Applications are invited for a Postdoc Position in the Imaging Genomics Lab at the Indiana University School of Medicine (IUSM), funded by an NIH R01 grant. The project is focused on developing advanced bioinformatics strategies for multidimensional brain imaging genetics. The fellow will work under the supervision of Drs. Li Shen and Andrew J. Saykin.

Requirements include a Ph.D. in computer science, informatics, statistics, or related disciplines, and a record of academic productivities. Preference will be given to candidates who have experience with advanced techniques for analyzing genome wide array data, complex phenotypic 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 data mining and bioinformatics, and strong programming experience using Matlab, R, Python, and/or C/C++.

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) experts from neuroscience, imaging science, computer science, genetics, informatics, and statistics, (2) state-of-the-art imaging facilities, and (3) large scale computer systems 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 various genomic and imaging projects.

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

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