

# CLIMATE CHANGE & HEALTH EQUITY WORKING GROUP



DREXEL UNIVERSITY  
**Urban Health Collaborative**  
Dornsife School of Public Health

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## CLIMATE CHANGE & HEALTH COURSEWORK AT DORNSIFE SCHOOL OF PUBLIC HEALTH

CLIMATE CHANGE HAS CRITICAL IMPACTS ON HEALTH AND HEALTH EQUITY. ADDRESSING THESE COMPLEX CHALLENGES REQUIRES COMBINING SKILLS AND UNDERSTANDING ACROSS A RANGE OF DISCIPLINES AND CORE CONCEPTS. BELOW ARE CLIMATE AND HEALTH CONCEPTS WITH EXAMPLES OF DSPH COURSES WITH RELEVANT TRAINING.



### CLIMATE SCIENCE & HEALTH IMPACTS

Understanding the scientific basis of climate change and how climate impacts human health

EXAMPLE COURSEWORK:

EOH 657 – PUBLIC HEALTH IMPACTS OF GLOBAL CLIMATE CHANGE

### CLIMATE & HEALTH POLICY

The role of policy to address the health effects of climate change.

EXAMPLE COURSEWORK:

EOH 615 – ENVIRONMENTAL AND OCCUPATIONAL HEALTH POLICY



### CLIMATE ADAPTATION & MITIGATION

Current and potential public health interventions to prevent climate change and limit its impacts

EXAMPLE COURSEWORK:

PBHL 510 PUBLIC HEALTH FOUNDATIONS & SYSTEMS I

### ENVIRONMENTAL JUSTICE/HEALTH DISPARITIES

The interplay of social factors and climate change in harming health and worsening health disparities

EXAMPLE COURSEWORK:

EOH 652 – GLOBAL AIR POLLUTION AND HEALTH



### RISK COMMUNICATION AND COLLABORATION

Communicating the risks and hazards of climate change to various audiences, and facilitating collaboration between diverse stakeholders

EXAMPLE COURSEWORK:

EOH 648 – PUBLIC HEALTH AND DISASTER PREPAREDNESS



### CLIMATE RELATED TOOLS & METHODS

Common skills required for climate and health equity research

EXAMPLE COURSEWORK:

EOH 710 – ADVANCED METHODS IN GIS FOR PUBLIC HEALTH



### CLIMATE & URBAN HEALTH

Understanding exposure, vulnerability, and health impacts of climate change in urban areas

EXAMPLE COURSEWORK:

EOH 550 – INTRO TO URBAN HEALTH

FOR MORE INFORMATION ON CLIMATE CHANGE AND HEALTH EQUITY TRAINING, RESEARCH, AND ACTIVITIES, CONTACT UHC'S CLIMATE CHANGE AND HEALTH EQUITY WORKING GROUP AT [KB124@DREXEL.EDU](mailto:KB124@DREXEL.EDU)



## WHAT IS THE WORKING GROUP?

The Climate Change and Health Equity Working Group brings together faculty, staff, and students from across the Urban Health Collaborative (UHC) and Dornsife School of Public Health (DSPH) to advance climate and health equity research and facilitate collaboration with local policy actors and community members.

## UHC WEBPAGE PLANS

The Working Group is developing a landing page for climate and health equity resources across the UHC. Students, faculty, and staff will be able to access:

- Core climate concepts and coursework at DSPH
- Faculty working on climate change and health equity
- Climate and health research projects at the UHC
- A description of available climate-related datasets
- Updates and events.

## OBJECTIVES

AY22-23 working group objectives:

- (1) Coordinate a comprehensive assessment of climate and health-related research, data, and faculty and staff within the UHC,
- (2) Conduct a broad assessment of climate and health research and available data at DSPH and the University at large,
- (3) Summarize existing climate and health-focused curriculum at DSPH, and
- (4) Develop a new web resource to communicate key findings and available resources.

## CLIMATE CHANGE AT UHC AND DSPH

- 3 undergraduate courses
- 14 graduate courses
- 1 graduate minor
- 10+ faculty working in this area, with research interests and expertise in extreme heat, air pollution, flooding, and other topics.

## FOR MEETING AND OTHER INFORMATION, CONTACT:

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