

A Post-Doctoral Position is open in the Murphy Lab in the Department of Biomedical Genetics, at the University of Rochester Medical Center in Rochester, NY.

Applicants should hold a PhD and have expertise in molecular, cellular, or developmental biology. As a member of the Murphy lab, the postdoc would investigate transcription control using genomics and bioinformatics methods in the context of breast cancer and zebrafish development. Members of the Murphy laboratory apply a functional genomics approach to biological research, utilizing several next-generation sequencing methods and newly developed molecular biology approaches to investigate the function of epigenetic marks during embryonic development and disease progression. Murphy lab members possess dual expertise in wet-lab and dry-lab methods. Researchers are expected to carry out standard molecular biology and biochemistry methods on the bench-top, and computation approaches to analyze next-generation sequencing datasets. Datasets are generated either as part of their project or from prior published studies. We offer a very collaborative, collegial atmosphere, along with a lively, supportive research community spanning the University of Rochester Medical Center and the adjacent Colleges of Arts, Sciences & Engineering.

The city of Rochester provides a safe, beautiful, affordable, and family-friendly environment. Qualified applicants will have earned a Ph.D. and possess a genuine interest in research directions pursued by the Murphy laboratory.

Applicants should provide a cover letter describing their past projects and career goals, and their CV with names and contacts of three references. Please send emails to [Patrick\\_Murphy@URMC.Rochester.edu](mailto:Patrick_Murphy@URMC.Rochester.edu).