

Climate Change and Health Concentration

About

Climate change is one of the defining public health challenges of the 21st century, and most public health professionals have little to no formal training in this topic. The YSPH Concentration in Climate Change and Health seeks to train the next generation of public health leaders on the health impacts of climate change and opportunities to intervene.

Working at the nexus of climate change and health requires skills and expertise found across public health.

Consequently, students from each YSPH department are encouraged to join this concentration. Climate change is an environmental exposure that can affect both infectious and chronic diseases.

Research about the relationship between climate change and health can involve sophisticated mathematical and statistical modeling, including the development of new methods.

Behavioral change, mental health, and social justice are major concerns, as climate change is magnifying social inequalities. Finally, health management expertise is needed to develop mitigation and adaptation strategies in the health care sector, while policy expertise is needed to address thorny questions of governance.



Course Requirements

Core Curriculum (all of the following)

- EPH 570/571: Seminar in Climate Change and Health (two semesters)
- EHS 547: Climate Change and Public Health
- Elective: Research and applied skills
- Elective: Drivers and impacts of climate change

Practice (choose one)

- Summer internship focused in climate change and health
- EPH 555: Clinic in Climate Justice and Public Health

Methods (choose one)

- EHS 560: Methods in Climate Epidemiology
- EHS 544: Climate Equity and Health Policy Methods

Concentration Leadership



Daniel Carrión, PhD, MPH
Director of Education
Assistant Professor of Epidemiology
Environmental Health



Alixandra Rachman, MPH
Program Administrator

Executive Committee & Core Faculty



Robert Dubrow, MD, PhD
Professor of Epidemiology
Environmental Health Sciences



Kai Chen, PhD
Assistant Professor of Epidemiology
Environmental Health Sciences



Sarah Lowe, PhD
Associate Professor of Public Health
Social and Behavioral Sciences



Jodi Sherman, MD
Associate Professor of Anesthesiology

“As someone who had very minimal exposure to the climate change space before coming into the MPH program, the concentration has undoubtedly shaped my expertise and love for climate change policy. I encourage all students who have even a tinge of interest in anything climate change related to take an introductory climate change and health course as it will most likely, no most definitely, change the way you see the world.”

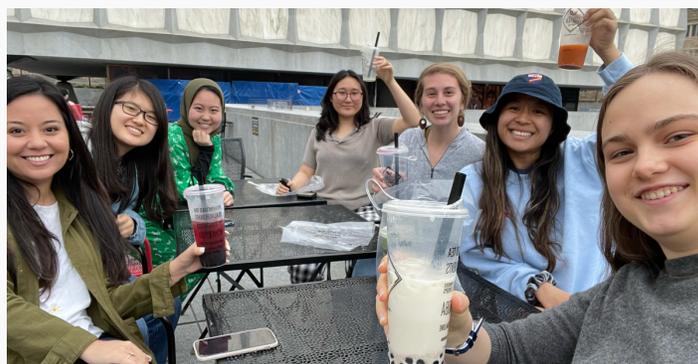
Alice Kwak, MPH '23
Climate Policy Analyst
World Resources Institute

Professional Development

- Workshops & Guest Lectures
- Summer Internship Program
- Mentorship Program
- Student Research Roundtables
- Seminar in Climate Change and Health

Social Events

- Game Nights
- Fall/Spring Gatherings
- University-wide Socials
- Mixers & Happy Hours
- Hikes



Questions? Contact us!
ycch@yale.edu

Check out our website!



Follow us on social media!



Where Are Our Alumni Now?

Government

- U.S. Environmental Protection Agency
- National Institute of Environmental Health Sciences
- Connecticut Department of Public Health
- Los Angeles County Department of Public Health
- NYC Department of Health and Mental Hygiene

Yale University

- Yale Program on Climate Change Communication
- Yale Center on Climate Change and Health

Nonprofit

- World Resources Institute
- Clean Air Council
- Colorado Health Institute
- Applied Public Policy Research Institute for Study and Evaluation

Continuing Education

- University of Michigan (PhD)
- American University Washington College of Law (JD)

Private Sector

- Mercer
- Good Energy Collective