The MRI Technology Program in the Division of Intramural Research (DIR), National Heart, Lung, and Blood Institute (NHLBI) is seeking exceptional candidates for the position of Staff Scientist (Contractor). The MRI Technology Program is focused on the development of MRI techniques for diagnostic imaging and interventional image guidance. We are particularly interested in developing fast, patient friendly MRI techniques, applied to the heart, lung or body. The work is centered around fast imaging and reconstruction methods with a focus on well-engineered solutions that can be deployed and tested in a clinical environment. The laboratory is based on the NIH campus in Bethesda, MD, where we have close collaborations with outstanding clinical groups.

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. The existing faculty in the NHLBI DIR is an outstanding group of internationally recognized biomedical researchers covering a wide range of basic and clinical research topics (please see https://www.nhlbi.nih.gov/research/intramural) complemented by the other research institutes within the DIR (please see http://www.nih.gov/science/#campus).

The staff scientist would be responsible for conducting independent research in the field of MRI engineering and providing technical support of clinical projects at the NIH. Candidates must have a PhD in MRI physics, engineering, or related discipline. Postdoc experience (including a proven track record of scientific productivity) in the field of diagnostic and/or interventional MRI is a must. Experience with pulse sequence programming (preferably on the Siemens platform) is expected and experience with programming high performance image reconstruction software is desired. Strong candidates would also have experience with interactive imaging, fast image reconstruction and non-Cartesian imaging. Candidates should have a strong desire to explore new technologies with the purpose of developing clinically useful solutions.

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 and three letters of reference to:

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

The review of applications will begin on or around Dec 1, 2018. Applications will be accepted until the position is filled.

HHS and NIH are Equal Opportunity Employers