Tenure-Track Faculty Positions – Cancer Bioinformatics and Genomics

The Department of Biostatistics and Bioinformatics at Duke University invites applications for a tenure-track faculty position with specific focus on cancer bioinformatics and genomics at the assistant professor level. Successful candidates will demonstrate strong interest and potential in directing an independent methodologic research portfolio of novel statistically rigorous and computationally scalable methods and tools directly motivated by the most pressing open questions in basic and translational cancer research.

Applicants should hold a Ph.D. in Statistics, Biostatistics, Computer Science, Mathematics, Physics, or a related field by the date of the start of their appointment. Joint appointments with other departments are possible for appropriate candidates. A particular attraction of this position is the exceptional data and translational opportunities provided by the Duke Cancer Institute whose members direct cutting edge basic and translational cancer research. Successful candidates will have the ability to teach both theoretical and applied courses in high-dimensional inference, statistical genetics, optimization, or machine learning at the doctoral level. The teaching load is only one course per year starting in the second year of the appointment.

The Department of Biostatistics and Bioinformatics offers Masters and PhD programs in Biostatistics. In addition to supervising PhD students in the department, appropriate candidates will have the opportunity to supervise students in other programs on campus. Duke University has an exceptional history in healthcare innovation, and Durham and the Research Triangle form a vibrant community with an outstanding climate intellectually, culturally, and for year-round physical activity and recreation.

Application review will begin January 1, 2020 and continue until all positions are filled. The research statement must contain a section that specifically and in detail outlines the candidate’s interest in basic and translational cancer research, and how he or she plans to become a national thought leader in quantitative cancer research.

Application Instructions
Applicants are invited to submit application materials via Academic Jobs Online at https://academicjobsonline.org/ajo/jobs/15577. Please upload a CV, research statement, and teaching statement, and request at least three references to upload letters of recommendation.

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