Analysis and modeling macro-scale brain network dynamics in states of reduced arousal, including coma

An opening is available for a clinical neuroscience project involving analysis and modeling of macro-scale (EEG, fMRI) brain network dynamics associated with coma. This position, which carries an affiliation with the Department of Neurology at the Washington University School of Medicine, will involve close collaboration with clinical researchers and will require analysis of multimodal neural data. Interested applicants should have a background in Engineering, Applied Math, Physics or Computational Neuroscience. Knowledge of signal processing, especially in the context of neural recordings, is an asset.

Interested applicants should send a CV and brief description of interests and goals to ShiNung Ching (shinung@wustl.edu). The starting date is flexible, but ideally no later than the Fall of 2016.