

**Post-Doctoral Research Associate
Biomedical Imaging Group
Signal and Image Processing Institute
University of Southern California**

A Postdoctoral Research Associate position is available immediately to work on brain network analysis with a focus on integrating electrophysiological (MEG, EEG, ECoG, LFP) measures with MR imaging data. This position requires knowledge of the models and methods used for connectivity modeling, and the mathematical and software background to develop and implement novel approaches. This is part of an NIH supported project to develop a multimodal brain connectivity atlas in collaboration with John Mosher and colleagues in the Epilepsy Center at the Cleveland Clinic. Data in the atlas will include spontaneous and evoked invasive and noninvasive electrophysiology and structural, resting and diffusion MRI. The position will also involve working with and contributing to the BrainStorm software (<http://neuroimage.usc.edu/brainstorm/>).

Required Qualifications: PhD in Electrical Engineering, Statistics, Computer Science, Physics, Neuroscience or related fields and publications related to brain mapping. Programming experience, preferably including Matlab, Java, C, C++.

The University of Southern California strongly values diversity and is committed to equal opportunity in employment. Women and men, and members of all racial and ethnic groups, are encouraged to apply.

Send applications to:

Richard M. Leahy, Ph.D.

Professor and Director

Signal and Image Processing Institute

3740 McClintock Ave, EEB400

University of Southern California

Los Angeles, CA 90089 2564

<http://neuroimage.usc.edu>

leahy@sipi.usc.edu