Applications are invited for a postdoctoral fellowship position in the Human MR Imaging Research Laboratory at the University of New Mexico School of Medicine (https://hsc.unm.edu/school-of-medicine/neurology/research/neuroscience-research-labs/mr-imaging-research-lab.html). The project aims at developing novel multi-modal presurgical mapping protocols and postprocessing methodology to assess tumor microstructure and boundaries to eloquent cortex. The ultimate goals are to complement surgical decision making and prediction of functional and oncological outcomes. Mapping modalities include diffusion tensor spectroscopic imaging, real-time resting state fMRI and multi-dimensional diffusion MRI on a Siemens Prisma 3T scanner. Collaborating institutions include the University of Minnesota, Harvard University, the University of Washington and the University of Copenhagen, Denmark. The salary level will be commensurate with experience and competitive.

The successful candidate will have:

- A PhD/MD with neuroimaging research experience in structural and diffusion MRI, MR spectroscopic imaging and functional MRI
- Familiarity with neuroimaging toolboxes (MedINRIA, MD-dMRI, LCMModel, JMRUI, SPM, FSL, AFNI)
- Signal and image processing expertise
- Strong Matlab programming skills
- Excellent publication records
- Excellent communication skills
- Collaborative personality with team spirit

**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.