Assistant Professor – Metabolomics

The Department of Bioinformatics and Biostatistics (B&B) at the Duke University School of Medicine, along with the Pharmacometabolomics Research Center, invites applicants for a non-tenure track faculty position at the Assistant Professor level starting early 2016. B&B is an integral component of one of the nation’s foremost medical research enterprises. The department currently has approximately 51 faculty members collaborating closely with both clinical and basic science investigators.

The successful applicant will work closely with Pharmacometabolomics research initiatives and consortia on campus and interact closely with the Duke Center for Statistical Genetics and Genomics and the Duke Center for Personalized and Precision Medicine. In addition, the candidate will be expected to participate in collaborations with other national and international groups with similar goals of addressing problems in genomic medicine and advancing precision medicine initiatives. Preference will be given to researchers with a track-record of using systems-based approaches and working within interdisciplinary teams to address problems related to human health. The successful candidate will have the opportunity to participate with other members of internationally recognized faculty engaged in NIH funded consortia in precision medicine.

Candidates should have a strong background in the areas of pharmacometabolomics, pharmacogenomics, systems pharmacology, toxicogenomics, translational research and personalized medicine. Candidates should also have a strong foundation in physiology, toxicology and pharmacology. Areas of expertise should include, but are not limited to genomics, metabolomics, toxicogenomics, epigenomics, statistical method development, and high-throughput screening data analysis from human and animal models for identifying biomarkers of disease, developing predictive models, and identifying signatures of drug response.

Requirements:
Mandatory:
- A PhD degree in biostatistics, bioinformatics, or a related field.
- Experience collaborating on a variety of study designs.
- Experience in software/programming.
- Highly self-motivated individual, enthusiastic about scientific discovery and able to collaborate closely and effectively with other members of a research team.
- Excellent communication skills (verbal, written and presentation)

Desirable:
- Professional knowledge of biology and biomedical research
- Two years or more experience.
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For more information about the Department of Biostatistics and Bioinformatics, please visit our website: http://www.biostat.duke.edu.

Interested applicants should submit application materials (cover letter, CV, statement of research accomplishments/interests and ask three references to submit letters of recommendation for this job posting on AcademicJobsOnline at https://academicjobsonline.org/ajo/jobs/6516. Completed applications will be reviewed on an ongoing basis until position is filled.

Duke University is an Affirmative Action/Equal Opportunity Employer committed to providing employment opportunity without regard to an individual’s race, color, religion, age, gender, sexual orientation, national origin, genetic information, veteran status, or disability.

Location: Durham, North Carolina