Foundations of Global Health Elective (PUBH 704)

Course Director: Martha Carlough

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 6 on-line global health modules, which should each take 3-4 hours of educational time Each module contains:

    - Recorded one hour audio and slides (through Camtesia software) of UNC faculty with expertise in this area presenting on the topic and appropriate for medical student audience
    - Carefully designed objectives for the presentation, integrated quizzes and an assessment of completion
    - 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:

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 faculty interview with a UNC faculty significantly involved in global health work (see guidelines for faculty interviews)

Seminar series:
1. A series of 5-6 seminars over the course of the semester (90 min of class time each, will be scheduled on Tuesday afternoons 3:30-5 PM in Bondurant Hall) are required (one absence will be permitted). Each student is expected to prepare a 30-45 min presentation on critical issues, debates and future directions in a given topical GH area under discussion. Topics will be chosen from a list of core topics in the first seminar. 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.

Scholarly project:
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, observation/participation in a global health project site (e.g. planning for HHA medical student project or internship with a local INGO) and preparation of a systematic review (15 pp max) on a pertinent topic.

Credits: 2 elective credits (or 3 credits with scholarly project)

Grading: Honors/High Pass/Pass/Fail

Pre-requisites:

1. Completion of the first semester of MPH program and at least two years of medical school

ON-LINE MODULES: (completed as of December 2013)

- Travel Health and Safety (Carlough/Becker-Dreps)
- Cross-cultural issues, Ethics and Professionalism for global health electives (Carlough/Becker-Dreps)
- Neonatal Health (Carlough)
- Global Health Ethics (Henderson/Rennie)
- Global Family Planning (Stuart)
- Maternal Health and Safe Motherhood (Carlough)
- Childhood diarrhea (Becker-Dreps)
- Update on Global HIV epidemic (Cindy Gay/Irving Hoffman) – Part I
- Diagnosis and Management of HIV Globally (Cindy Gay/Irving Hoffman) – Part II
- Pediatric Malnutrition and Nutrition in Emergencies (Carlough)
- Advances in Prevention and Treatment of Malaria (Juliano)
- Mental Health Issues in the Developing World (Blanco)

SPRING 2014 class schedule: Tuesdays, 330-5 PM 3076 Bondurant

**expectation to have at least one module completed by every class time beginning 1/28 (six in total), first reflection paper by 4/1 and all class work completed by 4/20.*

CLASS TIMES:
1/14 – Intro, Ethics video

1/28 – Travel Health and Safety, Cross-cultural issues/Ethics/Professionalism and GH ethics
(seminar:

2/11 – Maternal Health, Neonatal Health, Family Planning
(seminar:

?3/25

4/1 – Pediatric Malnutrition, Childhood Diarrhea
(seminar:

4/8 – HIV I and HIV II
(seminar:

4/15 – Malaria, Mental Health

(seminar: