



RESIDENTIAL GRADUATE CERTIFICATE IN GLOBAL HEALTH HANDBOOK

Gillings Global Gateway

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Purpose

The purpose of the Residential Graduate Certificate in Global Health is to provide students with an understanding of global health conditions, needs, and solutions that cross borders in *both* low and middle-income and industrialized countries and regions. The Certificate complements students' departmental requirements by offering courses and seminars that will prepare them to work in changing environments and with diverse populations, enabling them to respond competently to the challenges inherent to a career in global health. Students will learn to identify and analyze the factors that generate disparities in health status, health resources, and access to health information and services, particularly for ethnic minorities and other marginalized and vulnerable population groups. In conferring a Residential Graduate Certificate in Global Health, the School of Public Health acknowledges students' capability and capacity to perform as public health professionals with a global perspective, with collaborative and cross-cultural sensitivity and skills (See list of competencies on page 5).

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.

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.

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 Graduate Research Assistant Certificate coordinator Emily Nicholson (globalgateway@unc.edu).

Administration

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

Requirements

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

- a) **One foundation course**, either HPM 664/MHCH 664, *Globalization and Health* (3 credits) **OR** PUBH 510, *Interdisciplinary Perspectives in Global Health* (3 credits)/PUBH711 (starting in Fall 2015) *Critical Issues in Global Health*. **The foundation course cannot count towards your degree credit requirement.**
- 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 11 of this document for more information. **The Global Health Discussion Series cannot count towards your degree credit requirement.**
- c) **Additional elective global health courses (6 credit hours)**. 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 globalgateway@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.

**The Graduate School policy regarding students working toward a certificate and degree concurrently: The total number of academic credits transferred shall not exceed 40% of the total required for a Certificate. Only 4 credits can be counted towards your degree and the Residential Certificate in Global health. The remaining 6 global health credits (One foundation course, PUBH500, and 2 other global health credits) that fulfill the Residential Certificate in Global Health credit requirement cannot be counted towards your degree requirements.*

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 your 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. **Attendance at local global-health related events (at least 1 per semester):**
 - a) Seminars sponsored by the Gillings Global Gateway.
 - 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 Global Gateway sponsored events will be posted on the GGG 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 globalgateway@unc.edu). Students should keep a record of qualifying events attended, as they will be asked to submit a list before graduating.

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 GGG posts information on internships and field placements through *This Week in Global Health* (<http://sph.unc.edu/global-health/global-gateway-global-happenings/#TWIGH>). To sign up, send an email to sph_ogh_news@unc.edu.
- The GGG maintains a webpage with possible funding sources, internship programs through global health organizations, and career support information (<http://sph.unc.edu/global-health/ggg-internships-and-funding/>).
- 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

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.

Application Process

The Gillings Global Gateway 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 student service managers. To enroll in the Certificate students need to:

- 1) *Submit a completed application form to the Gillings Global Gateway*
- 2) *Meet with the GGG Graduate Research Assistant to review application and receive a Certificate Verification Form*
- 3) *Complete Certificate Verification Form with departmental advisor/student services manager*
- 4) *Return Certificate Verification Form to GGG Graduate Research Assistant*

The GGG can answer any questions about the Certificate requirements and application process.

Completion of Certificate

To successfully complete the Residential Graduate Certificate in Global Health, students must complete their degree requirements and the certificate requirements listed below.

- 1) *Completed 3 requirements above*
- 2) *Submission of requested materials to Sakai website:*
 - *Signed and updated Verification Form*
 - *Unofficial copy of your transcript (if a dual degree student, provide both School's transcripts)*
 - *Electronic copy of an abstract or brief description of your master's paper or PhD thesis. (You will be required to submit the entire paper by the end of your graduating semester).*
 - *A list of the Global Health seminars you have attended while enrolled in the Certificate program*
 - *Your permanent address where your certificate can be mailed after your graduation*

Competencies of Certificate

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.

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.

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

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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 471 | Water, Sanitation, Hygiene, and Global Health | Bartram, Sobsey | Spring | 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 890-1 | Sanitation in Developing Countries | Kolsky | Fall | 3 |
| ENVR 890-5 | Environmental Health Inequalities: A Global Perspective | Woods | Fall | 3 |
| Epidemiology | | | | |
| EPID 690 | Emerging and Re-Emerging Infectious Diseases | Stamm | <i>Not Currently Offered</i> | 3 |
| 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 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 |
| HBEH 756 | Social and Peer Support in Health: An Ecological and Global Perspective | Fisher | Spring | 3 |
| HBEH 815 | Foundations of Health Behavior (Global Health Module) | Muessig | Fall | 3 |
| Health Policy and Management | | | | |
| HPM 472 | Program Evaluation | <i>Only approved when taught by Paul</i> | 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 |
| HPM 722 | Global Perspectives on Ethical Issues in HPM | Harris | 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 690 | Special Topics: Global Sexual and Reproductive Health | Bennet | Spring | 1 |
| 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 |
| NUTR 809 | Qualitative Research Methods for Nutrition | Bentley | Spring | 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 711 | Critical Issues in Global Health (Online Course) *(Certificate foundation course starting in Fall 2015) | Ramaswamy | Fall | 3 |
| PUBH 716 (<i>formerly SPHG/PUBH 690 Spring 2014</i>) | Gillings Global Implementation Lab (Global section only) | Ramaswamy, Farel, Hobbs | Spring | 3 or 5 |
| Additional Courses (outside of SPH) | | | | |
| PLCY 565 | Global Health Policy | Meier | | 3 |
| PLCY 570 | Health & Human Rights | Meier | | 3 |

* 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 consult your departmental student services manager to ensure desired courses will be offered during your enrolled years (courses are subject to change annually).

Please note 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 Gillings Global Gateway 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://sph.unc.edu/global-health/gh-certificates/#certificate>

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

Foundation courses to fulfill core course requirement

Interdisciplinary Perspectives in Global Health (PUBH 510)

3 credit hours, Fall

If class is being used to fulfill the Certificate's foundation course requirement, the credits cannot count towards satisfying your degree credit requirements.

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

Globalization and Health (HPM 664/MCH 664)

3 credit hours, Spring

If class is being used to fulfill the Certificate's foundation course requirement, the credits cannot count towards satisfying your degree credit requirements.

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)

PUBH 500 credits cannot count towards satisfying your degree credit requirements.**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.

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