EPID 278: Community-Driven Epidemiology and Environmental Justice

Schedule and Readings

Most readings are available online and are password protected. Copyright laws apply to journals in electronic format.

January 9
Topic: Introduction and Background
Speaker: Steve Wing

January 16
Topic: Conceptual and Methodological Overview
Speaker: Steve Wing

Assigned Readings:

Coughlin SS. Environmental justice: The role of epidemiology in protecting unempowered communities from environmental hazards. Sci Tot Environ 1996;184:67-76. (available online)


January 23
Topic: Overview of Community Perspectives: Environmental justice movement in North Carolina
Speaker: Gary Grant, Executive Director, Concerned Citizens of Tillery (CCT)

Assigned Readings:


Jensen, Robert. "White privilege shapes the US." Baltimore Sun, 19 Jul 1998: C-1. (available online)

**January 30**
Topic: Postal Workers, Anthrax Contamination and the Public Health Response
Speaker: Ajamu Dillahunt, President, NC Postal Workers' Union

*Assigned Readings:*

Alexander A. "Second-class postals." *The Nation*, 10 Dec 2001: 6. (available online through the UNC library database of news sources, scroll down to and select "Newspaper Source Via NCLive - EBSCOHost", click on "Choose Databases", click on "MasterFILE Premier", search using the phrase "TI second-class postals" -- email Maria if you have any trouble with this)


*Recommended Readings:*

American Postal Workers Union, AFL-CIO homepage

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**February 6**
Topic: Postal Workers, Anthrax Contamination and the Public Health Response: Research Design
Speaker: Robin Ryder, UNC Department of Epidemiology
Peter Gilligan, UNC Hospitals

*Assigned Readings:*


CDC. Anthrax Information (General), and Information for Lab and Health Professionals

CDC. Anthrax-related MMWR articles

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**February 13**
Topic: Landfills: Community Perspectives and the Holly Springs Experience
Speakers: Lynice Williams, NC Fair Share
Holly Springs residents

*Assigned Readings:*

NC Fair Share monograph: The Holly Springs Story.

February 20
Topic:  Landfills: Research Design
Speakers: Kim Morland, U.S. Environmental Protection Agency
        Steve Wing

Assigned Readings:


February 27
Topic:  Childhood Brain Cancer in Vance County, NC
Speakers:  Mrs. Sylvia Allyn, Concerned Citizens of Vance County
          Mrs. Mitzi Parrott, Concerned Citizens of Vance County
          Ms. Barbara Arntsen, Concerned Citizens of Vance County
          Mrs. Eva English, Concerned Citizens of Vance County

Assigned Readings:


Optional Readings:


March 6
Topic: Childhood Brain Cancer in Vance County, NC: Research Design
Speakers: Steve Wing, Beverly Rockhill, UNC EPID

Assigned Readings:


March 13 Spring Break

March 20
Topic: Community Perspectives on Industrial Hog Production
Speaker: Elsie Herring, Duplin County, NC

Assigned Readings:


March 27
Topic: Industrial Hog Production: Research Design
Speaker: Steve Wing, Maria Mirabelli

Assigned Readings:


Recommended Readings:


April 3
Topic: Government Initiatives in Environmental Justice and Community-based Participatory Research
Speaker: Fred Tyson, National Institute of Environmental Health Sciences (NIEHS)

Assigned Readings:

NIEHS. Overview of the Translational Research Program at NIEHS. January 2001. (available online)

Recommended Readings:

CDC Funding Announcement. Community-based Participatory Prevention Research.

NIH Request for Applications: Environmental Justice: Partnerships to address ethical challenges in environmental health.

NIEHS, Division of Extramural Research and Training, Transitional Research Initiatives.

April 10
Topic: Ethical Issues in Community-based Environmental Health Research
Speaker: Rachel Avery, Maria Mirabelli, Steve Wing

Assigned Readings:

Wing S. Social responsibility and research ethics in community-driven studies of industrial hog production. Environ Health Perspect 2002; 110 (in press). (available online)

Optional readings (from March 16th):


April 17
Topic: MTBE contaminated drinking water, Pascoag, Rhode Island: A case study
Speaker: Lucy Peipins, Agency for Toxic Substances and Disease Registry (ATSDR)

Assigned Readings:
US Geologic Survey fact sheets. (available online)

April 24
Student Presentations

May 1
Student Presentations

Updated: April 2002