Title: Postdoctoral position in heart and lung MRI at 0.55T

Position information:

- Develop new MRI techniques using a contemporary 0.55T scanner for imaging the heart and lung
- Develop real-time MRI to guide interventional procedures
- Our lab focuses on rapid non-Cartesian imaging and advanced image reconstruction for a high-performance 0.55T MRI system
- Candidates should have a strong desire to explore new technologies with the purpose of developing clinically useful solutions
- Experience with pulse sequence programming (preferably on the Siemens platform) and/or advanced image reconstruction software and/or machine learning is required
- Collaborative environment with imaging scientists and physicians (interventional cardiologists, imaging cardiologists, pulmonologists, and radiologists)
- Candidates should have a PhD (or nearing PhD completion) in engineering, physics, computer science, or a related field

The laboratory is based on the NIH campus in Bethesda, MD. The NHLBI DIR has a strong history of MRI development under the leadership of Robert S. Balaban. There are interactions with a wide range of independent research groups, and the position offers exceptional opportunities for interdisciplinary collaboration within and outside of the NIH (https://www.nhlbi.nih.gov/research/intramural).

Salary is commensurate with research experience and accomplishments. Appointees may be US citizens, resident aliens, or non-resident aliens with or eligible to obtain a valid employment authorized visa. Applications from women, minorities and persons with disabilities are strongly encouraged.

Applicants should email curriculum vitae to:

Adrienne Campbell-Washburn, Ph.D.
c/o Maria Gonzalez-Stoltzfus
gonzamar@nih.gov

The review of applications will begin on or around August 2021.
Applications will be accepted until the position is filled.