



Post-Doctoral Research Associate (Position Available Immediately)

A Postdoctoral Research Associate position is available immediately in the Signal and Image Processing Institute of the Department of Electrical Engineering at the University of Southern California (USC). Successful candidates will work on projects related to quantitative MR neuroimaging, with a special emphasis on diffusion MRI data analysis and ultra-high resolution diffusion image reconstruction. The position will involve algorithm development and analysis, software implementations (including contributions to the BrainSuite software package, <http://brainsuite.org/>), evaluation on experimental data, collaboration on clinical and neuroscience projects (with collaborators at USC, UCLA, Cleveland Clinic, and Massachusetts General Hospital/Harvard Medical School), and preparation of research articles.

Required Qualifications: PhD in Electrical Engineering, Biomedical Engineering, Computer Science, Physics, or related fields. Programming experience, preferably including Matlab, C++, and Python. Experience and publications related to MRI image analysis and/or quantitative MRI. Experience with the development of novel diffusion or other quantitative MRI methods is a plus.

Successful applicants will work with a team of faculty including Justin Haldar and Richard Leahy.

USC is a smoke-free environment. USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other characteristic protected by law or USC policy. Please refer to <https://usccareers.usc.edu/> to know more about USC's policy.

Contact for further information or to submit an application:

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