Postdoctoral Fellow – Quantitative MR Imaging

A postdoctoral position is immediately available in the laboratory of Dr. Madhuranthakam, within the Department of Radiology at UT Southwestern Medical Center. Their laboratory is focused on the development and evaluation of novel magnetic resonance (MR) imaging techniques. This NIH/NCI funded position will primarily focus on the development and evaluation of arterial spin labeled (ASL) measurement of non-contrast perfusion for cancer therapy response monitoring. As part of this study, the postdoctoral fellow will also have the opportunity to participate in the NCI’s Quantitative Imaging Network (QIN).

The candidate must hold a Ph.D. degree in Biomedical/Electrical Engineering, Physics or related field, and must have programming experience. Preferred experience includes expertise in Biomedical imaging with specific emphasis on MR imaging, pulse sequence programming, and MATLAB/Python/C/C++ programming skills. The candidate should have a track record of publications, excellent written and oral communication skills, and will be expected to participate in both independent and collaborative projects. Exceptional candidates with a Master’s degree and experience in the related fields will also be considered.

Interested individuals should send a CV, statement of interests, and a list of three references to:

Ananth Madhuranthakam, PhD
Department of Radiology
UT Southwestern Medical Center
5323 Harry Hines Blvd.
Dallas, TX 75390-9061
Ananth.Madhuranthakam@UTSouthwestern.edu
http://www.utsouthwestern.edu/labs/madhuranthakam/

UT Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.