

Faculty Environmental Epidemiology – Quantitative Health Sciences, Cleveland Clinic

[Department of Quantitative Health Sciences](#) is seeking a faculty Epidemiologist to lead collaborations with the Cleveland Clinic Integrated Hospital Institute, [Department of Pulmonary Medicine](#) to grow our emphasis in environmental epidemiology across the field of respiratory health. The ideal candidate will serve as a primary resource for existing research within the Cleveland Clinic System, while also engaging as an independent researcher to advance partnerships and collaborations with greater Northeast Ohio and improve the health of our community.

A doctoral degree is required. The position includes a non-tenured appointment to the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University at rank commensurate with experience.

The ideal candidate would have a track record in environmental epidemiology research, with a skillset in modeling and exposure estimation of ambient or indoor air pollution, and a rigorous grounding in spatial epidemiology techniques. Independent grant funding is not a requirement. A background in the impact of environmental exposures on respiratory health is preferred, though not required.

Job Requirements

Preferred qualifications and experience:

- PhD in environmental health sciences, epidemiology, or related field
- Experience with modeling and exposure estimation of ambient air pollution
- Experience working with large datasets, including electronic medical record data
- Experience in spatial epidemiology and using GIS software such as ArcGIS
- Experience working in collaborative, multi-disciplinary research teams
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Interested candidates should email a curriculum vitae, the names of at least three references and a letter summarizing experience, research interests, and fit for the position to QHSjobsearchpm@ccf.org. Review of applications will begin immediately and continue until the position is filled.

[The Department of Quantitative Health Sciences](#) has 30 faculty and over 130 members. Areas of disciplinary research application include epidemiology, biostatistical methods, clinical trials, population health, statistical genetics, bioinformatics, statistical computing, predictive modeling, and computational biology. For more career information see the [Quantitative Health Sciences Career](#) site.

[The Department of Pulmonary and Critical Care Medicine](#) includes over 200 faculty members and scientists. The research team includes 53 research coordinators and managers, with 185 projects totaling \$32.2 million in 2022. Preclinical and translational respiratory research in the LRI totals an additional \$7.8 million annually. The Pulmonary Division is consistently ranked among the top respiratory programs in the United States by U.S. News & World Report, and it is housed within the Integrated Hospital Care Institute, the largest institute at Cleveland Clinic consisting of the Departments of Anesthesiology, Pulmonary and Critical Care, Hospital Medicine, Infectious Diseases, and Emergency Medicine. This combination affords ample opportunities for multidisciplinary research and collaboration. Within Pulmonary Medicine, experts in various disciplines including asthma, lung cancer, bronchoscopy, critical care medicine, lung transplantation, interstitial lung diseases, pulmonary hypertension, cystic fibrosis, and respiratory therapy manage the full spectrum of respiratory disorders, where over 230,000 clinic visits occur annually.

The metropolitan and suburban areas of Cleveland comprise a population of over 3 million, rich in

cultural resources. The city itself is centrally located to several other large cities and enjoys a low cost of living index. Cleveland Clinic is among the world's largest, busiest health centers, and ranked and ranked as the No. 2 hospital in the world for the sixth consecutive year by Newsweek's World's Best Hospitals 2024 list, while also being recognized for its commitment to patient experience.

***Cleveland Clinic is pleased to be an equal employment opportunity employer.
Smoke/drug free environment.***