



**THE OHIO STATE UNIVERSITY**

COLLEGE OF PUBLIC HEALTH

## **PUBHLTH 6000- Introduction to Global Health- 2 Credit Hours- Autumn 2020**

**Instructor:** Judith Schwartzbaum, PhD

**Zoom link:** <https://osu.zoom.us/j/9613115147>

**Phone number:** 614-284-3975

**E-mail:** [schwartzbaum.1@osu.edu](mailto:schwartzbaum.1@osu.edu)

**Required Zoom Class Time:** Wednesdays, 4:10pm-6:00pm

**Optional Instructor's Zoom Office Hours:** Thursdays 3:00 – 4:00 PM  
*or by appointment*

### **Course description**

This survey course is designed to enable students to deepen their knowledge and interest in the field of global health. The course provides an overview of current and emerging global health issues and their determinants; highlights links between global health and socioeconomic development; raises awareness of health issues that transcend national borders and culture and that require multi-national and multi-sectoral action; describes interventions and programs being implemented by major governmental and non-governmental organizations to address key problems across the world; discusses different guiding philosophies behind specific health interventions; and identifies factors that may influence the success or failure of an intervention. The course does not specifically address global health career paths.

**Prerequisites:** Graduate standing is required.

### **Course Objectives**

Upon successful completion of this course, the student will be able to perform the following:

1. Describe worldwide patterns of leading causes of morbidity and mortality and identify priorities for investment in global health.
2. Demonstrate key public health concepts, including demographic and epidemiologic transitions, measurements of burden of disease, impact of key conditions on individuals and communities, and links between health, social, and economic factors.
3. Discuss the concept and significance of demographic and epidemiologic transitions; explain and describe major factors contributing to communicable and chronic diseases incidence world-wide.

4. Recognize and understand the role of political, social, economic, environmental and cultural factors as contributors to current global health issues.
5. Recognize ethical and human rights considerations in the field of global health; and
6. Identify key governmental and non-governmental players in international health and discuss barriers and possible approaches to solving diverse key global health issues.

### **Foundational MPH Competencies**

Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels.

Assess population needs, assets and capacities that affect communities' health.

Apply awareness of cultural values and practices to the design or implementation of public health policies or programs.

Advocate for political, social or economic policies and programs that will improve health in diverse populations.

Communicate audience-appropriate public health content, both in writing and through oral presentation.

### **Online Class Format**

**Mode of delivery:** This course is 100% online. The Zoom class sessions will incorporate lectures, discussion of readings and student group presentations. You will find the sequence of materials and activities in the Module Section of Carmen, and we will meet for a required weekly Zoom session.

**Pace of online activities:** This course is divided into **weekly modules** that are available on Carmen.

**Credit hours and work expectations:** This is a **2-credit-hour course**. According to [Ohio State policy](#), students should expect around 2 hours per week of time spent on direct instruction (class meetings) in addition to 4 hours of homework (reading and presentation preparation).

**Weekly Zoom sessions: REQUIRED.** All live, scheduled class sessions for the course are required.

**Instructor office hours on Zoom: OPTIONAL.** You are encouraged to note my office hours in your weekly schedule, and to “attend” if you have questions, but these sessions are optional.

**Readings:** Readings for each lecture topic are listed in the Modules Section of Carmen. Students are expected to conduct independent literature searches to identify articles that will provide the background for their papers and oral presentation. There is no required textbook for this class.

### Assignments

1. Discuss assigned articles for each lecture during Zoom class sessions.
2. Five page paper on a COVID-19 global health issue
3. A 50 minute presentation (with slides) by groups of four or five students on a global health topic of your choice.

See beginning of Modules Section on Carmen for your assigned presentation date and time

4. Ten page paper on global health topic of your choice.

### Grading

<b><i>Components of grade</i></b>	<b><i>Percent of grade</i></b>
Participation in class discussions	15%
Five page paper on COVID-19/ Due Oct 7	25%
Group Presentation on Global Health, topic of group's choice/see beginning Module Section for date, time	25%***
Ten page paper on Global Health topic/Due Dec 11	35%

\*\*\* If, for any reason, you would prefer not to be graded on the group presentation, the group presentation points will be transferred to your ten page paper. However, you must participate in the group presentation.

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93-100	A
90 – 92	A-
87 – 89	B+
83 – 86	B
80 – 82	B-
77 – 79	C+
<b>Percentage</b>	<b>Letter Grade</b>

## **Carmen**

The Carmen site for this course includes a Module for each class that contains the lecture slides and assigned readings associated with that lecture. Slides for your group oral presentation and the two papers may be submitted to the Assignment Section of Carmen.

## **Course technology**

### **Technology support:**

For help with your password, university email, Carmen, or any other technology issues, questions, or requests, contact the Ohio State IT Service Desk. Standard support hours are available at [ocio.osu.edu/help/hours](https://ocio.osu.edu/help/hours), and support for urgent issues is available 24/7.

- Self-Service and Chat support: [ocio.osu.edu/help](https://ocio.osu.edu/help)
- Phone: 614-688-4357(HELP)
- Email: [servicedesk@osu.edu](mailto:servicedesk@osu.edu)
- TDD: 614-688-8743

### **Technology skills needed for this course:**

- Basic computer and web-browsing skills
- Navigating Carmen ([go.osu.edu/canvasstudent](https://go.osu.edu/canvasstudent))
- CarmenZoom virtual meetings ([go.osu.edu/zoom-meetings](https://go.osu.edu/zoom-meetings))
- Recording a slide presentation with audio narration ([go.osu.edu/video-assignment-guide](https://go.osu.edu/video-assignment-guide))

### **Required equipment:**

- Computer: current Mac (MacOs) or PC (Windows 10) with high-speed internet connection
- Webcam: built-in or external webcam, fully installed and tested
- Microphone: built-in laptop or tablet mic or external microphone
- Other: a mobile device (smartphone or tablet) to use for BuckeyePass authentication

### **Required software:**

- Microsoft Office 365: All Ohio State students are now eligible for free Microsoft Office 365. Full instructions for downloading and installation can be found at [go.osu.edu/office365help](https://go.osu.edu/office365help).

### **Carmen access:**

You will need to use BuckeyePass ([buckeyepass.osu.edu](https://buckeyepass.osu.edu)) multi-factor authentication to access your courses in Carmen. To ensure that you are able to connect to Carmen at all times, it is recommended that you take the following steps:

- Register multiple devices in case something happens to your primary device. Visit the BuckeyePass - Adding a Device help article for step-by-step instructions ([go.osu.edu/add-device](https://go.osu.edu/add-device)).

- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click Enter a Passcode and then click the Text me new codes button that appears. This will text you ten passcodes good for 365 days that can each be used once.
- Download the Duo Mobile application ([go.osu.edu/install-duo](http://go.osu.edu/install-duo)) to all of your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at 614-688-4357(HELP) and IT support staff will work out a solution with you

### **Policies for this Online Course**

- Written assignments: Your written assignments, a midterm (5 page) and final paper (10 page) should be your own work. Cite any sources (including articles) you use for these papers.

### **COVID-19 Related Accommodations**

The university strives to make all learning experiences as accessible as possible. In light of the current pandemic, students seeking to request COVID-related accommodations may do so through the university's [request process](#), managed by Student Life Disability Services. If you anticipate or experience academic barriers based on your disability (including mental health, chronic, or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services (SLDS). After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. **SLDS contact information:** [slds@osu.edu](mailto:slds@osu.edu); 614-292-3307; [slds.osu.edu](http://slds.osu.edu); 098 Baker Hall, 113 W. 12<sup>th</sup> Avenue.

### **Office of Student Life: Disability Services**

Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. Please contact the Office of Student Life: Disability Services at 614- 292-3307 in Room 098 Baker Hall 113 W. 12th Ave. to coordinate reasonable accommodations for students with documented disabilities (<http://www.ods.ohio-state.edu/>).

## **Mental Health Services**

As a student you may experience a range of issues that can make learning difficult, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing. If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life's Counseling and Consultation Service (CCS) by visiting [ccs.osu.edu](http://ccs.osu.edu) or calling 614-292-5766. CCS is located on the 4th Floor of the Younkin Success Center and 10th Floor of Lincoln Tower. You can reach an on call counselor when CCS is closed at 614-292- 5766 and 24 hour emergency help is also available through the 24/7 National Suicide Prevention Hotline at 1- 800-273-TALK or at [suicidepreventionlifeline.org](http://suicidepreventionlifeline.org).

## **Academic integrity**

Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University, the College of Public Health, and the Committee on Academic Misconduct (COAM) expect that all students have read and understood the University's Code of Student Conduct and the School's Student Handbook, and that all students will complete all academic and scholarly assignments with fairness and honesty. The Code of Student Conduct and other information on academic integrity and academic misconduct can be found at the COAM web pages (<http://oaa.osu.edu/coam/home.html>). Students must recognize that failure to follow the rules and guidelines established in the University's Code of Student Conduct, the Student Handbook, and in the syllabi for their courses may constitute "Academic Misconduct."

The Ohio State University's Code of Student Conduct (Section 3335-23-04) defines academic misconduct as: "Any activity that tends to compromise the academic integrity of the University or subvert the educational process." Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Please note that the use of material from the Internet without appropriate acknowledgement and complete citation is plagiarism just as it would be if the source were printed material. Further examples are found in the Student Handbook. Ignorance of the Code of Student Conduct and the Student Handbook is never considered an "excuse" for academic misconduct.

If I suspect a student of academic misconduct in a course, I am obligated by University Rules to report these suspicions to the University's Committee on Academic Misconduct. If COAM determines that the student has violated the University's Code of Student Conduct (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in the course and suspension or dismissal from the University. If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

## Topics and Readings

### Class #1, Aug 26, Course Overview

**Rising morbidity and mortality in midlife among white non-Hispanic Americans in the 21st century.** Case and Deaton, PNAS, 2015

**The White-Savior Industrial Complex.** Teju Cole. Atlantic. 3/21/12  
<https://www.theatlantic.com/international/archive/2012/03/the-white-savior-industrial-complex/254843/>

### Class #2, Sept 2, Tuberculosis and Global Health

**Guest Lecture: Dr. Benita Jackson**

**The Biggest Monster' Is Spreading. And Its Not the Coronavirus.**  
<https://www.nytimes.com/2020/08/03/health/coronavirus-tuberculosis-aids-malaria.html?searchResultPosition=1>

### Class #3, Sept 9, Neoliberalism and Global Public Health

**The Consequences of Neoliberalism in the Current Pandemic.** Vicente Navarro, International Journal of Health, 2020

**What is Neoliberalism? Introducing Globalization: Ties, tensions and uneven integration,** M. Sparke, 2015.

**African Economies are Spending up to Five Times their Health Budgets on Debt Repayments.** Y. Adegoke, Quartz Africa Weekly Brief, 4/29/20  
<https://qz.com/africa/1848047/nigeria-kenya-ghana-spend-twice-more-debt-payment-than-health/>

### Class #4, Sept 16, Climate Change and Global Health (*Articles to be added to Module*)

**The Catastrophist: A climate expert's unheeded warnings.** Elizabeth Kolbert. The New Yorker. 7/27/20.

**THE GREAT CLIMATE MIGRATION,** A. Lustgarten, NYT, 7/2020.  
<https://www.nytimes.com/interactive/2020/07/23/magazine/climate-migration.html?action=click&module=Top%20Stories&pgtype=Homepage>

**Review: FALSE ALARM, How Climate Change Panic Costs Us Trillions, Hurts the Poor and Fails to Fix the Planet,** B. Lomborg, 7/16/20, NYT, Are We Overreacting on Climate Change? JE Stiglitz.

**Review: Our Final Warning: Six Degrees of Climate Emergency**, Mark Lynas, New York Review of Books, 8/20/20  
**130 Degrees**, Bill McKibben

**Hurricane, Fire, Covid-19: Disasters Expose the Hard Reality of Climate Change**, C. Flavelle, H.Fountain <https://www.nytimes.com/2020/08/04/climate/hurricane-isaias-apple-fire-climate.html?searchResultPosition=1>

**Class #5, Sept 23, Population Size and Global Public Health**  
**Readings to be added**

**Class #6, Sept 30, War and Global Health (*Articles to be added to Module*)**

**Editorial: Offline: North Korea—the case for health diplomacy**

**Letter: Nuclear war and public Health: rebalancing priorities and global health leadership**

**The Role of Public Health in the Prevention of War: Rationale and Competencies**

**Class #7, Oct 7, Non-communicable Diseases and Global Health**

Overview of cardiovascular diseases, diabetes, cancer, and mental health worldwide, their costs and consequences.

**Guest lecture: Dr. Randall Harris**

***Five page paper on COVID-19, A Global Perspective, Due Oct 7***

Castellano JM, Sanz G, Fernandez Ortiz A et al. **A polypill strategy to improve global secondary cardiovascular prevention: from concept to reality**. J Am Coll Cardiol 2014; 64:613-21

**Class #8, Oct 14, Global Food Systems Guest lecture: Dr. Armando E Hoet**  
**Readings to be added**

**Class #9, Oct 21, Vaccination and Global Health Guest lecture: Dr. Elisabeth Root**  
**Readings to be added**

**Class #10, Oct 28, Environmental Threats to Global Health**

**“Environmental Health Applied to the Global One Health Approach” Guest lecture: Dr. Michael Bisesi**

Van Rooijen DJ, Biggs TW, Smout I, Drechsel P. **Urban growth, wastewater production and use in irrigated agriculture: a comparative study of Accra, Addis Ababa and Hyderabad**. Irrig Drainage Syst 2010; 24:53–64.

Gebre G, Van Rooijen D. **Urban water pollution and irrigated vegetable farming in Addis Ababa**. 34th WEDC International Conference, Addis Ababa, Ethiopia, 2009.



World Health Organization. **Country profile of Environmental Burden of Disease: Ethiopia.** WHO: Geneva, 2009.

**For assigned date and time of your presentation, see beginning of Module Section in Carmen.**

**Class #11, Nov 4, Student Group Presentations**  
**Class #12, Nov 18, Student Group Presentations**  
**Class #13, Nov 25, Student Group Presentations**  
**Class #14, Dec 2, Student Group Presentations**

***Ten page paper on global health topic Due Dec 11***