

Research Assistant Position in Advanced MRI of Myelin

UCSF Department of Radiology and Biomedical Imaging

Description

A research assistant position is available under the supervision of Dr. Peder Larson at the Surbeck Laboratory for Advanced Imaging in the University of California - San Francisco (UCSF) Department of Radiology and Biomedical Imaging. This position is focused on evaluation of new magnetic resonance imaging (MRI) techniques for measuring myelination in the nervous system. The goal of these techniques is to provide new information about the quantity and integrity of myelin, which allows for long range transmission of electric potentials across the brain and peripheral nervous system.

For more information on Prof. Larson's group visit

<http://www.radiology.ucsf.edu/research/labs/larson>

Qualifications

The position requires a BS or MS in bioengineering, mechanical engineering, materials science, electrical engineering, physics, or a related discipline. The ideal candidate should have a strong background in one of the following areas: imaging systems, signal processing, image processing/analysis. This position requires strong communication skills and the ability to work on collaborative research projects.

Facilities

The Department of Radiology and Biomedical Imaging has numerous MR systems available for this project. There is also access to an electronics shop, machine shop, and high performance computing resources.

Application

Candidates must provide the following:

- Curriculum vitae (CV)
- Statement of research interests
- Contact information (email, phone) for three references

This position was announced April 17, 2018, and will remain open until filled.

If interested, please e-mail Prof. Larson (peder.larson@ucsf.edu).



University of California
San Francisco

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