

Planning for Health
CRD 200, # 92966 – Spring 2019

Place: Bowley Conference Room, Student Farm, **Time:** Fridays, 12:10-4pm

Instructor: Dr. Catherine Brinkley, ckbrinkley@ucdavis.edu

Office Hours: sign up outside office (Rm 2333, Hart Hall)



Course Description:

This course focuses on the intersection of planning and public health. The health of an individual is determined not only by the healthcare they receive, but also by the natural, social, physical, economic, and political environment in which they live and work. This course provides students with an overview of available public spatially explicit datasets related to human and environmental health. We will cover such topics as food access, air and water quality, waste and energy infrastructure, community engagement, and the planning process. We will learn how to conduct Health Impact Assessments (HIA) - and to use various environmental audit tools to measure the built environment. A variety of model practices in California, nationally and internationally are reviewed for inspiration on planning, policy and programming efforts.

Learning Objectives:

1. Introduce the core concepts of health in relation to planning from the historical and current context.
2. Understand the multiple intended and unintended public health impacts associated with urban planning process and urban design principles with attention to equity and community engagement.
3. Familiarize ourselves with the publicly available datasets pertinent to public health and spatial phenomena. Learn how to access, analyze and identify the strengths and weakness of such data.
4. Learn fundamental urban planning and health practices and governing structures and how they may be applied to creating a healthy community, particularly for disadvantaged and vulnerable populations
5. Practice crafting a Health Impact Assessment.

Required reading: Dannenberg, A., Frumkin H., Jackson, R., 2011. Making Healthy Places: Designing and Building for Health, Well-Being, and Sustainability. Island Press

Course Outline

Please monitor updates on Canvas and as announced in class.

	Reading/Assignments	Data
Week 1 (Jan 11): Overview	Ch: 1, 18, 19, 20, 21	ACS
Week 2 (Jan 18): Guest: Valley Vision		Walkscore
Week 3 (Jan 25): Distance/Access	Ch: 2, 8, 9, 10, 22, articles online	
Week 4 (Feb 1): Let’s Move!	Ch: 3, articles online	USDA Food Environment Atlas
Week 5 (Feb 8): Food, Energy Water Nexus	Ch: 6 GP review due	GeoTracker, DOGGR
Week 6 (Feb 15): Heat, Air, Trees and Mental Health	Ch: 4, 7, 15, articles online	EPA’s AirNow, AQMIS2
Week 7 (Feb 22): Health Impact Assessment, Part 1	APA toolkit, Healthy Development Measurement Tool	Growing Food Connections Local Government Policy Database, Municode, PEW HIA
Week 8 (March 1): Resilience Tour District Heating	Ch: 16, 24, articles online	GapMinder, EJ Screen, CalEnviroScreen, ROI
Week 10 (March 8): Health Impact Assessment, Part 2	HIA draft due	
Week 10 (March 15): Conclusion		

Deliverables and Grading

- General Plan Reflection (20%)
- Weekly data explore (30%)
- HIA presentation, report and peer review (40%)
- In-class discussion (10%)



University Policies:

Be familiar with the Student Code of Academic Conduct: <http://sja.ucdavis.edu/cac.html>. Plagiarism is the use of another person’s words or ideas without crediting that person. Remember the instructor is obliged to refer you to Student Judicial Affairs in all cases of violation or suspected violation.