University of California San Diego

Assistant Project Scientist - Radiology - UTE Imaging

The Department of Radiology at UC San Diego (http://radiology.ucsd.edu) is committed to academic excellence and diversity within the faculty, staff, and student body. The Ultrashort Echo Time (UTE) Imaging Laboratory at the University of California, San Diego (UCSD) is seeking a full-time Assistant Project Scientist.

The responsibilities of this position include:

• Developing novel UTE pulse sequences for morphological and quantitative imaging of short T2 tissues or tissue components;

• Developing and implementing novel protocols for musculoskeletal and neuro imaging;

• Developing and implementing novel data analysis techniques;

• Assisting investigators with experimental design and data analysis;

• Providing technical training and support including MR physics and data analysis;

• Programming on GE and Bruker scanners;

• Conducting phantom and tissue specimens study;

• Facilitating histology, micro-CT, ultrasound, and biomechanical testing.

Candidates must have:

• Ph.D. in medical physics, biomedical engineering, physics, or a related field; and

• Extensive knowledge of MR-related hardware, software and analysis techniques; and

• A strong publication record in MRI, ideally UTE MRI.

The preferred candidate will have:

• Experience with GE Epic programming;

• Experience developing UTE sequences on GE scanners.

Appointment will be at the Assistant Project Scientist level. Salary is commensurate with qualifications and is based on University of California pay scales.
Applications must be submitted through the University of California San Diego’s Academic Personnel RECRUIT system at: http://aptrkr.com/1042790.

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.

Job location
San Diego, CA

Requirements
Documents
• Curriculum Vitae - Your most recently updated C.V.
• Cover Letter - Address Qualifications for Position
• Statement of Contributions to diversity - Applicants should summarize their past or potential contributions to diversity. See our http://facultyexcellence.ucsd.edu/c2d/index.html site for more information.
• Misc / Additional (Optional)

References
3 references required (contact information only)

How to apply
• Create an ApplicantID
• Provide required information and documents
• If any, provide required reference information

To apply, please visit: http://aptrkr.com/1042790

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