

# **Miami Valley Regional Crime Laboratory**

## **Technical Leader of Serology-DNA**

We are seeking a highly motivated individual for the position of Technical Leader in Serology-DNA with the Miami Valley Regional Crime Laboratory in Dayton, Ohio. This is a civilian position assisting in law enforcement investigations. The laboratory performs case work for numerous agencies throughout Southwestern Ohio.

### **Position Description**

Oversee the performance of serological and DNA analysis on evidence submitted by law enforcement agencies. Prepare or review reports to submitting agencies and provide expert testimony in court when required. Maintain a good working relationship with investigating officers and courts. Assist law enforcement agencies at crime scenes, when necessary. Be comfortable advising about DNA collection in the Montgomery County Coroner's Office morgue.

Ensure the laboratory is properly equipped and supplied and that all personnel meet the criteria for their position. Conduct annual performance evaluations for section personnel and coordinate case management. Monitor productivity and approve working schedules and requests for leave. Participate on the Quality Committee and investigate and remediate nonconforming work. Annually, review all methods and propose new or modified procedures as needed. Follow all responsibilities as defined by QAS 5.2.5.

Must stay abreast of developments in the areas of serological and DNA analysis by reading current scientific literature and by attending lectures, meetings, seminars, and training sessions related to the field at least once a year.

Must undergo and successfully complete proficiency testing at regular intervals as described in the Quality Assurance Standards for Forensic DNA Testing Laboratories. Provide training to area law enforcement and medical personnel on the proper collection and handling of serological evidence. Also provide training to legal personnel on DNA technology.

### **Minimum Qualifications**

- Possess a Master's Degree in Forensic Science or biology-related area
- Minimum of three years of experience as a qualified forensic DNA analyst with an accredited laboratory where testing was conducted for the identification and evaluation of biological evidence for criminal matters
- Successfully completed 12 semester or equivalent credit hours (college or university defined passing grade) in college level (graduate and undergraduate) coursework in the following areas: biochemistry, genetics, molecular biology, and statistics or population genetics
- Possess good communication skills
- Familiar with body fluid identification tests for semen and blood
- Familiar with CODIS procedures and database operation

### **Desired Qualifications**

- Familiar with EZ1 Investigator Automated and manual organic differential extraction methods
- Familiar with PowerPlex Fusion 6C and Y-Filer amplification procedures
- Proficient in PopStats and generating Y-STR haplotype frequencies

### **Conditions of Employment**

- Candidates must pass a pre-employment drug screening test and undergo a criminal background check
- Candidates must provide a copy of their college transcripts at application
- The hired individual is considered a probationary employee for a minimum of one year from their start date

### **Salary**

Commensurate with experience

### **Application Process**

Download and complete the application found at  
[http://www.mcoho.org/MVRCL\\_Application.pdf](http://www.mcoho.org/MVRCL_Application.pdf)

Email the application along with a curriculum vitae and college transcripts to:

Matthew Juhascik (juhascikm@mcoho.org)

Applicants are subject to a background check, fingerprints, and drug screen.