

Earth Health CP 152.15
Course Syllabus & Schedule
Spring 2018

Course Coordinators:

Hugo Aguilar
Ereca Nguyen

Wed 12pm-1pm
Room S-214
1-unit P/NP

Course Director: Katherine Gruenberg, PharmD

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Course Goals: Students at UCSF are trained to be expert health-care providers with an emphasis on clinical knowledge, however the topic of environmental health is oftentimes neglected and left out of the discussion. It is important for students to gain an understanding of how climate change relates to health and to learn practical steps that can be applied to mitigate our impact on the environment. As future health-care providers, UCSF students should be at the forefront of advocating for environmental justice and endorsing changes in policy related to environmental issues.

Learning Objectives:

At the end of this elective, students will be able to:

1. Describe how climate change affects human health
2. Explain how social determinants influence health across the lifespan
3. Outline the relationship between health care waste, health systems, and the environment
4. Describe practical steps that can be taken to reduce greenhouse gases in health care
5. Develop plans for how health care providers can serve as advocates for sustainability in their communities

Attendance:

1. Students are required to attend weekly lectures and fill out a short survey at the end of each class to provide feedback and answer a few questions
2. If a student misses a class, they must contact course coordinators for a make-up assignment
3. If more than two classes are missed during the quarter (with or without a make-up assignment) the student will receive a NO PASS

Grading

To receive full credit for the course, students are required to complete the following:

- a. Fill-out a pre-course survey and a post-course survey that will be emailed to students (different than the weekly surveys)
- b. Meet attendance requirements as described above

Date	Guest Speaker	Lecture Topic
4/4/18	Robert Gould, MD President of the San Francisco-Bay Area Chapter of Physicians for Social Responsibility (PSR)	Generations at Risk: Introduction to Environmental Health and Health Professional Activism
4/11/18	Linda Rudolph, MD Director of the Center for Climate Change and Health at the Public Health Institute	Climate Change and Health
4/18/18	Gail Lee, REHS, MS, HEM Sustainability Director at UCSF	Sustainability at UCSF
4/25/18	Katherine Gruenberg, PharmD. Clinical Pharmacist, UCSF	Pharmaceutical Waste Management
5/2/18	Seth Shonkoff, PhD, MPH Executive Director, PSE Healthy Energy; Visiting Scholar, UC Berkeley; Affiliate, Lawrence Berkeley National	Hydraulic Fracturing
5/9/18	Ted Schettler, MD Science Director of the Science and Environmental Health Network	Earth Friendly Nutrition
5/16/18	Esteban Burchard, MD, MPH and Neeta Thakur, PhD Principal Investigator, Asthma Collaboratory	Environmental Risk Factors and Asthma
5/23/18	Preston Maring, MD Spearheaded Kaiser Farmers Markets	Sustainable Food Practices
5/30/18	Peter G. Joseph, MD Citizens' Climate Lobby, Marin County Group Leader	Carbon Tax & Citizen Lobbying
6/6/18	Annemarie Donjacour, PhD Activist and Professor of Anatomy at UCSF	Climate Action & Activism