Randolph; Edgar; Moultrie; Shelby; Mason; Clay; Wabash; Bureau; Pope; Henderson; Stephenson; Hardin; Fulton; Crawford; Kendall; Macon; White; Macoupin; McDonough; Montgomery; Adams; Williamson; Wayne; Putnam)

Agency: Illinois State Police

Closing Date/Time: 08/04/2021

Salary: \$4,490-\$6,033 MONTHLY

Job Type: Salaried Full Time

County: Cook; Adams; Alexander; Bond; Boone; Brown; Bureau; Calhoun; Carroll; Cass; Champaign; Christian; Clark; Clay; Clinton; Coles; Crawford; Cumberland; DeKalb; DeWitt; Douglas; DuPage; Edgar; Edwards; Effingham; Fayette; Ford; Franklin; Fulton; Gallatin; Greene; Grundy; Hamilton; Hancock; Hardin; Henderson; Henry; Iroquois; Jackson; Jasper; Jefferson; Jersey; Jo_Daviess; Johnson; Kane; Kankakee; Kendall; Knox; LaSalle; Lake; Lawrence; Lee; Livingston; Logan; Macon; Macoupin; Madison; Marion; Marshall; Mason; Massac; McDonough; McHenry; McLean; Menard; Mercer; Monroe; Montgomery; Morgan; Moultrie; Ogle; Peoria; Perry; Piatt; Pike; Pope; Pulaski; Putnam; Randolph; Richland; Rock_Island; Saline; Sangamon; Schuyler; Scott; Shelby; St._Clair; Stark; Stephenson; Tazewell; Union; Vermilion; Wabash; Warren; Washington; Wayne; White; Whiteside; Will; Williamson; Winnebago; Woodford

Number of Vacancies: 6

Plan/BU: RC062

**Collective Bargaining Agreement language applies to this requisition:
Please follow the directions below when applying to this position.**

APPLY ONLINE FOR THIS POSITION

You WILL NOT be considered for the position if you attach a CMS100, CMS100B

**Posting Identification #
4284**

About this position

The Illinois State Police, Forensic Sciences Command, is looking to hire Forensic Scientist Trainees that will specialize in the area of Firearms / Toolmarks. This position participates in the Firearms and Toolmarks Training Program and completes assigned work assignments that prepare the employee for advancement into the role and responsibilities of a Forensic Scientist. The ideal candidate will be able to leverage their academic knowledge, and any applicable experience, to develop and demonstrate their outstanding analytical, communication, and interpersonal skills that are required both within the laboratory and outside, during constant interaction with co-workers, laboratory staff

members, and personnel from law enforcement and the court system. Forensic Science is a discipline that is recognized and applicable on an international basis, and allows for on-going growth, specialization, and advancement. The Illinois State Police, Forensic Sciences Command, is an organization that strives for excellence in all we do, and we are accountable for always having the courage to do what is right, even when no one is observing or evaluating. We welcome interested applicants who are looking to start their Forensic Scientist career by becoming a member of our world-class team. If you fit this description, apply today.

Job Responsibilities

40% 1. Under immediate supervision, participates in the Firearms and Toolmarks Training Program in the Illinois State Police (ISP) Forensic Services Division:

- Develops knowledge, understanding, and technical skills related to the techniques, equipment, and technology used to examine firearms and toolmarks evidence
- Develops and maintains the ability to perform the techniques and procedures in the collection, reception, handling, preservation and examination of physical evidence
- Demonstrates proficiency in the techniques, instrumentation, and technology taught via various examinations in specialty areas, including, but not limited to:
 - Bullet and cartridge case comparisons
 - Firearm operating conditions and mechanical principles including understanding of disassembly, reassembly and troubleshooting of malfunctioning firearms
 - Range determinations
 - Serial number restoration
 - Toolmark comparisons and the mechanical principles, understanding and operation of a tool in order to better understand the marks made by the tool and the significance of those marks
 - Casting techniques
- Completes assigned research projects and work assignments

20% 2. Prepares written reports on the results of examinations, statistical analysis and research projects

Job Responsibilities (continued)

20% 3. Establishes and maintains positive, professional relationships with coworkers, other laboratory staff members, law enforcement agency personnel and court system personnel including attorneys and judges:

- Shares developed knowledge and information related to division programs
- Participates in laboratory meetings to facilitate accomplishment of program objectives

10% 4. Participates in general training activities *including but not limited to* providing and presentation of courtroom testimony, case review, pre-trial conferences, mock trials and observation of actual courtroom procedures and demeanor, maintenance of and performance checking sensitive scientific instruments, chemical preparation and use and quality assurance (QA) and quality control (QC)

Job Responsibilities (continued)

5% 5. Leverages additional training and learning resources pertinent to the duties of the position to improve expertise in the techniques, equipment and technology used to examine firearms and toolmarks evidence:

- Reviews books, journals, periodicals, Internet-based articles, and other materials
 - Attends lectures, seminars, conferences and other training and learning activities
- Obtains and maintains current on new, trending and/or unproven techniques, equipment and technology used to examine firearms and toolmarks evidence

5% 6. Other duties as required or assigned.

Required Qualifications

1. Bachelor's degree in Forensic Science or Natural Science *including* Agricultural Science, Animal Science, Biochemistry, Biology, Botany, Chemistry, Geology, Medical Technology, Physics, Preliminary Medicine or Zoology.
2. *Option A subsumes the laboratory discipline areas of firearms/toolmarks. Latent prints, questioned documents and imaging photography*

Preferred Qualifications (In order of significance)

1. Masters or PhD degree in Forensic Science or one of the Natural Sciences (see above)
2. Professional / Work experience in a general laboratory setting
3. Experience demonstrating a mechanical aptitude; that is, developing an understanding of, and then applying, mechanical principles; for example, the assembly, disassembly, and reassembly of a firearm, tool, machine, etc.
4. Experience processing evidence and presenting it, convincingly, in reports, both verbally and in writing
5. Experience screening and/or comparing physical evidence and other materials
6. Experience constructing court exhibits and court demonstration charts
7. Professional / Work experience communicating ideas effectively in oral and written form
8. Professional / Work experience establishing and maintaining satisfactory working relationships
9. Intermediate or Advanced proficiency in Microsoft Office, including Outlook, Word, and Excel
10. Professional / Work experience analyzing and correlating data
11. Experience in operating firearms safely

Conditions of Employment

1. Successful completion of initial and on-going, random, alcohol and drug screens
2. Successful completion of a background investigation
3. Successful completion of a polygraph examination
4. Ability to maintain credibility in providing courtroom testimony
 - a. Ability to adhere to Illinois State Police's ethical standards
 - b. Ability to adhere to Illinois State Police's policies and procedures
5. Ability to maintain minimum pace and quality standards within the training program
6. Ability to maintain minimum academic standards within the training program
7. Ability to travel on an as-needed basis
8. Ability to perform duties of an unpleasant nature; for example, processing violent crime scene evidence

About the Agency

The Illinois State Police strives for excellence in all we do, seeking to be one of the premier policing agencies in the country and promote public safety to improve the quality of life in Illinois. The Forensic Sciences Command is committed to serving the citizens of Illinois with the highest quality forensic analysis. We are accountable for always having the courage to do what is right, even when no one is observing or evaluating. The laboratories are committed to performing analysis to meet the needs of the public while promoting proactive partnership and strengthening relationships in the criminal justice community. The Illinois State Police standards of respect, fairness, honesty, and ethical conduct are exceedingly high. Believing in the Integrity of our actions and the Service we provide, the Illinois State Police takes Pride in the results that we achieve as a public service organization.

Work Hours: 8:30A - 5:00P MON-FRI

Work Location: 1941 W Roosevelt Rd., Chicago, IL 60608

Division of Forensic Services

Forensic Science Center at Chicago, Training & Applications Laboratory

Agency Contact: ISP.JOBPOSTINGS@illinois.gov

Job Function: Sciences and Natural Resources

APPLICATION INSTRUCTIONS

**** APPLY ONLINE ****

THE ISP IS A DRUG FREE WORKPLACE