

**Research Positions: Pulse sequence design and/or image reconstruction for high-speed MRI
St. Francis Hospital -The Heart Center, Roslyn, NY**

St. Francis Hospital, affiliated with Catholic Health Services of Long Island, was named one of the country's "Best Places to Work" by Modern Healthcare Magazine, and ranked among the nation's top hospitals for Cardiology & Heart Surgery, Gastroenterology and GI Surgery, Geriatrics and Orthopedics by U.S. News & World Report for the 10th year in a row. Along with being the only designated cardiac specialty hospital in NY State, we are the only hospital on Long Island to be nationally ranked in any of the 16 data-driven adult specialties.

The Cardiac Diagnostic Imaging Department currently has two openings for Postdoctoral Fellows or Associate Scientists with a research focus in the area of high-speed magnetic resonance imaging (MRI). Qualified candidates should hold a PhD in Electrical Engineering, Computer Science, Biomedical Engineering, Mathematics, Physics or related fields, and have a background of MRI physics, or signal/image processing, or computer programming. C/C++ and/or Matlab programming experiences will be required. The successful applicants are expected to demonstrate his/her research capability in research works on MRI pulse sequence and/or image reconstruction, as evidenced by peer-reviewed publications. The preference will be given to those who have independent research experience with a strong interest in MRI technological development.

The research fellows will participate in our ongoing research projects aimed at developing and implementing new high-speed MRI techniques for real-time cardiovascular imaging on clinical MRI systems (Siemens platform). They will be working in a cardiac MRI research team with both MRI physicists and clinical cardiologists. Collaboration with engineering research groups in the New York State University at Stony Brook is also expected. This will be an opportunity to receive multi-disciplinary training from a few MRI experts with both industrial and academic experiences in the field of engineering, physics and medicine. To apply, please contact or send CV to:

Yulee Li, PhD
Email: Yulee.Li@chsli.org;
Phone: 516-629-2191

If you want to meet in Hawaii ISMRM meeting, please email yuliemail@gmail.com or call 352-870-4822.

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