Postdoctoral Fellowship:

Concurrent High-Speed Functional and Metabolic Diffusion MRI

An interdisciplinary research study to develop technology for presurgical mapping in patients with brain tumors using multi-modal MRI.

at the Human MR Imaging Research Laboratory, Department of Neurology, University of New Mexico School of Medicine, Albuquerque, NM, USA

(https://neurology.unm.edu/research/mr-lab/index.html)

In collaboration with the Center for Magnetic Resonance Research at the University of Minnesota, and Dept. of Radiology, University of Washington, USA & Neurobiology Research Unit, University of Copenhagen, Denmark

Qualifications:

- PhD in physics, electrical engineering, biomedical engineering or computer science
- Strong background in MR physics, image reconstruction, and MR spectroscopy or fMRI
- Expertise in C/C++ and Matlab
- Experience with pulse sequence development on Siemens Syngo platform (IDEA/ICE)
- Peer-reviewed publications a plus

Application: Interested candidates should send their CV, cover letter with research interests and career goals, and 3 letters of recommendation to Dr. Stefan Posse, PhD, Professor of Neurology, University of New Mexico School of Medicine, MSC 10 5620, 1 University of New Mexico, Albuquerque, NM 87131 (sposse@unm.edu).

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