Postdoctoral Fellowship – Center for Pulmonary Imaging Research

Purpose of Position: Cincinnati Children’s Hospital Medical Center is soliciting applications for a postdoctoral fellow position in the Center for Pulmonary Imaging Research (CPIR). The CPIR is a multidisciplinary department affiliated with the areas of Pulmonary Medicine, Radiology, and Neonatology at Cincinnati Children’s, which is currently ranked #3 in the U.S. among children’s hospitals. The CPIR focuses on hyperpolarized-gas and proton MRI of the respiratory system to understand regional pulmonary structure and function in children and adults with chronic respiratory diseases that range from CF to asthma to rare-lung diseases and COPD. With a focus on improving quality of translating new imaging techniques to research and clinical applications in pulmonary medicine, faculty and staff in the CIPR engage in research that is directly translational, with near-constant interaction with basic scientists, radiologists, and pulmonologists.

Minimum Requirements: PhD, MD or equivalent doctoral degree.

Required Skills: Excellent written, verbal, and interpersonal communication skills and experience with the technical aspects of MRI, with a preference for skills related to artificial intelligence, Philips pulse-sequence programming, and/or experience with pulmonary imaging or hyperpolarized gases. Strong attention to detail, strong organizational skills and an innovative approach to experimental design. Ability to synthesize information and to create and deal with new situations that involve multidisciplinary experiences with MDs and PhDs with diverse scientific backgrounds. Expressed willingness to teach others and share results openly.

Qualifications: The candidate must have an advanced graduate (PhD) or medical degree (MD) and experience with MRI pulse-sequence programming and/or hyperpolarized gases. Preferred applicants will have one or more of the following qualifications: experience with pulse-sequence programming on the Philips platform, experience with hyperpolarized-gas production and/or delivery in vivo, non-proton MR spectroscopy, and/or quantitative texture-based or feature-based image analysis. Interested applicants should contact Jason Woods, PhD, Director of the Center for Pulmonary Imaging Research at Cincinnati Children’s Hospital Medical Center, 3333 Burnet Avenue, Cincinnati, Ohio 45229. Dr. Woods can be contacted at Jason.woods@cchmc.org.

Click here for additional information about postdoctoral fellowships at Cincinnati Children’s!

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