Post-Doc Positions in Quantitative Magnetic Resonance Imaging
Vanderbilt University Institute of Imaging Science

We are accepting applications for post-doctoral scholars to work on the development and evaluation of quantitative MRI methods. Current projects include applications of qMRI methods for evaluating bone fragility in humans and for characterizing white matter microstructure in both small animals and humans. It may be possible to tailor the scope of the project to fit the interests of a successful applicant. Applicants should have a Ph.D. in engineering, physics, or a related field, with a strong background in MRI and the ability to work effectively in a multi-disciplinary team. Pulse sequence programming experience, particularly on a Philips platform, is desirable but not required.

The world renowned Vanderbilt University Institute of Imaging Science (VUIIS) (http://www.vuiis.vanderbilt.edu) is a trans-institutional operation comprised of facilities and instruments for a variety of imaging modalities, ~140 core personnel (including ~60 pre- and post-doctoral trainees), and collaborative studies across a wide range of disciplines. Amongst the extensive resources available within the VUIIS, particularly relevant to this position are the three research-dedicated whole body MRI systems (two 3.0T/94cm bore Philips Intera Achieva, and one 7.0T/90cm bore Philips Achieva), and four horizontal-bore small animal MRI systems (7.0T/16cm and 15.2T/11cm Bruker Biospec, and 4.7T/31cm and 9.4T/21cm Varian/Agilent Direct Drive).

Vanderbilt University is an affirmative action/equal opportunity employer committed to increasing the cultural and intellectual diversity of its faculty and trainees. Women and members of under-represented minority groups are especially encouraged to apply.

Interested applicants should send a cover letter, CV, and names & contact information for three references to:

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http://www.vuiis.vanderbilt.edu/bio/mark.does