



PhD Studentship in:

“Functional and Spectroscopic Magnetic Resonance Imaging in Human Brain and Breast Cancer Research”

The Human MR Imaging Research Laboratory - University of New Mexico School of Medicine

This NIH funded research program in collaboration with the Department of Neurosurgery, the University of New Mexico Cancer Center, and leading national and international research centers aims to (a) understand the neural basis of resting state networks and their role in presurgical mapping in patients with brain tumors, (b) characterize metabolic profiles and treatment response of human brain and breast cancer, and (c) develop advanced high-speed functional and spectroscopic MRI methods.

Graduate students in electrical and computer engineering, physics and computer science are encouraged to apply. The assistantship requires in depth experience with signal and image processing, proficiency in MATLAB and/or C programming, as well as experience with Unix/Linux script programming. A background in MR physics, MR image processing, or related fields and neuroanatomy will be an advantage.

The laboratory offers a stimulating and challenging research environment, training in advanced biomedical imaging and the opportunity to collaborate with leading national and international research centers.

Further details are available at: <https://neurology.unm.edu/research/mr-lab/index.html>

Please send applications (including a CV, a statement of research interests, and 3 letters from referees) to: sposse@unm.edu

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The University of New Mexico is an Equal Opportunity/Affirmative Action Employer and Educator. Qualified women and minorities are strongly encouraged to apply.