Foundations of Global Health Elective (PUBH 704) – Spring 2017

Course Director: Martha Carlough

Course Seminars: CLASSROOM..., 330-5 PM on every other Tuesday (DATES TO BE DETERMINED)

Course Objectives:

1. Students will gain a broader understanding of population based global health issues and social determinants of health
2. Students will be able to critically examine various global health topics based on learning from on-line modules, additional readings, interaction with involved faculty and staff, and practical experience
3. Students will be able to identify, describe, and discuss the need for integrated interdisciplinary approaches to global health problems
4. Students will develop modules for integration of global public health into career paths for medicine

Course Requirements and Assessment:

1. Completion of SIX on-line global health modules, which should each take 3-4 hours of educational time max. ONE module from the selection to be discussed on that class day is DUE before class time for each of the seminar sessions (after the first meeting). Each module contains:
   - Recorded one hour audio and slides of UNC faculty with expertise in this area presenting on the topic and appropriate for medical student audience
   - Carefully designed objectives for the presentation and a multiple choice quiz (10-12 questions)
   - Learning Activity – 1-2 pp case studies/short essay response to lecture and readings

Reflective Papers: (two short reflection papers of 4-5 pages based on (any combination of):

1. Global Health/Living Globally book and movie list (see provided list - many of which are in the OIA office for loan, or propose a different one to course faculty)
2. A chapter from “Essentials in Global Health” textbook (available from OIA office on loan) or a systematic review of articles related to one of the modules (see resources/readings for each module on sakai)
3. A critical review of a topic related to one of the modules
4. A faculty interview with a UNC faculty significantly involved in global health work (see guidelines for faculty interviews on sakai course site)
5. Narrative writing piece on global health experience or issue (see guidelines)

Seminar series:

1. A series of seminars over the course of the semester (90 min of class time each, will be scheduled on Tuesday afternoons 3:30-5 PM) are required (one absence will be permitted). Each student is expected to prepare a 30 min presentation on a critical issue, debates and future directions in a given topical global health area under discussion on the given day (time of assignments will be made the first day). Students are expected to work with the course faculty to find resources and plan for the session, including choosing additional readings for the class to review and critical questions. This is intended to be a SEMINAR/discussion with engagement of the entire class; not a power point presentation or lecture.

For students interested in THREE credits, additional completion of a scholarly project will be required, through working 1:1 with course faculty. This would be expected to include at least 15 hours of contact time through planned discussions with faculty and formal education and 30 hours of non-contact time (use in preparation of a systematic review (15 pp max) on a pertinent topic). You will need to keep a time log.

Credits: 2 elective credits

Grading: Honors/High Pass/Pass/Fail

Pre-requisites: Completion of the first semester of MPH program and at least two years of medical school or equivalent health background
Compliance with UNC Policies:

**Non-Discrimination:** The University of North Carolina at Chapel Hill is committed to equality of educational opportunity. The University does not discriminate in offering access to its educational programs and activities on the basis of age, color, creed, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or veteran status. The Equal Opportunity and Compliance Office (100 E. Franklin Street, Unit 110, CB #9160, Chapel Hill, NC 27599-9160 or (919) 966-3576) has been designated to handle inquiries regarding the University’s non-discrimination policies.

Valuing Diversity - Promoting and valuing diversity in the classroom enriches learning and broadens everyone’s perspectives. Inclusion and tolerance can lead to respect for others and their opinions and is critical to maximizing the learning that occurs in this course. This may challenge our own closely held ideas and personal comfort zones. The results, however, create a sense of community and promote excellence in the learning environment.

Diversity includes consideration of (1) the variety of life experiences other have had, and (2) factors related to “diversity of presence”, including, among others, age, economic circumstances, ethnic identification, disability, gender, geographic origin, race, religion, sexual orientation, social position. This class follows principles of inclusion, respect, tolerance, and acceptance that support the values of diversity.

Honor code - All students shall abide by the UNC honor code for all assignments and shall include the following on submitted paperwork: *“By including this sentence, I acknowledge that I understand that the Honor Code applies to this assignment and that further, I attest that I have neither given nor received help in completing this project”.*

ON-LINE MODULES:

1. Travel Health and Safety (Carlough/Becker-Dreps)
2. Cross-cultural issues, Ethics and Professionalism for global health electives (Carlough/Becker-Dreps)
3. Neonatal Health (Carlough)
4. Global Family Planning (Stuart)
5. Global Health Ethics (Henderson/Rennie)
6. Maternal Health and Safe Motherhood (Carlough)
7. Childhood diarrhea (Becker-Dreps)
8. Update on Global HIV epidemic (Gay/Hoffman) – Part I
9. Diagnosis and Management of HIV Globally (Gay/Hoffman) – Part II
10. Pediatric Malnutrition and Nutrition in Emergencies (Carlough)
11. Advance in the Prevention and Treatment of Malaria (Juliano)
12. Global Perspective on Mental Health (Blanco)
13. Malaria in the Returned Traveler (Martin)
14. Cervical Cancer Prevention and Treatment in Low Resource Settings (Carlough)
15. Migrant Farmworker Health (Thomas)
16. Water and Health (Bartram)
17. Care of the Sick Child in Low Resource Settings (Ruhl)
18. Care of Refugees (Carlough)
19. Medical Ideas and Practice Change (Nesochi)
20. Global Trauma and Surgery (Martin)
21. Non-communicable Diseases (Reyes) – *under development*
SPRING 2016 Class schedule: Tuesdays, 330-5 PM, McGavern Greenberg 1304

DATES:

<table>
<thead>
<tr>
<th>DATE:</th>
<th>Student to Present:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Intros, syllabus, honor code, sign up for presentations, OIA
Discussion/video on short term global health work (Carlough will lead)

ETHICS
Cross-cultural issues, Ethics and Professionalism for global health electives
Global Health Ethics (Henderson/Rennie)
Medical Ideas and Practice Change (Nesochi)

FIRST MODULE DUE

WOMEN’S HEALTH
Global Family Planning (Stuart)
Maternal Health and Safe Motherhood (Carlough)
Cervical Cancer Prevention and Treatment in Low Resource Settings (Carlough)

SECOND MODULE DUE

CHILD HEALTH
Neonatal Health (Carlough)
Care of the Hospitalized Child in Low Resource Settings (Ruhl)
Pediatric Malnutrition and Nutrition in Emergencies (Carlough)
Childhood diarrhea (Becker-Dreps)

THIRD MODULE DUE

ADULT HEALTH
Trauma and Surgery in LIC
Mental Health Issues in the Developing World
Non-communicable diseases in LIC *(in development...)*

*FIRST REFLECTION PAPER DUE

FOURTH MODULE DUE

MALARIA AND HIV
Update on Global HIV epidemic (Cindy Gay/Irving Hoffman) – Part I
Diagnosis and Management of HIV Globally (Cindy Gay/Irving Hoffman) – Part II
Advances in Prevention and Treatment of Malaria (Juliano)
Malaria in the Returned Traveler (Martin)

FIFTH MODULE DUE

GLOCAL CARE
Migrant Farmworker Health (Thomas)
Care of Refugees (Carlough)
Travel Health and Safety (Carlough/Becker-Dreps)

*SECOND REFLECTION PAPER DUE

LAST (SIXTH) MODULE DUE

Evaluation, finish up...

CAREER PANEL WITH VISITING FACULTY