The Haber Lab in the Department of Environmental Health at Harvard T.H. Chan School of Public Health has an opening for a highly motivated Postdoctoral Fellow. Projects will involve developing and applying computational approaches to investigate effects of environmental exposures on mammalian lungs, investigating downstream effects on asthma pathogenesis and exacerbations. The successful candidate will join an interdisciplinary team spanning the Chan School, Brigham & Women’s and Boston Children’s Hospitals and the Broad Institute of MIT and Harvard.

We seek an enthusiastic post-doctoral researcher to investigate the role of cellular heterogeneity in asthma using computational and systems biology methods. Projects in the lab examine the cellular and molecular effects of environmental exposures on the airways, and focus on analysis of high-dimensional ’omics data (particularly single-cell RNA sequencing) from clinical samples and mouse models of airway injury, inflammation and regeneration. Our group collaborates closely with clinical pulmonologists and immunologists to study mechanisms underlying both airway homeostasis and asthma pathogenesis.

How To Apply
Interested candidates should email Dr. Haber (ahaber@hsph.harvard.edu) with any questions and submit application materials here: http://academicpositions.harvard.edu/postings/9858.

Requirements

- PhD or equivalent in computational biology, biostatistics, computer science, mathematics, epidemiology, or other quantitative field.
- Experience with computational genomics, statistical or epidemiological data analysis, preferably in R.
- Candidates holding a degree in biological/medical science are also welcome to apply if they have extensive background in computational or statistical work.

What you can expect

- Scientific and professional mentorship (1:1 meetings, weekly or as needed).
- Timely feedback on manuscripts, fellowships, faculty applications.
- Supportive lab culture focused on scientific rigor and constructive feedback.

Equal Opportunity Employer
We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law.