Postdoctoral Scholar - Magnetic Resonance Research Laboratories (MRRL), Zhong Lab

University of California Los Angeles

Requisition Number: JPF08777

The Magnetic Resonance Research Laboratories (MRRL) in the Department of Radiological Sciences at UCLA seeks to fill a postdoctoral position in the Zhong laboratory. This postdoctoral scholar will work under the guidance of Dr. Xiaodong Zhong to focus on one or more of the research areas including MR pulse sequence development, image reconstruction, data analysis, motion management, biomechanics, quantitative imaging and deep learning techniques. This postdoctoral scholar will play a major role in developing novel cardiovascular MR techniques to help diagnosis, treatment planning and monitoring of congenital heart diseases (CHDs). This postdoctoral scholar will have opportunities to collaborate with interdisciplinary teams, including physicist and physician faculty, other postdoctoral and project scientist scholars, clinical residents and fellows, and graduate student researchers in MRRL, the Ahmanson/UCLA Adult Congenital Heart Disease Center, and other departments in UCLA Health.

About UCLA MRRL: The MRRL currently has 10 faculty members and more than 30 staff, students, and post-doctoral research fellows from Radiological Sciences and other departments. The MRRL collaborates closely with clinicians and engineers at UCLA. The MRRL has access to five clinical research Siemens MRI systems (3T Vida, 3T Prisma, 3T Skyra, 1.5 T Sola, and 1.5T Avanto Fit systems), as well as a dedicated imaging research facility for pre-clinical studies (including one 3T Prisma) and one MR/PET system (Siemens mMR). For more information, please visit https://mrrl.ucla.edu/

About Ahmanson/UCLA Adult Congenital Heart Disease Center: The Ahmanson/UCLA Adult Congenital Heart Disease Center was founded in 1980 and it was the first in the United States to focus exclusively on treating adult congenital heart disease patients. Since then, it has been one of the largest facilities of its kind in the United States. The center provides clinical care to various types of congenital heart diseases. The center also has world-leading research and training programs.

About UCLA Health: For the 34th consecutive year, UCLA Health hospitals were named to the U.S. News & World Report national honor roll of best hospitals. This distinction was reserved for only 22 hospitals among more than 4500 evaluated across 15 specialties and 21 common procedures and conditions. UCLA Health was designated “high-performing” relative to other hospitals in treating patients 65 and older in 21 common procedures and conditions. Among them are various cancers, hip and knee replacement, heart attack and bypass surgery, stroke and diabetes.
Cultural North Star. The shared values of the DGSOM are expressed in the Cultural North Star, which was developed by members of our community and affirms our unswerving commitment to doing what's right, making things better, and being kind. These are the standards to which we hold ourselves, and one another. Please read more about this important DGSOM program at https://medschool.ucla.edu/cultural-north-star.

To apply, please visit: https://apptrkr.com/4522430

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