Postdoctoral position in cardiac and pulmonary MRI at 0.55T

Position information:

- Be part of the dynamic and growing low field MRI community!
- Develop new MRI techniques (novel sequences, advanced reconstruction, AI) using a contemporary 0.55T scanner for imaging the heart and lung
- Develop real-time MRI to guide interventional procedures
- 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, USA (near Washington DC). The NHLBI DIR has a strong history of MRI development under the leadership of Robert S. Balaban. The position offers exceptional opportunities for interdisciplinary collaboration within and outside of the NIH.

To apply, please send your CV to:
Adrienne Campbell-Washburn, PhD
adrienne.campbell@nih.gov

HHS and NIH are Equal Opportunity Employers