



**PRINCE GEORGE'S COUNTY  
GOVERNMENT**

Office of Human Resources Management  
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<http://www.princegeorgescountymd.gov/>

**INVITES APPLICATIONS FOR THE POSITION OF:  
DNA FORENSIC CHEMIST III - 21-116-50-DV**

*An Equal Opportunity Employer*

**SALARY**

\$62,425.00 - \$139,127.00 Annually

**OPENING DATE:** 05/24/21

**CLOSING DATE:** 06/24/21

**THE POSITION**

**Come join our team! Located minutes from downtown Washington DC, Prince George's is the perfect family-friendly community to live, work, and play!  
We are Prince George's Proud!**

Located in the heart of the Baltimore/Washington corridor, Prince George's County borders Washington D.C. and is just 37 miles south of the city of Baltimore. Encompassing almost 500 square miles, Prince George's County has an urban atmosphere that still manages to provide a scenic and peaceful place to live, work, and play.

The Prince George's County Police Department is the fourth largest law enforcement agency in the State of Maryland. More than 1,500 police officers and 300 civilians provide a full range of law enforcement services to nearly 900,000 residents and business owners. We are proud to provide service to a diverse demographic and geographic area.

**About the Position:**

The Prince George's County Police Department is currently seeking highly qualified individuals to fill a vacant Forensic Chemist III position, grade P24, in its DNA Laboratory.

This is a senior/lead-level technical and professional position responsible for conducting serologic and DNA analysis on physical evidence submitted by law enforcement personnel. This analytical work involves potential contact with biohazards, chemical solvents, and reagents.

Work involves preparing summary findings and materials for use in testifying as an expert witness in criminal trial cases. The incumbent may perform lead work over subordinate level forensic chemists and perform the duties of Laboratory Manager in his/her absence.

Work is performed with a considerable degree of independence in accordance with established technical standards and policies based on the ability to analyze, identify and document physical evidence, and to offer effective case-related testimony. The incumbent may assist the Laboratory Manager in leading and training subordinate forensic chemists.

**The incumbent in this position is considered an "Essential" employee and may be required to report for work during natural/manmade disasters, and during special operations, as assigned. "Essential" employees are expected to report or remain at work when other county employees are granted Administrative Leave.**

**EXAMPLES OF WORK**

### **What You'll Do:**

- Conducts serological analysis on physical evidence to identify body fluids.
- Performs Short Tandem Repeat (STR) DNA analysis on evidence according to established protocols.
- Conducts qualitative analysis of the more difficult biological evidence.
- Testifies in court as required.
- Works in partnership with internal and external customers to assist in finding resolutions to immediate problems.
- Provides technical guidance and training to subordinate professional-level laboratory personnel.
- Advises the State's Attorney on the forensic aspects of cases and the preparation of testimonies concerning the analysis of biological evidence.
- Assists with specification and purchasing of new laboratory equipment.
- Assists with validations and quality control activities.
- Reviews Combined DNA Index System (CODIS) matches by researching match information with case folders and interacting with detectives.
- Perform other tasks and duties as assigned, which may not be specifically listed in the position description, however, are within the general occupational category and responsibility level typically associated with the employee's class of work.

### **MINIMUM QUALIFICATIONS**

#### **What You'll Need:**

- Bachelor's degree in Chemistry, Biology, Forensic Science, or other Physical Science, **including** course work totaling twelve (12) semester credit hours covering the subject areas of:
  - Molecular Biology, Biochemistry; Genetics, Population Genetics, and Statistics;
- Plus, five (5) years of relevant progressively responsible experience performing Short Tandem Repeat (STR) DNA analysis in a forensic laboratory setting.

**Candidates MUST submit a transcript with their application to confirm the twelve (12) semester credit hour requirements.**

An equivalent combination of education and experience will be considered. **EACH APPLICANT MUST INCLUDE INFORMATION THAT CLEARLY DEMONSTRATES THE ABOVE QUALIFICATIONS FOR THIS POSITION.**

**In addition to completing a Prince George's County employment application, the applicant MUST provide specific information relative to each of the areas referenced in the statement of the minimum qualifications shown above. The information provided will be used to examine the applicant's qualifications for this position. Also, applicants must submit college transcripts with their application.**

#### **Preferred Qualifications:**

- A Master's degree in a relevant field of Forensic Science.
- Ability to accurately identify body fluids, extract DNA, conduct DNA Analysis, and perform mixture interpretation.
- Testified in local and/or federal court system as an expert witness.
- CODIS trained and a current CODIS user.
- Knowledge and experience with EZ1 Advanced XL; QuantStudio 5 Real-Time PCR System; Veriti Thermal Cycler; 3500XL Genetic Analyzer; Globalfiler® PCR Amplification Kit; and, STRmix probabilistic genotyping.
- Ability to lead/guide subordinate laboratory personnel when necessary.

### **ADDITIONAL INFORMATION**

**CONDITIONS OF EMPLOYMENT:** Upon selection, the candidate must:

1. Pass a thorough background investigation.
2. Pass a drug screening.
3. Pass proficiency tests twice a year.
4. Attend continuing education relevant to forensic DNA analysis.
5. Have knowledge of Quality Assurance / Quality Control and Safety Protocol as required by ANSI National Accreditation Board (ANAB) and FBI Quality Assurance Standards (QAS) for Forensic DNA Testing Laboratory.
6. This is an essential position. Essential employees are expected to report during standard or non-standard hours as operations necessitate. Essential employees are expected to report or remain at work when other County employees are granted Administrative Leave.

**DURATION OF ELIGIBILITY:** Candidates will be selected from a temporary register of eligibles which will become effective approximately four (4) weeks after the closing date. Once a selection has been made, the register will expire.

**ELIGIBILITY TO WORK:** Under the Immigration Reform and Control Act of 1986, an employer is required to hire only U.S. citizens and lawfully authorized alien workers. Applicants who are selected for employment will be required to show and verify authorization to work in the United States.

This employer participates in E-Verify and will provide the federal government with your Form I-9 information to confirm that you are authorized to work in the U.S., only after an offer has been accepted and the Form I-9 is completed. For information on E-Verify, or if you believe the County has violated its E-Verify responsibilities, please contact the Department of Homeland Security (DHS) at 888-897-7781 or visit their website at [dhs.gov/e-verify](http://dhs.gov/e-verify).

**CLOSING DATE: ONLY ONLINE APPLICATIONS WILL BE ACCEPTED.** Applications must be submitted by 5:00 p.m. Eastern Standard Time (EST) on **June 24, 2021**.

***Prince George's County Government is an Equal Opportunity/Affirmative Action Employer  
Committed to Diversity in the Workplace***

APPLICATIONS MUST BE FILED ON-LINE AT:  
<http://www.princegeorgescountymd.gov/>

EXAM #21-116-50-DV  
DNA FORENSIC CHEMIST III - 21-116-50-DV  
DV

### **DNA FORENSIC CHEMIST III - 21-116-50-DV Supplemental Questionnaire**

- \* 1. I acknowledge and understand the responses to the supplemental questions must reflect the information provided under the "Work Experience" section of the application. My responses will be used to determine whether or not I possess the minimum qualifications required for the position.
  - Yes
  - No
- \* 2. What is your highest level of completed education?
  - Doctorate
  - Master's
  - Bachelor's
  - Associate's
  - High School diploma or G.E.D.
- \* 3. Which of the following best describes your major field of study?
  - Chemistry
  - Biology
  - Forensic Science

- Other
- Not Applicable

- \* 4. If you selected "Other" for question #3, please indicate the field of study?
  
- \* 5. Do you possess course work totaling twelve (12) semester credit hours covering the subject areas of Molecular, Biology, Biochemistry, Genetics and Population Genetics, or Statistics?
  - Yes
  - No
  
- \* 6. Candidates MUST submit a transcript with their application to confirm the twelve (12) semester credit hour requirement as stated in the minimum qualifications section of the job announcement. Please confirm if you have included a copy of your transcript in the employment application. Unofficial transcripts are acceptable at this time, if selected, official transcripts will be required at the start of employment.
  - I confirm that I have included a transcript with my employment application.
  - I have not included a transcript with my employment application.
  
- \* 7. Do you possess five (5) years of relevant progressively responsible experience performing Short Tandem Repeat (STR) DNA analysis in a forensic laboratory setting?
  - Yes
  - No
  
- \* 8. If you answered "Yes" to question #7, please describe your experience including the employer(s) name and date(s) of experience. "See Resume" will not be considered as an acceptable answer. If you answered "No", please indicate below with "N/A".
  
- \* 9. Do you possess experience in the following areas? CHECK ALL THAT APPLY.
  - Identifying biological fluids on items of evidence.
  - Extracting DNA, Performing real-time PCR, PCR, and capillary electrophoresis.
  - Performing manual mixture interpretation.
  - Evaluating samples using the STRmix probabilistic genotyping software.
  - Experience testifying in local and/or federal court system as an expert witness.
  - CODIS trained and a current CODIS user.
  - Dispositioning CODIS matches.
  - Experience training others in the area of forensic DNA analysis
  - Experience leading/guiding subordinate laboratory personnel.
  - Experience conducting laboratory validations.
  - None of the Above
  
- \* 10. If you selected any of the areas in question #9, please describe your experience; include the employer(s) name and date(s) of employment. "See Resume" will not be considered as an acceptable answer. If you answered "N/A", please indicate below with "N/A".
  
- \* 11. Have you been qualified as an expert DNA witness?
  - Yes
  - No
  
- \* 12. Are you a current PCEA member?
  - Yes     No
  
- \* 13. Will you now or in the future require visa sponsorship to work in the United States? (e.g. H-1B visa status)
  - Yes
  - No
  
- \* 14. Are you willing to participate as an "Essential" employee who is expected to report or remain at work when other county employees are granted administrative Leave?

- Yes
- No

\* Required Question