

Graduate Certificate in Global Health
Office of Global Health, UNC Gillings School of Global Public Health

Purpose:

The purpose of the Graduate Certificate in Global Health is to prepare students to work in changing environments and with more diverse populations, and to respond competently to the challenges presented by permeable geographic and cultural boundaries. Careers in global public health require skills for working internationally and also within globally focused organizations based in the US and elsewhere. The Certificate will complement the students' departmental requirements by offering courses, seminars, and fieldwork or internships that provide for a comprehensive understanding of global health conditions, needs, and solutions that cross borders in *both* developing and industrialized countries and regions. Students will gain competence in identifying and analyzing factors that generate disparities in health status, health resources, and access to health information and health services, particularly for ethnic minorities and other marginalized and vulnerable population groups. In conferring a Global Health Certificate, the School of Public Health acknowledges students' capability and capacity to perform as public health professionals with a global perspective and with collaborative and cross-cultural sensitivity and skills (See list of competencies on page 4).

Rationale:

The world is economically, politically, culturally, and technologically connected and interdependent with increasingly mobile populations seeking economic opportunity, security, and safety as a result of civil unrest, regional conflicts, and diminished natural resources. Although some health problems and issues remain specific to levels and contexts of socio-cultural, economic, and political development within countries, many of the same problems, issues, and concerns transcend geographic boundaries, as should appropriate approaches and solutions. The concept of "global health" describes and addresses these realities. Successful efforts to discover, mobilize, transfer and adapt approaches and practices will ultimately bring global health for all.

Objectives:

1. Students will gain a global health knowledge base.
2. Students will learn about current global issues and concerns; and policies, processes, programs, and practices that contribute to and hinder global health improvement.
3. Students will apply principles and practices to gain skill and proficiency.

Eligibility:

The Graduate Certificate in Global Health is open to students enrolled in a residential graduate degree program of the UNC-Chapel Hill Gillings School of Global Public Health. Students enrolled in graduate degree programs of other units of UNC-CH may apply by requesting an interview with the Global Health Certificate coordinator Melissa Sanchez (mphmel@unc.edu).

Administration

The Office of Global Health (OGH) in the UNC Gillings School of Global Public Health administers the Graduate Certificate in Global Health. For more information about the OGH, please visit the website: <http://www.sph.unc.edu/globalhealth>.

Requirements:

1. Graduate-level global health-related Courses, totaling a minimum of 10 credit hours

- a) **One foundation courses**, either HPM 664/MHCH 664, *Globalization and Health* (3 credits) **OR** PUBH 510, *Interdisciplinary Perspectives in Global Health* (3 credits).
- b) **Two semesters of the Global Health Discussion Series (PUBH 500, 1/2 credit hour each semester)**; Selection of two semesters of monthly Global Health Discussion series Attendance it required at a minimum of 3 out of the 5 scheduled evenings each semester. See description starting on page 7 of this document for more information.
- c) **Three additional elective global health courses.** Table 1 provides a list of currently approved School of Public Health courses with global health content. This is not an exhaustive list of available courses, as new courses are continually being added and there are courses across UNC which might qualify toward the Certificate. If you are interested in taking a course not on the list below, please email the syllabus to ogh@unc.edu to let us determine if it will qualify toward the Certificate program.
 - i. We encourage you to conduct an international practicum, but practicum courses and credit hours **do not** count as an elective or toward the required 10 credits.
 - ii. Students are encouraged to improve their language proficiency, but language courses cannot be counted as an elective or toward the 10 credit hours since you cannot earn graduate credit for language courses.
 - iii. It should be noted that courses may have prerequisites at the instructor's discretion, and such requirements would apply to Certificate students in the same manner as they would to other students. Enrollment in the Certificate program does not guarantee entry into courses, so students should plan carefully and register early.

2. Master's paper/Ph.D. thesis should have a global health focus. If required by your department degree program, your master's paper, dissertation, capstone, or equivalent deliverable should have a focus on a global health issue, problem, or concern and should be negotiated with the departmental academic advisor.

- a) If you paper/thesis is on a domestic topic, you must include significant global health content (5-10 pages for master's paper, 10-15 pages for Ph.D. thesis) in the copy turned in to the Office of Global Health.
- b) If your final project/master's paper is a group project (e.g. HBHE), you must submit the group project report as well as a separate document (5-10 pages) applying your topic in a global setting (individual project, not group work).

3. Regular attendance at local global health-related events such as:

- a) Monthly seminars sponsored by the Office of Global Health.
- b) Global Health Brown Bag lunches sponsored by the Student Global Health Committee
- c) Global health events at other local universities or in the community

Announcements of Office of Global Health sponsored events will be posted on the Office of Global Health website and sent out via "*This Week in Global Health*" (Certificate students are automatically signed up to receive this newsletter; to unsubscribe to the listserv send an e-mail to ogh@unc.edu). Students should keep a record of qualifying events attended, as they will be

asked to submit a list before graduating. You can also see an events archive of OGH-sponsored events at <http://www.sph.unc.edu/globalhealth/events/>.

Global Health Practicum: A global health practicum is not a requirement to complete the global health certificate, but it is strongly recommended. Practicum placement could be in an international setting or with a US-based organization working internationally. The practicum should provide for application of global health knowledge and cross-cultural skills.

Several sources are available to students to assist them in finding internship placements and funding.

- The OGH posts information on internships and field placements through *This Week in Global Health* (http://www.sph.unc.edu/ogh/this_week_in_global_health.html). To sign up, send an email to ogh@unc.edu.
- The OGH maintains a webpage with possible funding sources, internship programs through global health organizations, and career support information (http://www.sph.unc.edu/globalhealth/students/student_funding.html).
- The Office of Student Affairs in the Gillings School of Global Public Health provides an online database for international internships and positions for public health students (http://www.sph.unc.edu/student_affairs/research_employment_opportunities_2716_2834.html).

Students are strongly encouraged to focus their studies in order to maximize their global health learning objectives. It is recommended that students choose a geographic region, either national or regional, and/or a thematic focus.

Process: The Office of Global Health in the UNC Gillings School of Global Public Health administers the Graduate Certificate in Global Health. Interested students should discuss the Program details with their departmental faculty advisor and department registrars. To enroll in the Program students need to meet with a departmental Certificate faculty advisor (see list below) and complete the application, available on the Certificate website <http://www.sph.unc.edu/globalhealth/certificate/>. Please submit your application to the Office of Global Health (ogh@unc.edu, or 124 Rosenau Hall). More course information is available through your departmental registrars, as well as online at http://regweb.unc.edu/courses/class_search.php. The OGH can answer any questions about the Certificate requirements and enrollment process.

Global Health Certificate Program Faculty Advisors:

Please be sure to discuss your interest in pursuing the Graduate Certificate in Global Health with your departmental certificate advisor -- see list below. Each of these faculty members serves on the Global Health Advisory Committee for the Office of Global Health and is the liaison between your department and the Office of Global Health. They will best be able to advise you in your course selections so that you are able to fulfill your department requirements, as well as complete the Certificate at the same time.

- Biostatistics: Shrikant Bangdiwala (kant@unc.edu)
- Environmental Science & Engineering: Jamie Bartram (jbartram@email.unc.edu)
- Epidemiology: Sharon Weir (sharon_weir@unc.edu)
- Health Behavior and Health Education: Suzanne Maman (maman@email.unc.edu)
- Health Policy and Management: Bruce Fried (bruce_fried@unc.edu) and Dean Harris (dean_harris@unc.edu)



- Maternal and Child Health: Ilene Speizer (speizer@email.unc.edu)
- Nutrition: Margaret "Peggy" Bentley (pbentley@unc.edu)
- Public Health Leadership Program: Bill Sollecito (bill_sollecito@email.unc.edu)
- Health Care Access and Prevention: Russ Harris (russell_harris@med.unc.edu)
- Students outside of Public Health: Mamie Harris (mamie_harris@med.unc.edu)

Distinctiveness of the Certificate: The Graduate Certificate in Global Health offers a program of study that is not already available to students as a major or minor area of study or as a concentration. The Center for Global Initiatives Graduate Certificate in International Development allows for a specialization in health and international development (<http://gi.unc.edu/programs/certificate-dev/index.html>).

Competencies of Graduate Certificate in Global Health

In conferring a Graduate Certificate in Global Health, the Gillings School of Global Public Health acknowledges students' capability and capacity to perform as public health professionals with a global perspective and with collaborative and cross-cultural sensitivity and skills.

Communication

1. Communicate global health information in diverse settings.
2. Utilize appropriate technologies and forms of communication with global and diverse audiences.

Diversity & Cultural Competency

1. Analyze a global health problem in an interdisciplinary manner in order to:
 - Develop interventions
 - Evaluate programs
 - Develop and implement policies, and
 - Contribute to the knowledge base of global health research
2. Extend cultural understanding and skills to global and diverse settings related to populations such as refugees, immigrants, and migrant workers.
3. Adapt and work effectively in countries and cultures that challenge one's physical, social and economic perspective or comfort level.

Leadership

1. Gain experience in leadership positions in diverse settings.

Professionalism & Ethics

1. Analyze global health disparities through a social justice and human rights lens.
2. Understand and analyze the roles and agendas of major players in global health.

Program Planning

1. Work with a research or evaluation team in a global context taking into consideration how the unique characteristics of research in a resource-poor setting affects research, design, data collection, interpretation and dissemination.

Systems Thinking

1. Analyze the complex tapestry and interaction of social, economic, political, and environmental systems that affect global health.



Questions?

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104 Rosenau Hall

<http://www.sph.unc.edu/globalhealth>

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**Approved Courses for the Graduate Certificate in Global Health
at the Gillings School of Global Public Health**

Course Number	Title	Instructor	Offered	Credit Hours
Biostatistics				
BIOS 670*	Demographic Techniques I	Suchindran, Bilsborrow	Fall	3
BIOS 771*	Demographic Techniques II	Suchindran	<i>Not Currently Offered</i>	3
Environmental Sciences and Engineering				
ENVR 421	Environmental Health Microbiology	Sobsey	Alternate Springs	3
ENVR 685	Water and Sanitation Planning and Policy in Developing Countries	Whittington	Alternate Springs	3
ENVR 755	Analysis of Water Resource Systems	Characklis	Spring	3
ENVR 785	Public Investment Theory	Whittington	Alternate Springs	3
ENVR 890-004	Water in Our World	Bartram	Spring	1
ENVR 890-007	Water, Sanitation, Hygiene, and Global Health	Bartram, Sobsey	Spring	3
Epidemiology				
EPID 690	Foundations of Public Health Ethics	Thomas	Alternate Springs	2
EPID 754	Mathematical Modeling of Infectious Diseases	Van Rie	Spring	3
EPID 757	Epidemiology of HIV in Developing Countries	Weir, Behets	Fall	3
EPID 785	Environmental Epidemiology	<i>Only approved when taught by Chen</i>	Fall	3
EPID 898	Global Health Ethics Seminar	Behets, Rennie	Fall	2
EPID 690	Emerging and Re-Emerging Infectious Diseases	Stamm	<i>Not Currently Offered</i>	3
EPID 752	Methods in Infectious Disease Epidemiology	Weber	<i>Not Currently Offered</i>	3
EPID 756	Control of Infectious Diseases in Developing Countries	Pettifor	<i>Not Currently Offered</i>	3
EPID 826	Infection/Inequality	Thomas	<i>Not Currently Offered</i>	3
Health Behavior and Health Education				
HBHE 706	Effective Training in Global Health	Randall-David, Turner	Spring	1
HBHE 753*	Qualitative Evaluation and Research Methods	Maman	Spring	3
HBHE 754	Advanced Qualitative Methods in Health Behavior and Health Research	Barrington	Fall	3
Health Policy and Management				
HPM 472	Program Evaluation	<i>Only approved when taught by Paul</i>	Spring	3
HPM 510 001	Global Perspectives on Ethical Issues in HPM	Harris	Spring	3
HPM 660*	International and Comparative Health Systems	Fried, Harris	Fall	3
HPM 664 (crosslisted as MHCH 664)	Globalization and Health (Certificate foundation course)	Fried	Spring	3
HPM 715	Health Economics	Stearns	Spring	3

Course Number	Title	Instructor	Offered	Credit Hours
Maternal and Child Health				
MHCH 605	Survey Course on Optimal Infant and Young Child Feeding	Labbok	Spring	3
MHCH 664 (crosslisted as HPM 664)	Globalization and Health (Certificate foundation course)	Fried	Spring	3
MHCH 700	MCH Planning and Evaluation	Roth	Fall	3
MHCH 712	Program Assessment in MCH	Farel	Spring	3
MHCH 716	International Family Planning and Reproductive Health	Bloom, Curtis	Spring	3
MHCH 722	Issues in International Maternal and Child Health	Singh	Fall	3
MHCH 723	Introduction to Monitoring and Evaluation	Speizer	Fall	3
MHCH 730	Reproductive Health Policy	Bennett	Fall	3
MHCH 862	MCH Program Evaluation	Angeles	Spring	3
Nutrition				
NUTR 745	International Nutrition	Adair, Bentley	Alternate Falls	3
NUTR 750	International Nutrition: Special Topics	Adair	<i>Not Currently Offered</i>	3
Public Health				
PUBH 420	AIDS: Principles, Practice and Politics	Strauss	Spring	1
PUBH 500	Global Health Discussion Series (Certificate requirement)	Fried	Fall/Spring	0.5
PUBH 510	Interdisciplinary Perspectives in Global Health (Certificate foundation course)	Bentley, Harris	Fall	3
PUBH 704	Foundations of Global Health Elective	Carlough, Becker-Dreps, Martin	Spring	2-3
PUBH 732	Cultural Competencies of Health Organizations	Harlan	Summer	3
PUBH 690, Section 08	One Health Intellectual Exchange Course: "Philosophy to Practical Integration of Human, Animal, and Environmental Health"	Sollecito	Spring	2

* This course may be used to fulfill one of the SPH core course requirements in some departments. Please check your Student Handbook or discuss with your departmental registrar to confirm this.

Please note the courses listed above are approved SPH courses only. Other graduate-level courses at UNC may qualify, so this is not a complete list of courses for completion of the Certificate. ****Be sure to get approval from the Office of Global Health prior to taking a course to ensure that it qualifies as a global health course for the Certificate Program.****

For more information about these courses see <http://www.sph.unc.edu/globalhealth/>.

Graduate courses with global health content from Duke University and North Carolina State University can also meet certificate requirements, but approval by the Office of Global Health is required.

Foundation courses to fulfill core course requirement**Interdisciplinary Perspectives in Global Health (PUBH 510)**

3 credit hours, Fall

The course explores contemporary issues, problems, and controversies in global health through an interdisciplinary perspective; examines the complex tapestry of social, economic, political, and environmental factors that affect global health; analyzes global health disparities through a social justice and human rights lens; analyzes the roles and agendas of major players in global health; looks at the link between global and local health issues; and exposes students to opportunities in global health work and research.

Instructors: Margaret “Peggy” Bentley, Associate Dean of Global Health
Mamie Harris, Africa Program Coordinator, Institute for Global Health and Infectious Diseases

Registration Information:

PUBH 510 Section 001 - Graduate students only

PUBH 510 Section 002 - Juniors & Seniors only

PUBH 510 Section 975 – TAM students only

Globalization and Health (HPM 664/MCH 664)

3 credit hours, Spring

The course examines multiple dimensions of globalization and explores their direct and indirect effects on determinants of health through presentations, case studies, class discussions and interactive sessions, small group seminars, readings, weekly written assignments, a critical book review, and a final paper and poster session. An expected outcome of the course is that students will gain a deeper understanding of how the changes and transformations of globalization and development affect health, and will have examined responses and approaches to current and projected global patterns that contribute to positive and adverse health effects, and health inequalities.

Instructors: Bruce Fried, Associate Professor, Health Policy and Management

Global Health Discussion Series
PUBH 500 (1/2 credit hour)

WHEN: Five evening sessions each semester
WHERE: In the Gillings School of Public Health
FOR WHOM: Students pursuing the Graduate Certificate in Global Health

OBJECTIVES

The series has several related objectives:

- Provide opportunities for global health certificate-earning students to get to know each other through an exchange and discussion of global health experiences, issues, current events and reports, courses, and important resources for field placements, internships, and employment.
- Exchange points of view in an informal setting with globally-experienced faculty on the UNC and other campuses, and global health practitioners.
- Build and strengthen trans-departmental alliances that will contribute to ongoing efforts within the School of Public Health to strengthen the importance of global health within public health.

INSTRUCTOR

Bruce Fried, Associate Professor, Department of Health Policy and Management
bruce_fried@unc.edu

REGISTERING FOR THE SEMINARS

Students pursuing the Graduate Certificate in Global health are required to register for two semesters of seminars (PUBH 500) on Connect Carolina, earning 1 credit hour for two semesters. One-half credit will be earned for each semester of enrollment.

SERIES TOPICS and FORMATS

Each evening seminar will have a thematic frame that may be skills-based or a presentation by a global health practitioner or faculty member.

REQUIREMENTS

Student's commitment to earning a Graduate Certificate in Global Health requires attendance at 3 sessions during each of the two semesters registered, earning a total of 1 credit hour (earn ½ credit for each semester's attendance), unless excused by seminar faculty. No written assignments are required.

GRADING

Attendance will be taken. Students will earn a P (Pass) or F (Fail), which will be dependent on their attendance at the sessions selected.

SCHEDULE

Fall 2012 (Thursdays, 6:15-7:45pm)

Date and Location	Topic	Speaker
Thursday, September 12th, 2013 McGavran-Greenberg 2301	Internship Panel	Student Speakers
Thursday, September 19, 2013 McGavran-Greenberg 2301	Research Utilization in a Global Health Context	Tricia Petruney, FHI360
WEDNESDAY, October 2, 2013 Rosenau 133	Empowering Africa through sustainable capacity development and education programs	Jackie Kemigisha, Girls Awake Foundation Don Holzworth, Accordia Global Health Foundation, Executive in Residence at UNC Gillings School of Global Public Health
Thursday, October 24, 2013 McGavran-Greenberg 2301	The Economics of Global Health: Water and Sanitation Policy in Lesser Developed Countries	Dale Whittington, Professor of Environmental Sciences & Engineering, City & Regional Planning, and Public Policy
Thursday, November 7, 2013 McGavran-Greenberg 2301	TBD	To be announced
Thursday, November 21, 2013 McGavran-Greenberg 2301	Fiction Book Club Discussion	Books: Boo, Katherine. Behind the Beautiful Forevers: Life, Death, and Hope in a Mumbai Undercity Katz, Jonathan M. The Big Truck That Went By: How the World Came to Save Haiti and Left Behind a Disaster Moyo, Dambisa. Dead Aid: Why Aid is Not Working and How There Is a Better Way for Africa Munk, Nina. The Idealist: Jeffrey Sachs and the Quest to End Poverty

Spring 2014 (TBD)

For additional information or clarification, please email ogh@unc.edu or call 919-966-3564.