MRI Research Assistant or Associate 3T/9.4T

The Buffalo Neuroimaging Analysis Center (www.bnac.net) at the University at Buffalo (UB) is pleased to announce an opening for a full-time Research Support Assistant at its MR Biophysics Lab (mbl.bnac.net). We are building a research team around our recently established imaging core at the Clinical and Translational Science Institute, located at the City of Good Neighbors’ new downtown medical campus.

The MRI Research Support Assistant will be involved in a variety of projects covering the whole spectrum from preclinical methodological development to translational clinical trials. As part of our team, your responsibilities will include the implementation/development of research protocols, support for the preparation of scientific publications and grant proposals, acquisition of MRI data, quality assurance tasks, support troubleshooting and maintenance, and image reconstruction and analysis. Due to a wide range of inter-disciplinary research activities, our lab offers a unique training opportunity in advanced research MRI acquisition and analysis methodology. Depending on skills, we will support your academic development and encourage you to pursue own research projects that align with the lab’s broader research program.

We are looking for a highly motivated individual with an aptitude for creative solutions, productivity, and advanced imaging techniques. The successful candidate finds it exciting to support and learn about a variety of vastly different research projects, has a training background in MRI, excellent communication skills, and is proficient in shell scripting or at least one computer language (MATLAB, C++, ...). The fast-paced research environment at BNAC requires a high level of self-management, diligence, rigorous attention to detail, strong organizational and multi-tasking skills, and independence. The ability to act pro-actively, set priorities, meet deadlines, and maintain a clear and concise documentation is essential. Experience in image processing and analysis, preclinical MRI, PET, and RF coil design are assets but not essential. Salary will depend on qualifications; start date as soon as possible.

The University at Buffalo (UB) is New York’s public flagship research university. UB is the largest public university in the northeastern US and is part of the State University of New York (SUNY) system. BNAC houses a preclinical 9.4 Tesla Bruker MRI with CryoProbe and X-nuclei capabilities; a 3 Tesla Toshiba MRI and a GE PET-CT scanner dedicated for human and large animal research; 2 clinical 1.5T/3T GE MRIs; a high-performance computation infrastructure; a preclinical wet lab; a coil-building lab with 3D printer; and a prototype PET camera for 9.4T PET/MRI.

If you are interested, please send your CV, a motivation letter with career goals, and two references to Ferdinand Schweser – schweser@buffalo.edu (for questions, email or meet me at the ISMRM!)