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
9:45-10:20 – 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

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

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

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)
v. Week 5: October 3\textsuperscript{rd}
9:00-10:30 – Dr. Srinivas Murthy: Infectious Diseases
10:30-10:40 – Break
11:10-12:00 – \textbf{Assignment 2 due}: Briefing note on Infectious Diseases on chosen region and life

vi. Week 6: October 10\textsuperscript{th}
9:00-10:30 – Dr. Astrid Christoffersen-Deb: Women’s & Maternal Health
10:30-10:40 – Break
11:10-12:00 – \textbf{Assignment 3 due}: Briefing note on Maternal Health on chosen region and life course

vii. Week 7: October 17\textsuperscript{th}
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 24\textsuperscript{th}
Please note: later start time
11:00-12:00 – SDG 8. Decent Work & Economic Growth and SDG 11. Sustainable Cities & Communities presentations
\textbf{LUNCH SEMINAR: Global Health Café}

ix. Week 9: October 31\textsuperscript{st}
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 – \textbf{Assignment 4 due}: Briefing note on Injuries on chosen region and life course

x. Week 10: November 7\textsuperscript{th}
9:00-10:20 – Dr. Maureen Mayhew: Mental Health
10:20-10:30 – Break
11:00-12:00 – \textbf{Final Presentations and Assignment 5 due}: Briefing note on Mental Health on chosen region and life course
xii. 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
10:40-10:50 – 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:

IMPORTANT NOTES

1. 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 www.library.ubc.ca/home/plagiarism/).
2. References for assignments should be from reputable sources. Wikipedia is not considered an appropriate source.

9. Course Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Allotted Time</th>
<th>Topic</th>
<th>Lecturer</th>
<th>Brief</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1&lt;br&gt;Sept 5, 2018 (9:00-13:00)</td>
<td>30 minutes</td>
<td>Welcome and introduction to the course + course structure</td>
<td>Dr. Gina Ogilvie</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>5 minutes</td>
<td>Submission of Assignments</td>
<td>Mr. Prince Adu</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 minutes</td>
<td>Introduction to Seminar Series</td>
<td>Ms. Simona Powell</td>
<td></td>
</tr>
<tr>
<td></td>
<td>35 minutes</td>
<td>Introduction to MDG &amp; SDGs &lt;br&gt;Sign up for life course &amp; country for SDG presentations</td>
<td>Dr. Gina Ogilvie</td>
<td>Students</td>
</tr>
<tr>
<td></td>
<td>10 minute break</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>30 minutes</td>
<td>Intro to briefing notes</td>
<td>Dr. Gina Ogilvie</td>
<td></td>
</tr>
<tr>
<td></td>
<td>30 minutes</td>
<td>Sample briefing note presentations</td>
<td>Dr. David Harris</td>
<td>Ms. Tania Dearden</td>
</tr>
<tr>
<td></td>
<td>30 minutes</td>
<td>Time available for questions &lt;br&gt;Set up of lunch</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>60 minutes</td>
<td>LUNCH SEMINAR &lt;br&gt;Global Health Meet and Greet: &lt;br&gt;i. Introduction to global health office &lt;br&gt;ii. Global health experiences at SPPH</td>
<td>Ms. Simona Powell</td>
<td>Drs. Angeli Rawat, Jamie Forrest, Marianne Vidler</td>
</tr>
<tr>
<td>Week 2&lt;br&gt;Sept 12, 2018</td>
<td>70 minutes (45 min lecture + 25 min discussion)</td>
<td>Measuring the Global Burden of Disease Lecture</td>
<td>Dr. Jamie Forrest</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>15 minutes</td>
<td>Overview of GHDx website for GBD presentation</td>
<td>Ms. Soraya Utokaparch</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 minute break</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>85 minutes</td>
<td>Panel Discussion on Global Health Research</td>
<td>Drs. Jamie Forrest</td>
<td>Angeli Rawat, Marianne Vidler</td>
</tr>
<tr>
<td>Week 3&lt;br&gt;Sept 19, 2018</td>
<td>70 minutes (45 min lecture + 25 min discussion)</td>
<td>Global Health Research &amp; Implementation Science Lecture</td>
<td>Dr. Richard Lester</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>110 minutes</td>
<td>GBD presentations</td>
<td></td>
<td>Students</td>
</tr>
<tr>
<td>Week 4&lt;br&gt;Sept 26, 2018</td>
<td>90 minutes (60 min lecture + 30 min discussion)</td>
<td>Non-Communicable Diseases Lecture</td>
<td>Dr. Angeli Rawat</td>
<td>Assignment 1</td>
</tr>
<tr>
<td></td>
<td>10 minute break</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20 minutes</td>
<td>SDG 1. No Poverty – End poverty in all its forms everywhere</td>
<td></td>
<td>Student</td>
</tr>
<tr>
<td>Week 5</td>
<td>Oct 3, 2018</td>
<td>90 minutes (60 min lecture + 30 min discussion)</td>
<td>Infectious Diseases Lecture</td>
<td>Dr. Srinivas Murthy</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
<td>------------------------------------------------</td>
<td>-----------------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 minute break</td>
<td></td>
<td>Assignment 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30 minutes (10 min presentation each + 10 min discussion)</td>
<td>SDG 10. Reduced Inequalities – reduce inequality within and among countries</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SDG 4. Quality Education – Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 minutes</td>
<td>Assignment 2 discussion</td>
<td>Students</td>
</tr>
<tr>
<td>Week 6</td>
<td>Oct 10, 2018</td>
<td>90 minutes (60 min lecture + 30 min discussion)</td>
<td>Women’s &amp; Maternal Health Lecture</td>
<td>Dr. Astrid Christoffersen-Deb</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 minute break</td>
<td></td>
<td>Assignment 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30 minutes (10 min presentation each + 10 min discussion)</td>
<td>SDG 13. Climate Action – Take urgent action to combat climate change and its impacts</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SDG 12. Responsible Consumption &amp; Production – Ensure sustainable consumption and production patterns</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 minutes</td>
<td>Assignment 3 discussion</td>
<td>Students</td>
</tr>
<tr>
<td>Week 7</td>
<td>Oct 17, 2018</td>
<td>30 minutes (presentation + discussion)</td>
<td>Drowning Prevention Research &amp; Program Implementation</td>
<td>Dr. Steve Beerman</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 minutes (10 min presentation each + 20 min discussion)</td>
<td>SDG 7. Affordable &amp; Clean Energy – Ensure access to affordable, reliable, sustainable and modern energy for all</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SDG 5. Gender Equality – Achieve gender equality and empower all women and girls</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SDG 17. Partnership for the Goals – Strengthen the means of implementation and revitalize the global partnership for sustainable development</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 minute break</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>90 minutes (60 min lecture + 30 min discussion)</td>
<td>Natural Disasters &amp; Armed/Post Conflict Lecture</td>
<td>Ms. Simona Powell</td>
</tr>
<tr>
<td>Week 8</td>
<td>Oct 24, 2018</td>
<td>30 minutes (10 min presentation each + 10 min discussion)</td>
<td>Please note: later start time 11:00 AM</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SDG 8. Decent Work &amp; Economic Growth – Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SDG 11. Sustainable Cities &amp; Communities – Make cities and human settlements inclusive, safe, resilient and sustainable</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 minute break</td>
<td></td>
</tr>
<tr>
<td>Week 9</td>
<td>Oct 31, 2018</td>
<td>90 minutes (60 min lecture + 30 min discussion)</td>
<td>Injuries Lecture</td>
<td>Dr. Mariana Brussoni</td>
</tr>
<tr>
<td></td>
<td>(9:00-13:00)</td>
<td>10 minute break</td>
<td></td>
<td>Assignment 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 minutes (10 min presentation + 10 min discussion)</td>
<td>SDG 3. Good Health &amp; Well-Being – ensure healthy lives and promote well-being for all at all ages</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>60 minutes</td>
<td>Assignment 4 discussion</td>
<td>Students</td>
</tr>
</tbody>
</table>
### Week 10
#### Nov 7, 2018
80 minutes (50 min lecture + 30 min discussion) | **Mental Health Lecture** | Dr. Maureen Mayhew
---|---|---
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
30 minutes (10 min presentation each + 10 min discussion) | 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
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
---|---|---
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
30 minutes (10 min presentation each + 10 min discussion each) | 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**