

## **DNA Technical Leader/Analyst**

Want to change the world? Exciting nonprofit forensic lab seeks DNA Technical Leader / Analyst, remote or in Utah (preferred). Intermountain Forensics is The Little Laboratory That Could: Launched only three years ago, IMF now offers the most comprehensive forensic DNA services in the United States.

IMF expects significant continued growth, both in case work and adoption of new methods and technologies. (IMF is often provided early access to new developments.) Our mission is to ensure that the full power of forensic DNA will always be attainable, affordable, timely, transparent and of the highest possible quality. Services include Capillary Electrophoresis (STR/YSTR), Next Generation Sequencing (genetic genealogy, STR/YSTR), and Whole Genome Sequencing with our Novaseq 6000 (genetic genealogy). We also provide MVAC, Tissuelyser II (bone/teeth), etc., and our founder (Utah Cold Case Coalition) provides Forensic Investigative Genetic Genealogy. We are making history – for example, we were selected to identify the victims of the 1921 Tulsa Race Massacre.

## **Overview of Responsibilities**

Our current Technical Leader will be staying with IMF in a modified capacity, and will be available for transition. Responsibilities of the Technical Leader include:

- Conduct technical case review
- Evaluate and document approval of validations and performance checks, technical methods, educational and training records for newly qualified Forensic DNA personnel, review of internal and external DNA audit documents, training, quality assurance and proficiency testing programs, annual review of procedures.
- Provide guidance and monitoring of court testimony
- Interact with media and public
- Suggest strategic partnerships and assessment of new technologies, software, methods
- Propose new or modified analytical procedures
- Monitor and ensure compliance with Accreditation and FBI Quality Assurance Standards
- Monitor and ensure compliance with chain of custody procedures
- Monitor and ensure necessary training, competency testing, and proficiency testing

## **Additional Roles and Responsibilities**

- Perform STR DNA analysis of biological evidence, including comparison and interpretation of STR DNA profiles as well as statistical analysis as applicable
- Other interpretation and analysis (SNP, NGS, mtDNA) as needed
- Non-criminal casework (private testing, research, genealogy studies, etc.) as needed
- Provide court testimony as needed

## **Qualifications**

- Master's degree in a Biology, Chemistry or forensic science-related area. 12 semester (or equivalent) credit hours from a combination of the following subject areas: Biochemistry, Genetics, Molecular Biology, Statistics and/or Population Genetics
- One graduate level course registering three or more semester (or equivalent) credit hours in the above listed subject area(s)
- Coursework other than the above listed subject area may be substituted

#### **Minimum Experience Requirements**

Five years of Forensic DNA laboratory experience obtained at a laboratory where DNA testing was conducted for the identification and evaluation of biological evidence in criminal matters and obtained as a qualified DNA analyst on human DNA testing on forensic samples

#### **Minimum Certification Requirements**

- FBI Quality Assurance Standards auditor (within one calendar year of appointment)
- American Board of Criminalists diplomate certification or equivalent (within two calendar years of appointment)

#### **Hours/Compensation**

This position is a full-time position. Utah residence preferred, but remote position is possible. Base salary of \$75,000-80,000, subject to regular adjustment with growth of laboratory. Health, dental, and vision benefits available. Laboratory plans to add additional benefits such as 401(k) within next couple of years.

#### **To Apply**

Send your resume and cover letter via email to [deborah@intermountainforensics.com](mailto:deborah@intermountainforensics.com)

**Position closes on May 20<sup>th</sup>, 2022**