

Research Associate/Post-doctoral Fellow in MRI
Stanford University, Stanford, CA, U.S.A.

Four Research Associate/Post-doctoral positions (dependent upon qualifications) in MRI are available immediately (July-August 2010) at Stanford University in the Department of Radiology, Radiological Sciences Laboratory (RSL), with a special focus on:

- pediatric neuroimaging
- real-time MRI/adaptive motion correction
- parallel transmit/receive methods at high field
- advanced diffusion and perfusion methods for neuroimaging

The RSL at the Lucas Center for MR Spectroscopy and Imaging is home for 14 faculty and approximately 80 researchers and houses four human MRI systems fully dedicated to research (a GE Signa 1.5T system, 2 GE 3T systems, and a GE Signa 7T system), and ancillary laboratory facilities. Additionally, the Stanford hospital has five 1.5 T GE Signa systems, and four 3T GE Signa systems.

Successful candidates will have opportunities to interact with faculty from throughout the Hospital and the University, including the Lucille Packard Children's Hospital, Stanford Stroke Center, and MRSRL at Stanford EE.

Required Qualifications:

- Completed Ph.D. in engineering, physics, computer sciences, or a related field from an approved doctoral program.
- Fluent in English and excellent scientific writing skills
- Prior MR experience in MR pulse sequence development (e.g. EPIC, IDEA) and/or image reconstruction (e.g. ICE) and/or RF pulse design.
- Proficient in C or C++ as well as Matlab or IDL; Perl is a plus

Stanford University is an equal opportunity employer. The Stanford University Medical School is committed to increasing representation of women and members of minority groups and encourages all qualified candidates to apply. Please email a *curriculum vitae*, bibliography, and a statement of research objectives to the address below:

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