Applications are invited for a Postdoc Position in the Imaging Genomics Lab at the Indiana University School of Medicine (IUSM). The project is focused on developing and applying advanced bioinformatics strategies for multidimensional analysis of biomechanical, genetic, neuroradiological, biological, and clinical data in a landmark concussion study (http://www.careconsortium.net/).

Requirements include a Ph.D. in computer science, biomedical informatics, statistical genetics or related disciplines, and a record of academic productivities. Preference will be given to candidates who have experience with advanced techniques for analyzing genomics data, imaging data, and/or systems biology data. A strong interest in integrative analysis of multimodal neuroimaging data, high throughput omics data, and other biomarker data, would be highly desirable, as would solid background in genomics, medical imaging, bioinformatics, and/or programming experience using Matlab, R, or other languages.

The Imaging Genomics Lab is affiliated with two multidisciplinary centers at IUSM: (1) Center for Neuroimaging, the hub for all neuroimaging research activities on campus, and (2) Center for Computational Biology and Bioinformatics, the bioinformatics core of IUSM. There is an excellent set of critical resources at IUSM, including (1) world-renown experts from neuroscience, imaging science, computer science, genetics, informatics, and statistics, (2) state-of-the-art imaging facilities, and (3) world class supercomputing facilities and advanced software tools. The successful candidate will benefit from mentorship of a diverse research team and will be exposed to cutting-edge technology by collaborating on relevant genomic and imaging projects.

Interested candidates should email their CV, selected reprints and a list of three references to:

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