One NIH-funded postdoctoral fellowship position is available in the Division of MR Research of the Department of Radiology at the Johns Hopkins University School of Medicine. We are looking for an individual who is interested in cardiac MRI sequence development and image reconstruction/processing. The main focus of this position will be on the development and translation of advanced functional coronary MR angiography technologies including pulse sequence design, iterative image reconstruction algorithms, and machine learning methods.

The requirements for this position include but are not limited to the followings:
- PhD in biomedical engineering, electrical engineering, computer science, imaging, mathematics, physics, biophysics, or a related field within the past 3 years.
- Outstanding academic research record as evidenced by peer-review journal publications and conference presentations.
- A solid understanding of MR physics and extensive experience in pulse sequence development, image reconstruction, machine learning, and image post-processing are advantageous.
- Prior experience in cardiovascular MR and experience with Philips pulse programming are desirable, but not required.
- Excellent communication and written skills in English (spoken and written).

This position is for a minimum of 2-3 years. Salary level will conform to NIH and JHU guidelines. To apply, please submit your CV, a letter describing research interests, career goals, and contact information for three references to:

Michael Schär, PhD
Division of MR Research
Department of Radiology
Johns Hopkins University School of Medicine
Baltimore, MD 21287
mschar3@jhu.edu