Applications are invited for a postdoctoral fellowship position in the Department of Radiology, University of California, San Diego (UCSD) in San Diego, California.

The successful candidate will join a multi-disciplinary team of investigators developing ultrashort echo time (UTE) and chemical exchange saturation transfer (CEST)/magnetization transfer (MT) MRI techniques for quantitative imaging with musculoskeletal (MSK) and neurological applications. The applicant should have a PhD in bioengineering, medical physics or a related field and experience on pulse sequence development and imaging reconstruction with clinical MRI or NMR scanners. The applicant should ideally possess excellent writing and communication skills as demonstrated by a successful publication record.

UCSD has a comprehensive array of facilities for human studies and small animal imaging. The current MR facilities include 1.5 T and 3 T GE scanners, a 0.35 T Time-Medical open magnet, a cryogen-free 4.7 T MR Solutions scanner with variable field strengths (0.1-4.7T), as well as Bruker 7 T and 11.7 T scanners. The San Diego VA Healthcare System is a medical education affiliate and our group operates a Microimaging Core (with histological services and brightfield, confocal, laser microdissection, in vivo optical, transmission electron, and ultra-high frequency ultrasound microscopy) through this close relationship for validation studies. We also routinely accesses a 3 T Siemens scanner.

UCSD is an affirmative action/equal opportunity employer committed to increasing the cultural and intellectual diversity of its faculty and trainees. Women and members of under-represented minority groups are especially encouraged to apply.

Interested applicants should send a cover letter, CV, and names & contact information for three references to Dr. Eric Chang mailto:(e8chang@ucsd.edu) or Dr. Jiang Du mailto: (jiangdu@ucsd.edu)

To apply, please visit: http://apptkr.com/1203789