

JOB DESCRIPTION

Position Title: Postdoctoral Fellow in Richard M. Myers's Laboratory

If interested, please contact:

Rick Myers

rmyers@hudsonalpha.org

1-256-327-0431

INSTITUTE OVERVIEW

The HudsonAlpha Institute for Biotechnology is a non-profit organization with the mission to use biotechnology and basic biological research to make important discoveries, improve human health, stimulate economic development, inspire young people to seek careers in science and teach members of the public the importance of science in their everyday lives. Located in Cummings Research Park in Huntsville, Alabama, one of the world's leading science and technology parks, HudsonAlpha's campus contains state-of-the-art laboratories for biological research and development, as well as education, in the areas of genomics, genetics and personalized medicine.

LABORATORY OVERVIEW

Dr. Richard M. Myers is President and Science Director of HudsonAlpha Institute. His laboratory works closely with other Faculty Investigators at HudsonAlpha, particularly with Drs. Sara Cooper and Greg Cooper and their laboratories, to develop and apply high throughput DNA sequencing and functional genomics technologies to study human biology and a variety of diseases. Projects include studies of multiple types of cancer, neurodegenerative and neuropsychiatric disorders, gene:environment relationships, and basic human genetics. Many of these projects also have opportunities for integration of multiple genomic datasets. See:

<http://hudsonalpha.org/faculty/richard-myers>

<http://hudsonalpha.org/faculty/sara-cooper> and

<http://hudsonalpha.org/faculty/greg-cooper>

DUTIES AND RESPONSIBILITIES

We are seeking one or more postdoctoral fellows to work in a collaborative, team science environment to design, implement and interpret original research in human genetics and genomics. The successful candidate(s) will have access to state-of-the-art genomic technologies and infrastructure, shared support services, a wide variety of clinical and basic biology problems, and deep and broad expertise in applying these approaches to understand human health and disease. The fellow(s) will design and conduct original research project under the guidance of Dr. Myers. Candidates with experience in wet-lab, dry-lab, or both will be considered. In addition, the successful candidate(s) will:

- Exhibit genuine curiosity and enthusiasm for discovery-based research

- Prepare manuscripts and co-authors papers for publication in high-quality journals
 - Presents findings to the scientific community
 - Work with research staff in the Myers and Cooper labs
 - Help ensure that the research methods and projects are of the highest scientific standards of integrity, quality and confidence
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MINIMUM QUALIFICATIONS

- Doctoral degree from accredited institution in life sciences, biostatistics, or related field
- Research experience in genetics and genomics, including either wet-lab or data analysis skills, or, ideally, a combination of both
- A track record of high quality research work as evidenced by publications
- Excellent communication skills and ability to work in a highly collaborative environment
- Experience developing and using research methodology and analysis, as well as ability to interpret laboratory results and provide conclusions