



Postdoctoral Fellowship Opportunity

Bone Quality/MRI Extremity Scanner Development

**Athinoula A. Martinos Center for Biomedical Imaging
Department of Radiology
Massachusetts General Hospital and Harvard Medical School**

The Biomaterials Laboratory of the Martinos Center for Biomedical Imaging is seeking an exceptionally qualified postdoctoral fellow to participate in an exciting new five-year NIH-funded project to continue development of a specialized extremity MRI scanner and carry out a program of research involving conventional and solid state MRI on animals and human subjects.

This recently completed scanner is based on a novel three-bore cryogen-free superconducting magnet developed in a previous NIH-funded project by Superconducting Systems, Inc.

The successful candidate will work on hardware, sequence and algorithm development, as well as animal and human studies in subsequent years. He/she must have a Ph.D., a solid background in MR physics, engineering or closely related field, and expertise in electronics, software, pulse sequence development and/or RF coil design. Live animal experience is particularly preferred.

The MGH, founded more than 200 years ago, is the oldest and largest of the Harvard Medical School teaching hospitals, and has the largest hospital-based research program in the United States. The Athinoula A. Martinos Center for Biomedical Imaging, with over 100 faculty members, resides within the Department of Radiology and is a global leader in the development and application of advanced imaging technologies.

Phone or email for more information about the position. If you wish to be considered, please send a CV and arrange for three letters of recommendation to:

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