

There is a **technical research assistant position** available in the laboratory of Prof. Martha Bulyk for a highly motivated individual with prior on-the-job experience in a molecular biology research lab. The lab is in the Division of Genetics at Brigham & Women's Hospital, part of the Harvard Medical School research community in Boston, MA. This research project will focus on interactions between transcription factors and their DNA binding sites in a variety of genomes, including human. These data will aid in understanding mechanisms of transcriptional gene regulation. In this project, you will gain valuable skills in: growth of bacterial cultures, preparation of bacterial glycerol stocks, PCR, DNA cloning, DNA gel electrophoresis, DNA sequencing, protein expression, protein biochemistry, protein gel electrophoresis, Western blotting, protein binding microarray experiments, fixation and staining of *Drosophila* embryos for immunohistochemistry, fly sorting, microarray data analysis, DNA sequence analysis, and protein sequence analysis. Other duties will include maintaining equipment and supplies.

A recent Bachelor of Science degree in a biological science is required. Applicants with a bachelor's degree in another area of concentration may be considered if the applicant has had significant coursework in the sciences, has the required prior laboratory work experience, and demonstrates strong potential. Applicant must be able to work in Windows PC and Linux environments and have basic computer proficiency. Some computer programming experience is recommended. A flexible work schedule is required. This position is ideal for a recent college graduate seeking to gain additional laboratory research experience. Fluent command of spoken and written English is absolutely required. The highly experienced individual who demonstrates good laboratory practices and interpersonal skills may have the opportunity for future supervisory roles.

This position offers a stimulating, academic environment, and the opportunity to work in a team setting. This position also offers the opportunity to gain valuable written and oral communication skills, and the possibility for co-authorship on publications. This position provides an excellent opportunity to be involved in cutting-edge research in transcriptional regulation and genomics. Salary negotiable based upon work experience.

A full job description can be found on the Brigham & Women's Hospital Human Resources website, job opening ID 2251761:

<http://careers.brighamandwomens.org/JobDescription.aspx?Back=1&&jobId=2251761>

To apply for this position, please email a cover letter, CV, and contact information for 3 references to: mlbulyk@receptor.med.harvard.edu