



## Overview

The Postdoctoral Fellowship in Environmental Health at the Icahn School of Medicine at Mount Sinai (ISMMS) in New York City is a 2 or 3 year interdisciplinary research training program in children's environmental health. Our program mirrors our commitment to excellence in education, research, and patient care, combining a distinctive mix of scientific training and mentoring in a collaborative and supportive environment. The program provides advanced training in the following areas:

- **Biostatistics**
- **Environmental Epidemiology**
- **Exposure Biology / Exposomics**
- **Geospatial Modeling**
- **Microbiome**
- **Toxicology**

## Goals

Fellows aim to author at least one publishable manuscript based on original research and present at least two posters at regional or national meetings. Fellows also develop K99/R00, K23, or equivalent career development grant proposals.

## Curriculum

The program combines a wide range of research and training experiences, including mentored research in environmental health and regular opportunities for professional development. We also offer an annual retreat for fellows, grant writing workshops, and mock study sections. Fellows may also choose to complete an MPH or MS degree or participate in clinical research.

### YEAR 1

Fellows select a research topic and form an interdisciplinary advisory committee. Fellows begin their research project, receive individualized research training, and participate in professional development activities.

**Optional:** Fellows can gain clinical experience in environmental pediatrics in the Pediatric Environmental Health Specialty Unit.

### YEARS 2 AND 3

Fellows receive training in grant writing and develop a grant proposal. Fellows continue their research, write papers, and present at seminars, meetings, or conferences. They begin to matriculate out of the program and transition in to their desired career.



## Facts & Figures

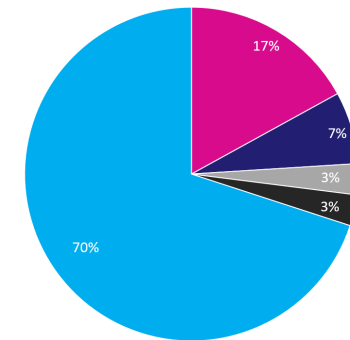
**2-3** years  
is the length of the  
Fellowship Program.

**70%**  
of matriculated EMPH  
Postdocs are now  
working in academia.

**100%**  
of EMPH Postdoctoral  
fellows recommend the  
program to others.\*

**26**  
NIH grants were  
awarded to the EMPH  
Department in 2019.\*

## Career Outcomes



- Research in Academia & Government (70%)
- Public Health, Medical Testing, & Patient Care (17%)
- Science Communications & Publishing (7%)
- Business & Commercial Development (3%)
- Research Industry (3%)

\* Sources: 2019 EMPH Fellowship Program Survey; NIH Reporter (<https://www.report.nih.gov/>)

“ I learned a lot about NIH grant applications, which has been crucial for my academia career development. The postdoc community feels like a big family and I've learned so much from my peers.”

- Miao Yu, PhD, 2019 Postdoc

## Diversity and Inclusion

Integrating a diverse set of perspectives and experiences is the key to creating a more dynamic and comprehensive learning experience, and we are committed to promoting an inclusive, welcoming, and supportive training environment. We honor individual identities and welcome diverse perspectives whenever possible.



## About Us

### Robert O. Wright, MD, MPH

Ethel H. Wise Professor and Chair,  
Department of Environmental Medicine and Public Health  
Director, Institute for Exposomic Research

### Alison P. Sanders, PhD

Assistant Professor,  
Department of Environmental Medicine and Public Health  
Director, Interdisciplinary Environmental Health  
Postdoctoral Fellowship

### Lisa R. Cole, MS

Program Coordinator,  
Interdisciplinary Environmental Health Postdoctoral Fellowship  
Department of Environmental Medicine and Public Health

## Eligibility

To qualify for this program, you must be:

1. A research scientist in environmental health or related disciplines who has completed their doctoral training.

OR

2. A physician who has completed two to three years of residency training.

## How to Apply

Interested applicants are invited to submit a letter of interest and curriculum vitae to [ApplyEMPH@mssm.edu](mailto:ApplyEMPH@mssm.edu).

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# Interdisciplinary Environmental Health Postdoctoral Fellowship



Icahn  
School of  
Medicine at  
Mount  
Sinai