**Sherwood Lab: Research Assistant and Bioinformatics Analyst**

We are seeking outstanding candidates for experimental research technician and bioinformatics analyst positions focusing on advanced genome engineering and gene therapy in the lab of Richard Sherwood (<http://sherwoodlab.bwh.harvard.edu/>) in the Division of Genetics at Brigham and Women’s Hospital/Harvard Medical School. Our lab is a highly interdisciplinary and collaborative environment that combines CRISPR-Cas9 genome editing and genomic screening approaches with cutting edge machine learning and computational genetics approaches to understand how genomic variants contribute to complex human disease and to develop genetic treatments.

The experimental research technician position would involve stem cell culture, precision CRISPR-Cas9 genome editing techniques, genomic analysis, and molecular biology. A strong background in genetics and genomics and prior lab experience are required but not necessarily in the fields and techniques mentioned above. Our lab also has a strong computational component, so computational background is helpful but not essential.

The bioinformatics analyst position would involve performing large-scale genetic biobank data analysis and analysis of CRISPR-Cas9 and genomic screening data. The ideal candidate will have a strong programming background and be familiar with common bioinformatics approaches. The role requires strong problem-solving skills as well as the ability to efficiently communicate and interact with collaborators from clinical genetics, experimental and computational biology backgrounds.

Technicians are given autonomy to lead projects, and previously trained technicians have co-authored journal articles and moved on to MD and PhD programs. We are looking for someone who could commit 2-3 years to an exciting research position to prepare them for graduate/medical school. To apply, send a cover letter, CV, and names and contact information for two references to [rsherwood@bwh.harvard.edu](mailto:rsherwood@bwh.harvard.edu). BWH & HMS are affirmative action/equal opportunity employers.