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

The successful candidate will join a multi-disciplinary team of investigators developing ultrashort echo time (UTE) MRI techniques for morphological and quantitative imaging of short T2 tissues or tissue components including cortical and trabecular bone, menisci, ligaments, tendons, lung, iron overload, myelin, etc. The applicant should have a PhD in medical physics, bioengineering, or a related field and experience on pulse sequence development and/or image reconstruction on clinical or pre-clinical MR scanners. The applicant should ideally possess outstanding 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 1.5T/3T GE and Siemens scanners, and 3T/7T/11.7T Bruker scanners. The San Diego VA Healthcare System is a medical education affiliate and our group also accesses 1.5/3T GE and Siemens scanners and a Microimaging Core (with histological services and bright field, confocal, laser microdissection, in vivo optical, transmission electron, and ultra-high frequency ultrasound microscopy) through this close relationship for validation studies.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to gender, race, color, religion, sex, national origin, disability, age or protected veteran status.

Inquiries for additional information, or applications including a recent CV and the names of three potential referees should be addressed to Dr. Hyungseok Jang (h4jang@health.ucsd.edu) or Dr. Jiang Du (jiangdu@health.ucsd.edu).