POSTDOCTORAL RESEARCHER

The Department of Genetics in the School of Medicine at LSUHSC in New Orleans is seeking to fill a Postdoctoral Researcher position. The successful candidate will conduct research on mapping the genomic and epigenomic susceptibility and regulatory landscape of common human diseases in different populations. Primary responsibilities include computational analysis of multiplatform omics and sequence data, modeling gene regulatory networks and pathways; development of computational genomics and quantitative methods for integrating large-scale multiplatform data and modeling genomic and epigenomic variation; and management and maintenance of the computing infrastructure and technologies of the Population Genomics Laboratory.

Qualifications:

- PhD in Computational Genomics, Statistical Genetics or closely related field
- Computer programming using R, Perl, C, C++, Python with application to large-scale biological data (omics, genotype, sequence, etc.)
- Experience using Windows and Linux-based computing platforms and statistical packages such as SAS
- Experience in computational genomics or statistical genetics with application to human diseases, specifically with application to analysis of omics, genotype, next generation sequence and DNA methylation data.

Applicant Instructions:

Qualified applicants should submit a CV, cover letter, and contact information for three professional references in a single PDF to SOM-Recruits@lsuhsc.edu with Postdoctoral Researcher – Genetics in the subject line.

LSUHSC is an Equal Opportunity Employer for females, minorities, individuals with disabilities and protected veterans.