



Part-time Summer Intern Positions Available Center for Advanced Genomics in Charlottesville, VA

Forensic DNA Research Intern

This Intern will assist with:

- Molecular diagnostics analysis of samples as well as research and validation of new forensic technologies;
- Laboratory testing using various automated platforms and/or manual methods (e.g., microarray and MPS) on DNA isolated from blood, bone, saliva and other body tissues;
- Validation studies of new DNA methodology as well as established methods and procedures; and
- Analysis and interpretation of genotyping and sequencing results from diverse matrices.

Eligibility for Forensic DNA Research Internship:

Individuals currently enrolled in a forensic-accredited continuing education program (Bachelor or Master)

Bioinformatics Intern

This Intern will support SigSci's R&D efforts by:

- Developing tools for management, analysis and interpretation of other high-density microarray and whole genome sequencing data;
- Managing, manipulating, analyzing data using a combination of R, python, and UNIX tools;
- Conducting workflow benchmarking and documentation, identifying inconsistencies and resolving data problems.

Eligibility for Bioinformatics Internship:

Individuals with bioinformatics programming experience and expertise working with Linux-based bioinformatics command-line tools and analyzing data.

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