



**EMORY**  
UNIVERSITY  
SCHOOL OF  
MEDICINE

## Advanced Imaging Sciences

Department of Radiology  
and Imaging Sciences

A postdoctoral position is available in the Musculoskeletal Research Imaging Laboratory in the Department of Radiology and Imaging Sciences, at Emory University, Atlanta, Georgia, USA. Research is focused on developing, implementing and translating quantitative MRI and MRS methods to assess tissue structure and function in the musculoskeletal system. The laboratory is interested in emerging techniques using diffusion, relaxometry, and multi-parametric image analysis.

The Musculoskeletal Research Imaging Lab is embedded in the Musculoskeletal Radiology Division within the Radiology and Imaging Sciences Department and integrated with both clinical and research operations within the Orthopedics Department in the School of Medicine. It has direct access to two departmental research-dedicated Siemens 3 Tesla MRI scanners and a 9.4 Tesla Bruker MRI scanner. Additional MRI instruments available for clinical research include a Siemens 1.5 Tesla MRI located in the Orthopedics and Spine Clinic, and a Siemens 3 Tesla MRI located in the Sports Medicine Clinic.

**Qualifications:** Applicants must possess a M.D. and/or a Ph.D. or D.Sc. in physics, electrical engineering, biomedical engineering or a related field, and have completed fewer than five years of post-doctoral training. The successful candidates should exhibit strong quantitative skills, be highly motivated and will be expected to exhibit a strong work ethic. Both excellent written and oral communication skills are required in addition to the ability to work independently and in a collaborative manner with a diverse group of scientists and clinicians. Knowledge of MR physics and previous experience with pulse sequence programming the Siemens IDEA and/or Bruker ParaVision environment is desired.

**Salary/Benefits:** The position is for two years, contingent on annual performance review. Salary is commensurate with experience with full benefits.

Interested candidates should forward inquiries, along with a CV, statement of research interests, and contact information for three references to Dr. David Reiter, PhD, at [dareite@emory.edu](mailto:dareite@emory.edu) and formally apply using the following link <https://faculty-emory.icims.com/jobs/26133/post-doctoral-fellow-department-of-radiology/job>. Applications will be kept confidential and references will not be contacted without the permission of the applicant. The position is available immediately. Screening and consideration of applicants will continue until the position is filled.