

**School of Population and Public Health
University of British Columbia
Overview of Global Health - 581J**

1. Course Description

This is an **Elective Course**

Pre/co-requisites: none

Maximum enrolment: 20

Course Date: September 5, 2018 - November 28, 2018

Wednesdays 09:00 - 12:00, Room SPPH 424

This overview course in global health provides a foundation upon which additional course offerings in global health can be built. Students will be exposed to instructors with global health experience in programming, service provision, research and training. The course introduces students to the major concepts and health issues in the field of global health. Students will be expected to complete the assigned weekly readings, write policy briefs based on readings, make a class presentation, present on the global burden of disease of an issue, life course and country of their choosing, and complete a final major policy brief on their assigned country.

2. Course Instructors

Instructor: Dr. Gina Ogilvie

E-mail: gina.ogilvie@cw.bc.ca

Office Hours: Wednesdays, 13:00 - 15:00, SPPH Office 427

(Office hours by **appointment only**. Must e-mail to book an office hour with Dr. Ogilvie. For any course questions, please contact the teaching assistant first)

Teaching Assistant: Mr. Prince Adu

E-mail: prince.adu@alumni.ubc.ca

Office Hours: Mondays, 10:00 - 12:00, SPPH Office 434

Please e-mail to book appointment

3. Learning Goals & Objectives

Learning Goal:

The overarching goal is for students to gain a broad understanding of what global health means and what the field encompasses. This course aims to provide knowledge on the importance of measuring the global burden of disease and understanding the current approaches and challenges of addressing current global health concerns. This course also aims to develop a basic understanding of broader concerns in the context of health systems, governance, and global connectivity.

Specific Learning Objectives:

1. Understanding of the life course perspective and the implications on health
2. Knowledge of the determinants of health and their interactions with the life course
3. Knowledge on measuring the global burden of disease
4. Knowledge on the current state of health around the world (infectious disease, non-communicable disease, mental health, Injuries)
5. Knowledge on the importance of and challenge of addressing women's health, including reproductive and maternal health.
6. Knowledge on infant, child and adolescent health
7. Understanding of the impact of climate change, natural disasters and conflict on health and the health system infrastructure.
8. Understanding of the importance of health system infrastructure and the challenges of implementation and health delivery.
9. Develop foundational knowledge of global health priorities for a low/middle income region and an age group in that region

4. Course Readings & Assignments

Students will be expected to complete the assigned reading before each class. The readings will take approximately 30 - 60 minutes to complete each week and consist of 2 - 3 articles and summary fact sheets that provide an overview to the topic of the week.

There will be:

- a. Written assignments: 5 policy briefs scheduled over the course of 12 weeks – see course schedule below for assignment dates – it is expected that students complete the assignment and be ready for peer review and discussion during class.
- b. Oral presentations:
 - SDG – choose LIC/LMIC country, life course, and issue; presentation date to be chosen during second class
 - Global burden of disease for selected life course and country – based on <https://vizhub.healthdata.org/gbd-compare/>

Further details and information on the assignments will be provided at the first class.

5. Course Structure

The course will take place every Wednesday morning from 09:00am - 12:00pm from September 5, 2018 to November 28, 2018.

The approximate structure for each class will be:

- 70-90 minutes of lecture on the selected topic of the week, which will consist of approximately 50-60 minutes of lecture followed by 20-30 minutes of questions/discussion
- 10 minute break

- remaining 80 minutes of class will consist of 20-30 minutes of SDG presentations and 50-60 minutes of peer assignment review, feedback, and discussion

Once a month, in addition to class (9:00am-12:00pm), there will be lunch seminar from 12:00pm-13:00pm (lunch will be provided).

6. Course Content & Speakers

i. Week 1: September 5th

9:00-9:30 – Dr. Gina Ogilvie: Course Introduction/Course Structure/Intro to Life Course

9:30-9:35 – Mr. Prince Adu: Submission of Assignments

9:35-9:45 – Ms. Simona Powell: Introduction to Global Health Lunch and Learn Seminar Series

9:45-10:20 – Dr. Gina Ogilvie: Intro to SDG & MDG

10:20-10:30 – Break

10:30-11:00 – Dr. Gina Ogilvie: Intro to briefing notes

11:00-11:30 – Dr. David Harris & Tania Dearden: sample briefing notes

11:30-12:00 – time available for questions and for room set-up of lunch seminar

LUNCH SEMINAR: Global Health Meet and Greet

Ms. Simona Powell: Introduction to global health office **AND**

Drs. Angeli Rawat, Jamie Forrest, Marianne Vidler: global health experiences in SPPH

ii. Week 2: September 12th

9:00-10:10 – Mr. Jamie Forrest: Measuring the Global Burden of Disease

10:10-10:25 – Ms. Soraya Utokaparch: Introduction to VizHub

10:25-10:35 – Break

10:35-12:00 – Panel discussion on global health research with Drs. Jamie Forrest, Angeli Rawat and Marianne Vidler

****students to sign up for SDG (region/country, life course) this week**

iii. Week 3: September 19th

9:00-10:10 – Dr. Richard Lester: Global Health Research/Implementation Science

10:10-10:40 – GBD presentations

10:40-10:50 – Break

10:50-12:00 – GBD presentations

iv. Week 4: September 26th

9:00-10:30 – Dr. Angeli Rawat: Non-Communicable Diseases

10:30-10:40 – Break

10:40-11:00 – SDG 1. No Poverty presentation

11:00-12:00 – **Assignment 1 due:** Briefing note on surveillance data/using GBD webpage for chosen region and life course

LUNCH SEMINAR: Dr. Courtney Howard Global Health and Climate (TBC)

Course Syllabus

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v. Week 5: October 3rd

9:00-10:30 – Dr. Srinivas Murthy: Infectious Diseases

10:30-10:40 – Break

10:40-11:10 – SDG 10. Reduced Inequalities and SDG 4. Quality Education presentations

11:10-12:00 – **Assignment 2 due:** Briefing note on Infectious Diseases on chosen region and life

vi. Week 6: October 10th

9:00-10:30 – Dr. Astrid Christoffersen-Deb: Women's & Maternal Health

10:30-10:40 – Break

10:40-11:10 – SDG 13. Climate Action and SDG 12. Responsible Consumption & Production presentations

11:10-12:00 – **Assignment 3 due:** Briefing note on Maternal Health on chosen region and life course

vii. Week 7: October 17th

9:00-9:30 – Dr. Steve Beerman: Drowning Prevention (10 min SKYPE, then Grand Challenges video) + discussion

9:30-10:20 – SDG 7. Affordable & Clean Energy, SDG 5. Gender Equality presentations, SDG 17. Partnership for the Goals

10:20-10:30 – Break

10:30-12:00 – Ms. Simona Powell: Natural Disasters Armed/Post Conflict

viii. Week 8: October 24th

Please note: later start time

11:00-12:00 – SDG 8. Decent Work & Economic Growth and SDG 11. Sustainable Cities & Communities presentations

LUNCH SEMINAR: Global Health Café

ix. Week 9: October 31st

9:00-10:30 – Dr. Mariana Brussoni: Injuries

10:30-10:40 – Break

10:40-11:00 – SDG 3. Good Health & Well-Being presentation

11:00-12:00 – **Assignment 4 due:** Briefing note on Injuries on chosen region and life course

x. Week 10: November 7th

9:00-10:20 – Dr. Maureen Mayhew: Mental Health

10:20-10:30 – Break

10:30-11:00 – SDG 16. Peace, Justice & Strong Institutions and SDG 9. Industry, Innovation & Infrastructure presentations

11:00-12:00 – **Final Presentations and Assignment 5 due:** Briefing note on Mental Health on chosen region and life course

xi. Week 11: November 14th

On-site at BC Children's Hospital in the Child and Family Research Institute (CFRI)/BC Children's Hospital Research Institute (BCCHRI) Building – Room 3113; CLASS START TIME: 8:30am

8:30-8:40 – Dr. Marianne Vidler: Intro to Centre for International Child Health (CICH)

8:40-9:45 – Dr. Mark Ansermino: Global Health Innovations

9:45-9:55 – Break

9:55-11:00 – Dr. David Goldfarb: Infant, Child, Adolescent Health

xii. Week 12: November 21st

9:00-10:10 – Final Assignment presentations

10:10-10:40 – SDG 2. Zero Hunger and SDG 6. Clean Water & Sanitation presentations

10:40-10:50 – Break

10:50-12:00 – Dr. Marla McKnight: Health Systems in Low and Middle Income Countries

****Students: 8-10 minute presentations each**

LUNCH SEMINAR: Dr. Marla McKnight Human Resources for Health in Global Health

xiii. Week 13: November 28th

9:00-12:00: Final Assignment presentations continued

7. Course Materials

No textbook is required for this course. All articles will be provided to you for review, furthermore supplementary reading is also available for your own interest. Other sources for writing assignments include reports and publications by the WHO and UN, as well as published literature.

8. Student Evaluation

- Participation (10%) – Based on attendance and group discussions
- Assignments (40%) – 5 assignments (briefing notes) in total worth 8% each 2- 3 pages (DUE on the Tuesday (at midnight) before class the next morning)
- Sustainable Development Goals Presentation (10%)
- Global Burden of Disease Presentation (5%) – based on GHDx website on chosen life course and country
- Final Presentation (20%) – 8-10 minute presentation on summary briefing note
- Final Assignment - Summary Briefing Note (15%) – 5-7 pages on your life course and country discussing the briefing notes you prepared.

Policy brief module:

http://www.jhsph.edu/research/centers-and-institutes/womens-and-childrens-health-policy-center/de/policy_brief/

http://www.jhsph.edu/research/centers-and-institutes/womens-and-childrens-health-policy-center/de/policy_brief/strong_brief.pdf

IMPORTANT NOTES

- Students are expected to know the following: (1) what constitutes plagiarism, (2) that plagiarism is a form of academic misconduct and (3) that such misconduct is subject to penalty. Please review the Student Discipline section of the UBC Calendar (available on-line at www.ubc.ca). Please also visit the UBC Plagiarism Resource Centre for Students (available on-line at ww.library.ubc.ca/home/plagiarism/).
- References for assignments should be from reputable sources. Wikipedia is not considered an appropriate source.

9. Course Schedule

COURSE OVERVIEW

Date	Allotted Time	Topic	Lecturer	Brief
Week 1 Sept 5, 2018 (9:00-13:00)	30 minutes	Welcome and introduction to the course + course structure	Dr. Gina Ogilvie	N/A
	5 minutes	Submission of Assignments	Mr. Prince Adu	
	10 minutes	Introduction to Seminar Series	Ms. Simona Powell	
	35 minutes	Introduction to MDG & SDGs Sign up for life course & country for SDG presentations	Dr. Gina Ogilvie Students	
		10 minute break		
	30 minutes	Intro to briefing notes	Dr. Gina Ogilvie	
	30 minutes	Sample briefing note presentations	Dr. David Harris Ms. Tania Dearden	
	30 minutes	Time available for questions Set up of lunch		
	60 minutes	LUNCH SEMINAR Global Health Meet and Greet: i. Introduction to global health office ii. Global health experiences at SPPH	Ms. Simona Powell Drs. Angeli Rawat, Jamie Forrest, Marianne Vidler	
Week 2 Sept 12, 2018	70 minutes (45 min lecture + 25 min discussion)	Measuring the Global Burden of Disease Lecture	Dr. Jamie Forrest	N/A
	15 minutes	Overview of GHDx website for GBD presentation	Ms. Soraya Utokaparch	
		10 minute break		
	85 minutes	Panel Discussion on Global Health Research	Drs. Jamie Forrest Angeli Rawat, Marianne Vidler	
Week 3 Sept 19, 2018	70 minutes (45 min lecture + 25 min discussion)	Global Health Research & Implementation Science Lecture	Dr. Richard Lester	N/A
	110 minutes (with 10 min break)	GBD presentations	Students	
Week 4 Sept 26, 2018	90 minutes (60 min lecture + 30 min discussion)	Non-Communicable Diseases Lecture	Dr. Angeli Rawat	Assignment 1
		10 minute break		
	20 minutes	SDG 1. No Poverty – End poverty in all its forms everywhere	Student	

(9:00-13:00)	60 minutes	Assignment 1 discussion	Students		
	60 minutes	LUNCH SEMINAR	Dr. Courtney Howard (TBD)		
Week 5 Oct 3, 2018	90 minutes (60 min lecture + 30 min discussion)	Infectious Diseases Lecture	Dr. Srinivas Murthy	Assignment 2	
	10 minute break				
	30 minutes (10 min presentation each + 10 min discussion)	SDG 10. Reduced Inequalities – reduce inequality within and among countries	Student		
		SDG 4. Quality Education – Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	Student		
50 minutes	Assignment 2 discussion	Students			
Week 6 Oct 10, 2018	90 minutes (60 min lecture + 30 min discussion)	Women’s & Maternal Health Lecture	Dr. Astrid Christoffersen-Deb	Assignment 3	
	10 minute break				
	30 minutes (10 min presentation each + 10 min discussion)	SDG 13. Climate Action – Take urgent action to combat climate change and its impacts	Student		
		SDG 12. Responsible Consumption & Production – Ensure sustainable consumption and production patterns	Student		
50 minutes	Assignment 3 discussion	Students			
Week 7 Oct 17, 2018	30 minutes (presentation + discussion)	Drowning Prevention Research & Program Implementation	Dr. Steve Beerman	N/A	
	50 minutes (10 min presentation each + 20 min discussion)	SDG 7. Affordable & Clean Energy – Ensure access to affordable, reliable, sustainable and modern energy for all	Student		
		SDG 5. Gender Equality – Achieve gender equality and empower all women and girls	Student		
		SDG 17. Partnership for the Goals – Strengthen the means of implementation and revitalize the global partnership for sustainable development	Student		
	10 minute break				
90 minutes (60 min lecture + 30 min discussion)	Natural Disasters & Armed/Post Conflict Lecture	Ms. Simona Powell			
Week 8 Oct 24, 2018	Please note: later start time 11:00 AM			N/A	
	30 minutes (10 min presentation each + 10 min discussion)	SDG 8. Decent Work & Economic Growth – Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	Student		
		SDG 11. Sustainable Cities & Communities – Make cities and human settlements inclusive, safe, resilient and sustainable	Student		
	10 minute break				
	LUNCH SEMINAR: Global Health Café				
Week 9 Oct 31, 2018 (9:00-13:00)	90 minutes (60 min lecture + 30 min discussion)	Injuries Lecture	Dr. Mariana Brussoni	Assignment 4	
	10 minute break				
	20 minutes (10 min presentation + 10 min discussion)	SDG 3. Good Health & Well-Being – ensure healthy lives and promote well-being for all at all ages	Student		
	60 minutes	Assignment 4 discussion	Students		

Week 10 Nov 7, 2018	80 minutes (50 min lecture + 30 min discussion)	Mental Health Lecture	Dr. Maureen Mayhew	Assignment 5
	10 minute break			
	30 minutes (10 min presentation each + 10 min discussion)	SDG 16. Peace, Justice & Strong Institutions – Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	Student	
		SDG 9. Industry, Innovation & Infrastructure – Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	Student	
60 minutes	Assignment 5 discussion & Final Assignment Presentations	Students		
Week 12 Nov 14, 2018 (8:30-11:00)	10 minutes	Intro to CICH	Dr. Marianne Vidler	N/A
	65 minutes (45 min lecture + 20 min discussion)	Global Health Innovations Lecture	Dr. Mark Ansermino	
	10 minute break			
	65 minutes (45 min lecture + 20 min discussion)	Infant, Child & Adolescent Health Lecture	Dr. Dave Goldfarb	
	Please note: This lecture occurs at BC Children's Hospital in the CFRI / BCCHRI Building, R3113 and starts at 8:30 am			
Week 11 Nov 21, 2018	70 minutes)	Final Assignment Presentations	Students	N/A
	10 minute break			
	30 minutes (10 min presentation each + 10 min discussion each)	SDG 2. Zero Hunger – end hunger, achieve food security and improved nutrition and promote sustainable agriculture	Student	
		SDG 6. Clean Water & Sanitation – ensure availability and sustainable management of water and sanitation for all	Student	
	70 minutes (50 min lecture + 20 min discussion)	Health Systems in Low and Middle Income Countries	Dr. Marla McKnight	
60 minutes	LUNCH SEMINAR	Dr. Marla McKnight		
Week 13 Nov 28, 2018	180 minutes	Final Assignment Presentations	Students	FINAL ASSIGNMENT DUE NOV 30, 2018