



**PRINCE GEORGE'S COUNTY
GOVERNMENT**

Office of Human Resources Management
1400 McCormick Drive, Suite 159
Largo, MD 20774
301-883-6330

<http://www.princegeorgescountymd.gov/>

**INVITES APPLICATIONS FOR THE POSITION OF:
Forensic Chemist**

An Equal Opportunity Employer

SALARY

\$51,357.00 - \$118,466.00 Annually

OPENING DATE: 07/15/22

CLOSING DATE: 08/31/22

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!**

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.

The Prince George's County Police Department is currently seeking highly qualified individuals to fill multiple vacant and anticipated vacant Forensic Chemist I/II position(s), grade P20/22, in its DNA Laboratory.

About this Position:

This is entry level professional technical forensic science work. Incumbents are assigned to the forensic DNA analysis laboratory where they perform routine methods and techniques involved in the preservation, examination, handling, and comparative analysis of items of evidence collected in criminal investigations. Routine work assignments are performed under close supervision by supervisory level Forensic Chemist and in accordance with established departmental policies and procedures, Federal and State guidelines, and accreditation standards. Incumbents are evaluated based upon their ability to analyze, identify and document evidence and to offer effective case related testimony at criminal court proceedings. Such incumbents prepare summary findings and materials for use in testifying as an expert witness in criminal court proceedings.

Work performed in the DNA Laboratory involves potential contact with biohazards including body fluids, which could carry contagious disease, and possible exposure to airborne particles, as well as toxic and/or caustic chemicals. The work is performed in both office and laboratory settings and requires special measures to safeguard workers against injury. Incumbents regularly use face masks, protective clothing, and nitrile gloves when collecting/examining evidence. This is a professional position responsible for conducting serological and DNA analysis on physical evidence submitted by law enforcement personnel.

The incumbent in this position is authorized to carry out those duties and responsibilities in accordance with the established performance standards and is subject to reporting and justifying task outcomes to those above him/her in the Department's chain of command.

Accountability Statement:

The incumbent shall not disseminate confidential information, administrative or operational, unless expressly authorized. Confidential information may not be discussed with other County employees (including individuals in the Police Department), except for work-related reasons, under terms and conditions of the Maryland Public Information Act. The incumbent in this position is deemed "essential personnel" and is subject to report during standard or non-standard hours as operations necessitate.

EXAMPLES OF WORK

What You'll Do:

- Completes all required Serology and DNA job trainings.
- Assists members of the DNA Laboratory with case file management and evidence management.
- Assists with intake of evidence.
- Assures quality assurance ensuring safety regulations and standards are followed at all times.
- Joins the proficiency test cycle once trained.
- Once trained, conducts serological analysis on physical evidence to identify body fluids and performs Short Tandem Repeat (STR) DNA analysis on evidence according to established protocols.
- Conducts quality control ensuring appropriate equipment usage and assisting with cleaning laboratory.
- Assists the CODIS Administrator with matches.
- Testifies in court as required.
- Performs 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 from an accredited college or university 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, and Population Genetics or Statistics.

Candidates MUST submit a copy of their Bachelor's Degree and transcript with their application to confirm they have completed the above listed coursework, totaling twelve (12) semester credit hours.

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.

ADDITIONAL INFORMATION

ADDITIONAL INFORMATION

Preferred Qualifications:

- **LOCATION:**
7600 Barlowe Road, Palmer Park, Maryland 20785

Preferred Qualifications:

- o A Master's degree in chemistry, biology, forensic science, or other related field of natural science.
- o Experience in how to accurately identify body fluids, extract DNA, conduct DNA Analysis, and perform mixture interpretation.
- o Experience testifying in local and/or federal court system as an expert witness.
- o CODIS trained and a current CODIS user.
- o 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.
- o Experience conducting forensic DNA analysis.
- o Experience handling evidence in an accredited forensic laboratory
- o
- o **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.

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

EXAM #05939
FORENSIC CHEMIST
TB

Forensic Chemist 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?

BS Degree
 MS Degree
 PhD

- * 3. Which of the following best describes your major field of study?
- Chemistry
 - Biology
 - Forensic Science
 - Other
- * 4. Have you successfully completed college coursework or classes covering the following subject areas: (Check all that apply.)
- Molecular Biology
 - Biochemistry
 - Population Genetics
 - Statistics
 - N/A
- * 5. If you selected any of the courses in question #4, please indicate the educational institution, title of the course, and date of completion of each course. If you selected "N/A", please indicate below with "N/A".
- * 6. Candidates MUST submit a transcript with their application to confirm the twelve (12) semester credit hour requirements as stated in the minimum qualifications section of the job announcement. Please confirm if you have included a copy of your transcript(s) 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 have professional experience in any of the following: (Check all that apply.)
- DNA extraction
 - DNA quantitation
 - DNA amplification
 - Capillary electrophoresis
 - Analysis of Short Tandem Repeat (STR) data
 - Writing technical/scientific reports
 - Evidence handling
 - Identification of biological fluids (serology)
 - N/A
- * 8. For all areas selected in question #7, please describe your work experience including the employer's name(s) and date(s) of employment. If you answered "N/A", please indicate below with "N/A".
- * 9. Have you been qualified as an expert DNA witness?
- Yes No
- * 10. Have you received CODIS training?
- Yes No
- * 11. Are you a current CODIS user?
- Yes No
- * 12. 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
- * 13. Are you a current Police Civilian Employee Association (PCEA) member?
- Yes No

* Required Question