

Assistant/Associate Project Scientist - Magnetic Resonance Research Laboratories (MRRL) Zhong Lab & Finn Lab

University of California Los Angeles

Requisition Number: JPF09868

The Magnetic Resonance Research Laboratories (MRRL) in the Department of Radiological Sciences at UCLA seeks to fill a project scientist position in both laboratories of Dr. Xiaodong Zhong and Dr. Paul Finn. This project scientist scholar will work under the guidance of Dr. Xiaodong Zhong and Dr. Paul Finn to collaborate with interdisciplinary teams, including physicist and physician faculty, postdoctoral and other project scientist scholars, clinical residents and fellows, and graduate student researchers in Radiological Sciences, the Ahmanson/UCLA Adult Congenital Heart Disease Center, and other departments in UCLA Health to develop, lead, and support research projects in the areas of MR pulse sequence development, image acquisition and reconstruction, data analysis, pre-clinical investigation, and clinical translation and evaluation, especially for applications in diagnosis, treatment planning and monitoring of cardiovascular diseases. Level and compensation are commensurate with experience.

This project scientist scholar will

- Manage and coordinate projects and experiments
- Communicate with the PIs and collaborators and present/report projects effectively in the oral or written format
- Work independently and in a team environment, depending on the need of individual projects
- Design, implement, and test novel MRI pulse sequence, image reconstruction and data analysis techniques for research and clinical translation
- Supervise and mentor doctoral and postdoctoral trainees
- Author or contribute to scientific publications and grant applications
- Establish and maintain the Labs' research infrastructure such as hardware/ software environment

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), one MR/PET

system (Siemens mMR) and one low-field system (Siemens FreeMax). 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.

CONTACT

For further inquiries please contact: <mailto:xiaodongzhong@mednet.ucla.edu> with subject heading: MR Project Scientist

Applicants are invited to upload a current curriculum vitae and a list of 3-5 references to the UC Recruit online posting at <https://apptrkr.com/5684318> . Only applicants that apply through this website will be considered.

This appointment is subject to amendment based on any changes to applicable collective bargaining agreements.

The posted UC salary scales (https://www.ucop.edu/academic-personnel-programs/_files/2024-25/july-2024-scales/t37-b.pdf) set the minimum pay determined by rank and step at appointment. See Table 37B. The salary range for this position is \$74,100 - \$99,000.

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/5684318>

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disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy, see: UC Nondiscrimination & Affirmative Action Policy, <https://policy.ucop.edu/doc/4000376/DiscHarassAffirmAction>