

Course Name: Global Health Short Term Research Elective GLBH-2002

Academic Group: Medical School

Department: Office of Global Health

Faculty Coordinator: Mary Chang, MD, MPH

Asst. Fac. Coordinators:

Periods Offered: Any time

Session: n/a

Length: 2 weeks

Credit hours: (1 credit/2weeks of elective time)

Max # of Students: n/a

Grading: Pass/Fail

Repeat for Credit: Y

Allow multiple enroll in term: Y

Special consent to enroll: Y

If Yes, Departmental: Office of Global Health **Instructor:** Mary Chang, MD, MPH

Final exam: N

Method of delivery:

First Day Contact: Mary Chang

First Contact Time: TBD by Faculty Coordinator

First Day Location: TBD by Faculty Coordinator

Prerequisites:

- I. **Course Description:** This is a 2-week elective where highly-motivated students are provided dedicated time to focus on a global health research project and travel internationally (if applicable) for data collection. Students may take this course more than once to create a longer research block such as a 4-week period. Given the short duration of this elective, this course is designed for students who have completed all of the project preparation before the student travels abroad. The following tasks must be completed before a student can be accepted to this course:
 - a. Determination of research topic, mentor, and research location. If students have trouble finding a faculty mentor in the early planning stages, the student should contact the Faculty Coordinator who will assist the student. We recommend students start this process at least 4-6 months prior to the elective start date.
 - b. Literature review.
 - c. Full research proposal including methodology submitted to the Office of Global Health designated RedCap site.
 - d. UTSW IRB approval completed before travel departure.
 - e. Must be in good academic standing.

II. **Learning goals/objectives/Assessments:**

Goals	Objectives	Assessment methods (examples)
Medical knowledge:	1. The student will be able to discuss the background, issue, and	<i>Written research summary at the end of the course.</i>

	<p>future steps of the research topic. For disease states, this includes the pathophysiology, diagnostic work up, current standard of care, and treatment modalities. If the project has a public health focus, the student should be able to describe the history and current state of the research topic focus.</p> <p>2. The student will learn the process of exploring a scientific question through literature review, idea creation, data collection, data analysis, and writing a scientific manuscript.</p>	
<p>Interpersonal and Communication skills: The student will effectively communicate with team members.</p>	<p>1. The student will experience effective communication of ideas and progress with the primary research mentor, collaborators, staff, and Faculty Coordinator.</p> <p>2. The student will navigate interpersonal and communication skills in a different culture.</p>	<p><i>The student will be evaluated based on feedback from the primary research mentor.</i></p>
<p>Professionalism: The student will demonstrate respect for patients and colleagues</p>	<p>1. The student will be punctual and complete all required work.</p> <p>2. The student will demonstrate respect and compassion for others.</p> <p>3. The student will demonstrate respect for patient privacy and autonomy.</p> <p>4. The student will adhere to the UTSW Code of Conduct at all times.</p>	<p><i>Based on observation of attendance at and participation in rounds</i></p>
<p>System based practice</p>	<p>1. If the student travels to an international location, the student will be exposed to different cultures and health care systems, which will broaden their understanding of health care processes.</p>	<p><i>The student will write a reflection essay that will include any lessons learned or insight they learned from working in a different health care system and culture.</i></p>

III. Methods of Instruction: *Required reading assignments and through meetings with research mentor(s) and collaborators.*

IV. Schedule: Students are expected to participate in 40 hours a week of research project-related activities.

V. Course requirements: Students will be required to produce 2 written documents:

1. A one-page succinct description of the Research Hypothesis, Background, Methods, Results, and Discussion.
2. A one-page reflection essay describing the experience.

Reflection essay Topics for Discussion:

- Discuss what you learned from this global health elective that you could not have experienced without going abroad.
- How did this experience impact your educational experience and/or future career path?
- Were there any cultural or health care system processes that you noticed were different from what you have experienced so far? Did it have an impact on your research experience?

VI. Methods of evaluation: Written requirements as stated above and primary research mentor feedback.

VII. Recommended reading:

Preparing Data for Analysis Using Microsoft Excel

Alan C. Elliott, Linda S. Hynan, Joan S. Reisch, Janet P. Smith

Will be available on the course D2L page.