Postdoctoral Position

**Position Summary:**
Postdoctoral positions in neonatal and fetal MRI are available immediately at the MRI Research Institute (MRIRI), Weill Cornell Medical College in New York City.

**Job Responsibilities:**
These research positions will primarily focus on developing innovative neonatal and fetal MRI approaches. Particularly, projects include development and validation of perfusion and oxygenation imaging methods for the neonatal and fetal brain as well as the placenta at high risk using non-invasive techniques such as arterial spin labeling (ASL) and quantitative susceptibility mapping (QSM).

**Qualifications:**
The candidates must have a PhD or an equivalent degree in biomedical engineering, computer science, electrical engineering, or related fields. The candidates should have a strong understanding of MR physics and image reconstruction algorithms, and knowledge of MATLAB programming and Unix/Linux computers. Experience with MR pulse sequence programming or knowledge of C/C++ is preferred. Salary is commensurate with experience.

Interested candidates should e-mail a brief statement of research interests, CV, and contact information of three references to Zungho (Wesley) Zun, PhD (zuz4001@med.cornell.edu).

The recently formed MRIRI at the Department of Radiology of the Weill Cornell Medical College of Cornell University aims to be a leading center in the development of innovative MRI methodologies and their applications in biomedicine. Research interests at MRIRI in terms of clinical applications cover a wide range of diseases, including, but not limited to, neurological, cardiovascular, and oncologic disorders. Weill Cornell Medical College, located in the upper east side of New York City, has a vibrant biomedical research community and strong ties to the main Cornell campus in Ithaca and the Tech campus in New York City.

Diversity is one of Weill Cornell Medicine’s core values and is essential to achieving excellence in patient care, research, and education. We welcome applications from candidates who share our commitment to fostering a culture of fairness, equity, and belonging. Weill Cornell Medicine is an Equal Employment Opportunity Employer, providing equal employment opportunities to all qualified applicants without regard to race, sex, sexual orientation, gender identity, national origin, color, age, religion, protected veteran or disability status, or genetic information.