

## Post-Doctoral Research Scientist Position in MR Research

The **Biomedical Imaging Research Institute (BIRI)** at Cedars-Sinai Medical Center (CSMC) is seeking a highly motivated individual as a full-time Postdoctoral Research Scientist in magnetic resonance (MR) research. The main focus of this position will be on the development and translation of advanced MR techniques for neurovascular imaging applications. Additional opportunities to work on a variety of collaborative research projects, such as cardiovascular imaging and imaging-guided radiotherapy, are available. The successful candidates are also encouraged to work with his/her mentor to pursue new research directions.

**Qualifications** The requirements for this position include but are not limit to the followings:

- PhD in biomedical engineering, electrical engineering, computer science, imaging, mathematics, physics, biophysics, medical physics, or a related field within the last five years
- Outstanding academic research record as evidenced by high-impact journal publications and conference presentations.
- A solid understanding of MR physics and extensive experience in pulse sequence development, image reconstruction and post-processing, and imaging study of human subjects and animals would be advantageous
- Prior experience in neurovascular MR, cardiovascular MR, or MR-guided radiotherapy and/or experience with Siemens pulse sequence programming environment are desirable, but not required.
- Excellent communication and written skills in English (spoken and written)

**About CSMC BIRI:** CSMC, located in the City of Los Angeles, is the largest non-profit academic medical center in the western U.S. and has focused on providing world-class medical care with special emphasis on education and translational research. The BIRI is an interdisciplinary research program established in 2010 to bring together scientists and physicians who share a common interest in developing and applying state-of-the-art imaging technologies to address basic and clinical research questions. The fully research-dedicated imaging facility under BIRI includes cutting-edge Siemens whole-body systems (3T Verio and 3T hybrid MR/PET) as well as a range of small animal imaging systems (Bruker 9.4T MR and Scanco micro CT). Available to research investigation also include clinical systems on Cedars campus including Siemens 1.5T and 3T MR systems and PET-CT systems.

CSMC is an affirmative action/equal opportunity employer. Enquiries for additional information, or applications including a recent CV, statement of research experience and interests, and the names of three references should be addressed to Ms. Mary Eileen Da Vido (MaryEileen.DaVido@cshs.org) or Assistant Prof. Zhaoyang Fan (Zhaoyang.Fan@cshs.org).

