DEPARTMENT: Environmental Health

COURSE NUMBER: EH590R     SECTION NUMBER:               SEMESTER: Fall 2015
CREDIT HOURS: 1
COURSE TITLE: EH Seminar: Sustainability

INSTRUCTOR: Ciannat Howett

INSTRUCTOR CONTACT INFORMATION
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PHONE: 404-727-5020
SCHOOL ADDRESS OR MAILBOX LOCATION: 1599 Clifton Road, Rm 5.414

BRIEF COURSE DESCRIPTION
Students enrolled in EH590R will explore principles, policies and practices related to sustainability. The course will cover the general approach to sustainability from environmental, social, and economic perspectives. Lectures will also cover specific sustainability-related topics, including energy, water, waste, transportation, food, buildings, greenspace, land use, community revitalization, behavior change, purchasing, and curriculum development. The focus of our work together will be to analyze the role of the public health professional in shaping sustainability policy and furthering sustainability practices. The class will complete group project to develop a comprehensive plan to address major wellness, water quality, biodiversity, and food security related issues.

LIST SCHOOL LEVEL, DEPARTMENT, AND/ OR PROGRAM COMPETENCIES

RSPH Core:
- Describe behavioral, social and cultural factors that contribute to the health and well-being of individuals, communities and populations
- Develop the capacity for lifelong learning in public health
- Apply principles of ethical conduct to public health practice
- Design environmental health programs, policies, interventions and/or research intended to improve the health of individuals, communities, and populations
- Discuss how health policy and finance affects the delivery, quality, access and costs of health care for individuals, communities and populations

EH Department:
- Explain major policy issues in environmental health including regulatory frameworks
- Describe major environmental risks to human health ranging from the local to global scale
- Explain major policy issues in environmental health including regulatory frameworks
- Communicate the key methods, findings and public health implications of research on a poster and/or verbally to an audience of public health professionals
LIST LEARNING OBJECTIVES ASSOCIATED WITH THE COMPETENCIES

Explain major policy issues in sustainability and relevant regulatory frameworks.
Understand issues and challenges related to community-based sustainability efforts.
Understand economic, legal, and policy factors shaping policy changes using examples in energy and transportation fields.
Acquire a basic vocabulary of sustainability field, such as triple-bottom line; externalities; cooperative federalism; precautionary principle.
Understand issues, challenges, career paths, and daily work of sustainability professionals.
Understand important role of public health professionals in shaping sustainability-related policies.
Understand the role of the expert in public policy and factors influencing expert testimony and funded research.
Understand link between poverty, environmental policy, and health and explore theories for breaking the cycle of poverty.
Understand disparate environmental health exposures and impacts based on socioeconomic factors, race and other factors and policies to address.

EVALUATION

A satisfactory grade in this course will be determined as follows:
80% class participation (attendance, readings, class project, and discussion)
10% demonstrated ability to synthesize the material through end-of-semester workshop/discussion session
10% final presentation of class project

ACADEMIC HONOR CODE
The RSPH requires that all material submitted by a student in fulfilling his or her academic course of study must be the original work of the student.
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<th>Date</th>
<th>Topic</th>
<th>Instructor</th>
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<td>08/27/2015</td>
<td>Introduction, Course Overview, Objectives and Requirements</td>
<td>Ciannat Howett</td>
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<td>09/03/2015</td>
<td>Emory and Emory Healthcare Sustainability Program Overview</td>
<td>Ciannat Howett</td>
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<td>09/10/2015</td>
<td>Case Studies in Sustainability at Emory and Launch of Class Projects</td>
<td>Ciannat Howett</td>
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<td>09/17/2015</td>
<td>Ciannat out of town. Energy</td>
<td>Guest lecturer: Mandy Mahoney, ED, SEEA</td>
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<td>09/24/2015</td>
<td>TBD</td>
<td>Guest lecturer: TBD</td>
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<td>10/01/2015</td>
<td>Sustainable Food</td>
<td>Guest lecturer: Alice Rolls, ED, Georgia Organics</td>
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<tr>
<td>10/08/2015</td>
<td>Class Location: CNR 8030 (Klamon Room) “Sitting time and disease: Is it time to take a stand for your health?”</td>
<td>Guest Lecturer: Alpa Patel, American Cancer Society</td>
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<td>10/15/2015</td>
<td>Green Building</td>
<td>Guest lecturer: Dennis Creech, ED, Southface</td>
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<td>10/22/2015</td>
<td>The Role of Public Health Professionals in Sustainability Policy and Litigation</td>
<td>Guest lecturer: Steve O’Day, SGR</td>
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<td>10/29/2015</td>
<td>Transportation</td>
<td>Guest Lecturer: Brian Gist, SELC</td>
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<td>11/05/2015</td>
<td>Water Policy</td>
<td>Guest Lecturer: Gil Rogers, SELC</td>
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<td>11/12/2015</td>
<td>Class Presentations</td>
<td>Guest lecturer: You!</td>
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<td>11/19/2015</td>
<td>EPA’s sustainability efforts</td>
<td>Guest lecturer: TBD</td>
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<td>11/26/2015</td>
<td>Thanksgiving Holiday</td>
<td>No Class</td>
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<tr>
<td>12/03/2015</td>
<td>Wrap Up / Synthesis of Semester’s Work/Quiz</td>
<td>Ciannat Howett</td>
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