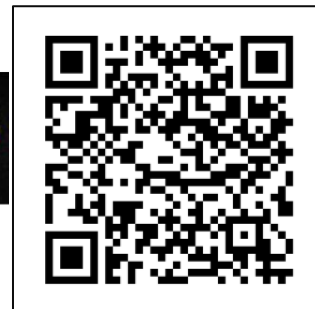


# Research Assistant: Hyperpolarized Gas and Preclinical Pulmonary MRI

## Center for Pulmonary Imaging Research



The Center for Pulmonary Imaging Research (CPIR) at Cincinnati Children's Hospital Medical Center (CCHMC) is soliciting applications for a Research Assistant III. CCHMC is ranked #2 in Pulmonary Medicine and #1 overall in Pediatric Medicine by the U.S. News and World Report. The CPIR is a multidisciplinary center affiliated with Radiology, Neonatology, and Pulmonary Medicine and focuses on hyperpolarized gas and proton MRI of the respiratory system. Our goal is to understand pulmonary structure and function in a wide range of chronic respiratory disorders, including asthma, rare-lung diseases, lung-transplantation rejection, and cystic fibrosis. Team members have backgrounds ranging from medicine and biology to physics, chemistry, and engineering. CPIR researchers collaborate to perform cutting-edge research in human subjects of all ages and animal models across a range of cardiopulmonary diseases.

Website: [www.cincinnatichildrens.org/research/divisions/c/cpir](http://www.cincinnatichildrens.org/research/divisions/c/cpir)

**Position Requirements and Responsibilities:** The successful candidate will possess at least B.S. or B.A. in a physical science (i.e., chemistry or physics), engineering, or related discipline and two years of relevant work experience or a M.S. degree in a relevant field of science or engineering. Experience with electronic device design and maintenance, coding and quantitative data analysis (e.g., in MATLAB, C++, or python), and small animal handling is highly desired. The accepted applicant will possess excellent communication skills, strong attention to detail, and the desire to promote a safe working environment. Possessing the abilities to synthesize information, learn new skills, and teach others in a dynamic, multidisciplinary environment are essential.

Job responsibilities include producing hyperpolarized gas, maintaining and developing specialized equipment for small animal MRI, following and revising standard operating procedures (SOPs), documenting compliance with institutional and federal regulations, and basic lab management. The applicant will also collect and analyze MR imaging data after appropriate training.

**To Apply:** Submit a cover letter, a resume detailing research experience and expertise, and the names and contact information of two to three references by email to: Zackary I. Cleveland, Ph.D., Associate Director, Center for Pulmonary Imaging Research, Associate Professor, Pulmonary Medicine, Pediatrics, Radiology and Biomedical Engineering at:

([Zackary.Cleveland@cchmc.org](mailto:Zackary.Cleveland@cchmc.org)).

***Cincinnati Children's is an Equal Opportunity Employer. Qualified applicants receive consideration for employment without regard to race, color, religion, sex, national origin, age, genetic information, physical or mental disability, military or veteran status, sexual orientation, gender identity/expression, or other protected status in accordance with applicable federal, state, and local laws and regulations. Cincinnati Children's will not discriminate against applicants and employees for inquiring about, discussing or disclosing their pay or, in certain circumstances, the pay of their co-workers.***