The Department of Radiology at University of California, San Diego (http://radiology.ucsd.edu) is committed to academic excellence and diversity within the faculty, staff, and student body. At the Miyazaki lab, we perform advanced translational radiology research involving magnetic resonance imaging (MRI). We are currently seeking a postdoctoral researcher.

The responsibilities of this position include:

- Imaging and post-processing of research projects;
- Developing reconstruction algorithm, post-processing, and data analysis;
- Developing and implementing novel MR pulse sequences for non-contrast MRA, MSK, body, and neuro projects;
- Assisting investigators with experimental design and data analysis;
- Ability to convert or translate clinical trends and needs to develop future research strategy in MR fields.

The candidates must have:

- Ph.D. in biomedical engineering, physics, or a related field
- Extensive knowledge of MR-related hardware, software, and analysis techniques
- A strong publication record in MRI
- Extensive knowledge of MR pulse sequences and reconstruction
- Organizational skills to manage a logbook, schedule research time, keep track of research data
- Laboratory skills to prepare MRI phantoms and biological specimens

Preferred skills for the candidate include:

- Effective communication skills to collaborate with other clinical teams; and
- Experience developing non-contrast MRA/MRI sequences, preferred experience in Canon scanners with RSDE.

Appointment will be for two years, and it is possible to renew. Salary is commensurate with qualifications and is based on University of California pay scales.

Applications to be submitted directly to Dr. Mitsue Miyazaki (mimiyazaki@health.ucsd.edu).

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.