

College of William and Mary
Department of Health Sciences
KINE 290 Introduction to Global Health

Fall 2021

Class Location: Small 110

Instructor: Iyabo Obasanjo, PhD

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Class Time: MWF 10 to 10:50am

Office Hours: Tuesdays and Thursdays 11:30 to 1pm via zoom or appointment for zoom meetings.

Important Dates: Add/Drop deadline: Sept 10

Withdraw Deadline: Nov 1

Final Exam Date: Dec 17th 2-5pm (Online)

Mid-Term Date: Oct 11 (Class time, Online)

Syllabus and readings will be in Blackboard either as links on the syllabus or as PDF files under information. The readings for a topic are expected to be read before that class.

Groups: You will select a group on one of the following topics:

1. Infectious/Communicable Diseases
2. Non-Communicable Diseases and Injuries
3. Healthcare Reform

Each Student will chose a topic within these three broad areas. The topic chosen will be given to the Teaching Assistant in charge of that topic Nov 15th at Noon.

Infectious/Communicable Diseases: Chloe Campbell

Non-Communicable Diseases and Injuries: John Cho

Health Reform: Chelsey Oppan

Course Objectives:

1. Explain from a global perspective the burden of disease, and the relationship between wealth and development.
2. Utilize basic epidemiological indicators to evaluate global health status.
3. Discuss fundamental concepts and issues in global health ethics.
4. Summarize the epidemiology of major communicable and non-communicable diseases, and discuss the role of global forces such as conflict and climate change in disease patterns.
5. Understand the way social, cultural, economic, and political factors interact in disease production.
6. Compare Health systems and health care delivery, and assess their effectiveness as utilized across the world.
7. Explain the global health challenges facing vulnerable and marginalized groups, such as prisoners and refugees.
8. Assess evidence-based interventions to address global public health issues.
9. Describe the impact of power and privilege on health equity.
10. Able to analyze how local and global factors work together to produce ill health and disease patterns.

Topics with Dates

	Date	Topic
1	Sept 1 st Wed	Course Overview: Review the syllabus, Groups , grading
2	Sept 3 rd Fri	Current State of Global Health: https://ourworldindata.org/life-expectancy , https://ourworldindata.org/burden-of-disease , Global Health Indicators
3	Sept 6 th Mon	Financing Global Health, Abuja Declaration, Global Fund
4	Sept 8 th Wed	Millennium and Sustainable Development Goals
5	Sept 10 th Fri	Legacies of Colonialism, Structural Adjustment Programs
6	Sept 13 th Mon	Demographic Divide, Epidemiologic and Nutritional Transition
7	Sept 15 th Wed	Social Determinants of Health, Health Inequities
8	Sept 17 th Fri	Migration and Health, Refugee Health, Geneva Convention
9	Sept 20 th Mon	Indoor and Outdoor Air quality
10	Sept 22 nd Wed	One Health and Emergency Preparedness
11	Sept 24 th Fri	Ethics in Global Health
12	Sept 27 th Mon	Communicable Diseases: Measles
13	Sept 29 th Wed	Communicable Diseases: Malaria
14	Oct 1 st Fri	Communicable Diseases: TB
15	Oct 4 th Mon	Communicable Diseases: HIV
16	Oct 6 th Wed	Communicable Diseases: Neglected Tropical Diseases: River Blindness
17	Oct 8 th Fri	Communicable Diseases: COVID-19
18	Oct 11 th Mon	Communicable Diseases and the Environment
19	Oct 13 th Wed	Overview of Non-Communicable diseases

20	Oct 15 th Wed	Global Life-Expectancy and causes of death, Happiness, Despair
21	Oct 18 th Mon	No Class-Fall Break
22	Oct 20 th Wed	Obesity and Sedentary Life-Style and sequelae
23	Oct 22 nd Fri	Mid-Term
24	Oct 25 th Mon	Epigenetics, Minority Health
25	Oct 27 th Wed	Non-Communicable Diseases: Cancers, Hypertension, Heart Disease
26	Oct 29 th Fri	Non-Communicable Diseases: Substance Abuse, Alcohol, Tobacco
27	Nov 1 st Mon	Non-Communicable Diseases: Injuries
28	Nov 3 rd Wed	Violence Against Women/Sexual Harassment
29	Nov 5 th Fri	Maternal Morbidity and Mortality
30	Nov 8 th Mon	Infant Mortality and Child Health
31	Nov 10 th Wed	Child Nutrition and Vaccination
32	Nov 12 th Fri	Health System
33	Nov 15 th Mon	Health Care Reform: Middle Income Countries (China, India, Mexico)
34	Nov 17 th Wed	Health Care Reform/System: High Income Countries (Germany, Japan, UK, Germany, France)
35	Nov 19 th Fri	US Health Care Reform (ACA)
36	Nov 22 nd Mon	Health Care Reform in Low Income Countries
37	Nov 29 th Mon	Community Health Interventions and Health Promotion, Alma Ata Declaration/Community Health Workers
38	Dec 1 st Wed	5 Student Presentations for Bonus (2 points)
39	Dec 3 rd Fri	5 Student Presentations for Bonus (2 points)
40	Dec 6 th Mon	5 Student Presentations for Bonus (2 points)
41	Dec 8 th Wed	5 Student Presentations for Bonus (2 points)
42	Dec 10 th Fri	Review, Final Papers due at Midnight.

Readings are all in Blackboard as links or PDF, under Reading tab on the left, using the Class number in the table above to find the reading for the class.

Instructional Methods:

The course meets for fifty minutes on Monday, Wednesday and Friday every week (see actual dates above). The way we use this time will vary, and will include lectures, discussions, watching films, and in-class exercises. You are required to sign-up for a small group. There are 3 small groups to choose from and it depends on your interests and background and they are based on which of these issues you are interested in exploring.

- a) Communicable/Infectious Diseases
- b) Non-Communicable Diseases and Conditions including injuries
- c) Health Reform

For each you can chose a country or region to explore the issue. For a and b, you need to choose a specific disease or condition eg Obesity in Mexico or Obesity in South America.

The paper should be no longer than 2000 words and should have only 3 subheadings 1) Background 2) Impact 3) Suggested Solutions.

For students in the Health Reform group, Background will be on the current system, Impact will be on the outcomes that system produces eg Life Expectancy, Maternal Mortality, Infant Mortality etc and Suggested Health Reforms. Also, you can review a Health Reform that has already been carried out.

Grading:

<u>Assignment:</u>	<u>% of Grade:</u>
Mid-Term	25%
Final Exam	40%
Paper on Small Group Assignment	30%
Attendance	5 %
Total	100%

The grading system will be set in Blackboard and Blackboard does not average up so all percentages until the next grade up get the lower grade level. For example, a 93.9 will be read by Blackboard as A- and only 94 and up will be an A. I will not be rounding up and will not entertain any such requests.

Grading scale*:

94-100	A
90-93	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
Below 60	F

*Grades may be curved or points added to the distribution as needed. Any adjustments will be in students' favor.

Diversity in the Department of Kinesiology and Health Sciences

The Department of Kinesiology & Health Sciences places a high value on inclusiveness in order to create an optimal environment in which our students learn, and our faculty and staff carry out their professional responsibilities. We aim to faithfully support, and be fully consistent with the objectives and aims of the Diversity Plan of Arts & Sciences. Our definition and view of diversity is wholly compliant with that of Arts & Sciences. That is, we see diversity as encompassing variability in age, cultural identity, ethnicity, gender, faith, neurological characteristics, geographic background, political and ideological perspectives, race, sexual orientation, social and economic status, as well as military status. In particular, we seek to assure proper diversity in recruitment and hiring processes, composition of our declared

majors, and other students who are enrolled in our courses, and those conducting research with our faculty members. We embrace open inquiry and discussion, and welcome individuals, perspectives, and ideas that reflect the heterogeneity of our country and academic discipline.