

## UNIVERSITY SENATE REVIEW AND CONSULTATION SUMMARY SHEET

**Proposal Title:** New Graduate Certificate Proposal – Global Health

**Proposal Contact:** Dr. Claudia Hopenhayn  
121 Washington Avenue, Room 213  
219-0773 ext 307 or via email at [cmhope0@uky.edu](mailto:cmhope0@uky.edu)

**Instruction:** To facilitate the processing of this proposal please identify the groups or individuals reviewing the proposal, identify a contact person for each entry, provide the consequences of the review (specifically, approval, rejection, no decision and vote outcome, if any) and please attach a copy of any report or memorandum developed with comments on this proposal.

<b>Reviewed By</b>	<b>Contact person</b>	<b>Consequences of Review</b>	<b>Date of Proposal Review</b>	<b>Review Summary Attached?</b>
Academic Affairs Committee	Marta Mendiondo, Chair	Approved	4-9-08	Yes
Faculty Council	Glyn Caldwell, Chair	Approved	4-10-08	Yes
CPH Dean	Stephen Wyatt, Dean	Approved	3-31-08	Yes
Office of Academic Affairs	Linda Alexander, Associate Dean	Approved	1-18-08	Yes



UNIVERSITY OF KENTUCKY

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**COLLEGE OF PUBLIC HEALTH**

**M E M O R A N D U M**

**TO:** Health Care Colleges Council

**FROM:** Linda A. Alexander, EdD  
Associate Dean for Academic Affairs

**SUBJECT:** New Certificate Proposal – Global Health

**DATE:** April 23, 2008

It is the intention of the College of Public Health to begin offering a new graduate certificate in Global Health.

In an effort to expand our ability to respond to health professionals' desire to become more aware of health issues around the world, our College has developed a certificate to meet this need. Its multidisciplinary nature makes it appropriate for a variety of health professionals, including our public health students, and it is open to graduate students in any of the health sciences or other disciplines across campus. It will also be available to professionals or other college graduates interested in obtaining this additional training.

After the full proposal was completed, it was reviewed and approved by the Academic Affairs Committee and the Faculty Council, according to our college's established bylaws.

Further information about this course can be obtained by contacting the program's proposed director, Dr. Claudia Hopenhayn, at 219-0773 or via email at [cmhope0@uky.edu](mailto:cmhope0@uky.edu).

**From:** Glyn Caldwell [mailto:glyncaldwell@dcr.net]  
**Sent:** Thursday, April 10, 2008 7:58 PM  
**To:** Mendiondo, Marta  
**Cc:** Murphy, Shanelle D; Murphy, Shanelle D; Hopenhayn, Claudia  
**Subject:** Faculty Council Approval of Global Health Certificate Program

The Faculty Council approved the proposed certificate in Global Health Program during today's meeting.

The Global Health Certificate has been approved by the CPH Academic Affairs Committee and all paperwork has been sent to Faculty Council for their vote.

Marta S. Mendiando  
Chair of AAC

*Marta S. Mendiando, PhD*  
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[marta@email.uky.edu](mailto:marta@email.uky.edu)

## Brothers, Sheila C

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**From:** Menciondo, Marta  
**Sent:** Thursday, December 18, 2008 3:14 PM  
**To:** Brothers, Sheila C  
**Subject:** SAPC

Sheila,  
At the December 12, 2008 meeting the SAPC approved the recommendation of the following programs:

New Graduate Certificate: Assistive and Rehab Technology  
New Program: Gender and Women Studies  
New Graduate certificate: Global Health

We did not discuss the PharmD / MPH Dual Program. The primary reviewer was not there due to a sick child, otherwise we had perfect attendance.

Please let me know what other programs are for the January agenda. I will send an email tomorrow morning to make sure that we are going to have a quorum on the 9<sup>th</sup>, otherwise I will postpone it to the 16<sup>th</sup> if more convenient.

Tx,  
Marta

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**COLLEGE OF PUBLIC HEALTH**

MEMORANDUM

To: Dr. Marta Mendiondo  
Chair, Academic Affairs Committee  
College of Public Health

Dr. Jeannine Blackwell  
Dean, Graduate School  
University of Kentucky

From: Dr. Stephen Wyatt  
Dean, College of Public Health

Date: March 31, 2008

Subject: Global Health Certificate Program

Attached is a proposal submitted by Dr. Claudia Hopenhayn, College of Public Health (CPH), to create a Graduate Certificate Program in Global Health. This program will be available to not only students in the CPH, but also to all graduate and professional students in the Health Colleges, and potentially to interested graduate students from other programs at the University.

Dr. Hopenhayn has extensive experience conducting research in developing countries and mentoring students' internships abroad, and she has been nominated to be the Director of the Certificate Program, with up to 20% of her DOE assigned to this role. Associates have been drawn from all the departments in the College of Public Health and the other Health Colleges, showing the multidisciplinary nature of this certificate. The proposed program will consist of a minimum of 15 credit hours, including 12 credit hours of coursework, and a 3 credit hour internship to be conducted in a foreign country.

The proposed Certificate Program has broad support among many colleges and departments at the university. It also fits well with Provost Subbaswamy's commitment to increasing the internationalization of the University. A survey of students across the six Health Colleges, with over 500 respondents, revealed a high level of interest in a global health program. The curriculum, described in the attached application, is multidisciplinary, as reflected in the elective courses drawn from numerous departments across the University.

I am very supportive of the creation of a Graduate Certificate Program in Global Health and I think it will be of significant interest and benefit to students and to the University community.

Stephen W. Wyatt, DMD, MPH  
Dean, College of Public Health

3/31/08

Date

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## Proposal for a Graduate Certificate ~~Program~~Certificate in Global Health

### Purpose:

The goal of the graduate certificate ~~program~~ in global health (hereafter referred to as GH ~~program~~certificate) is to provide a general foundation in the understanding of global health issues and the complex multiplicity of factors that affect them, and to provide some basic tools in health assessment methods to measure their impact. Given the widespread globalized nature of our world today, there is an increasing need for understanding the impact of globalization on health, both in terms of health patterns common across regions, and in terms of how what were once considered focal, limited local issues can transcend national and continental borders. The GH ~~program~~certificate is designed to prepare students for the increasing demand for international, interdisciplinary skills in the areas of public health prevention, health care and other health-related disciplines.

The GH ~~program~~certificate will include a minimum of 15 units - 12 of classroom coursework and 3 based on a required international internship course. The GH ~~program~~certificate will be housed in the College of Public Health, but it is intended to be multidisciplinary and open to a variety of graduate students in any of the health sciences or other disciplines across campus. It will also be available to professionals or other college graduates interested in obtaining this additional training.

### Background:

In 2007 a global health committee was formed to discuss the interest and need, and subsequently to develop the GH ~~program~~certificate, chaired by Dr. Claudia Hopenhayn. This committee included faculty representatives from each of the six departments in the College of Public Health (CPH), as well as a faculty member from each of the other five UK health colleges (medicine, dentistry, nursing, health sciences and pharmacy). The committee met several times throughout 2007, and developed a curriculum for the GH ~~program~~certificate. The development of the current application for the GH ~~program~~certificate was the result of several key activities and interests, and the awareness that global health has emerged as a multidisciplinary field across private and public, academic, research and educational, national and international organizations:

- An extensive review of similar programs across U.S. universities. In 2006 over 40 programs in international/global health were offered in association with Master's of Public Health, in addition to those offered by other colleges or units. The programs range from certificate programs, MPH concentrations, or as specialty tracks within concentrations (e.g. MPH in global health epidemiology).
- A survey of over 500 UK graduate students from the 6 health colleges revealed significant interest in a global health program across disciplines.
- A comprehensive review of graduate courses offered across the UK campus, which showed many potential elective courses for the GH ~~program~~certificate.
- Feedback from faculty in other UK colleges, including geography, anthropology, entomology and others demonstrated wide support for the GH ~~program~~certificate.

- The overall plan for increasing internationalization of the UK campus, including participation of students in educational, training and/or internship programs abroad.

After discussions by the global health committee, and with the dean of CPH, the chair of CPH Faculty Council and of the Department of Epidemiology, it was decided that the proposed [program certificate](#) would be offered by CPH, through the Department of Epidemiology.

#### Admission Requirements:

University of Kentucky students enrolled in, or accepted to, a graduate or post-baccalaureate professional degree program (e.g. medicine, dentistry, law) may apply for admission to the GH [Program Certificate](#).

Other individuals wishing to apply for admission to the GH [Program Certificate](#) must first apply to and satisfy the requirements of the University of Kentucky Graduate School. The minimum Graduate School requirements for admission to a graduate certificate [program](#) are the same as those in effect for post-baccalaureate status.

Applications to the GH [Program Certificate](#) will be reviewed by the Certificate Director, who will notify the Graduate School in writing when a student is admitted ~~to the Program~~. The number of students admitted to the GH [Program Certificate](#) each year may be limited, depending on the resources available to provide the teaching, mentoring and international internship supervision necessary for successful completion of the GH [Certificate program](#). It is anticipated that the [program certificate](#) will start with 5-10 students per year.

#### Global Health Graduate Certificate Requirements:

As required by the Graduate School, a student must maintain a minimum GPA of 3.0 in the courses required for completion of the GH [Program Certificate](#). The curriculum of the GH [program Certificate](#) will consist of a minimum of 15 units, and are described in more detail in Appendices I and II. The curriculum will be divided into required and elective courses as follows:

##### Required courses:

- 1) CPH-751: Introduction to Public Global Health - 3 units;  
This course has been previously offered as CPH-758: Special Topics in Health Services Management; International Public Health (3). It is currently being submitted as a new course titled Introduction to Public Global Health.
- 2) A health assessment course – 3 units:  
This requirement can be met by completion of CPH-605 (Epidemiology). Other courses may fulfill this requirement, but must be approved by the Certificate Director.
- 3) CPH-709: Global Health Internship – 3 units  
To obtain the GH Certificate, students enrolled in the [program certificate](#) must perform an international internship of a minimum duration of four weeks. This internship will constitute a new course, currently being submitted with this certificate application. The course will have a similar format to CPH-609, a practicum course



requirement for MPH students. The internship is described in more detail in Appendix II.

#### Electives:

Two elective courses, totaling at least 6 units, will complete the requirements for the GH ~~e~~Certificate program. A list of possible elective courses has been compiled and is included in Appendix I. One of the electives will be selected from list A. The second elective can be from list A, list B, or another course not listed that is relevant to global health. The selection will depend on the student's interest and goals. The selection of electives will be limited to not more than one course from the CPH, to ensure breadth of content by requiring all students to select at least one course from other disciplines.

#### Award of Certificate in Global Health:

When a student enrolled in the UK Graduate School has successfully completed the last required course for the GH Certificate Program and has satisfied the GPA requirements stated above, the Certificate Director shall send a completed, signed Graduate Certificate Completion Form to the Dean of the Graduate School verifying that the student has fulfilled all requirements for the certificate and requesting award thereof. The Graduate School shall then issue the student's certificate and official notify the University Registrar of the awarding of the certificate, for posting to the student's permanent transcript.

#### Graduate Certificate Director:

The director for the GH Program Certificate will be Claudia Hopenhayn, PhD, MPH (pending appointment by the Dean of the Graduate School). Dr. Hopenhayn is an Associate Professor of Epidemiology in the College of Public Health and full member of the Graduate Faculty. She has experience in international research, teaching and student mentoring.

#### Graduate Certificate Associates:

Associates will be faculty from the various CPH departments, other health colleges, and possibly other UK colleges with an interest and commitment to global health, and may change over time. Initially, the list of Associates includes the following:

Joel Lee, PhD, Professor, Dept. of Health Services Management, CPH

Julia Costich, PhD, JD, Assistant Professor, Dept. of Health Services Mgt., CPH

Evelyn Knight, Ph.D, Associate Professor, Dept. of Health Behavior, CPH

Gail Brion, PhD, Raymond-Blythe Professor, Dept. of Environmental Health and Preventive Medicine, CPH, and College of Engineering

Marta Mendiondo, PhD, Assistant Professor, Dept. of Biostatistics, CPH

Faika Zanjani, PhD, Assistant Professor, Dept. of Gerontology, CPH

Sam Metheny, MD, MPH, Professor, Dept. of Family Medicine, College of Medicine

Thomas Young, MD, MPH, Professor, Dept. of Pediatrics, College of Medicine

Melody Ryan, PhD, MPH, Associate Professor, College of Pharmacy

Kristin Ashford, PhD, ARNP, Assistant Professor, College of Nursing

Juan Yepes DDS, MD, MPH. Assistant Professor, College of Dentistry

## **APPENDIX I: Courses for the Graduate Certificate in Global Health REQUIRED COURSES**

### **1) CPH-751: INTRODUCTION TO GLOBAL HEALTH (3)**

New course to be offered starting in Fall 2008. This graduate level course will acquaint students with the major issues and challenges for public health in a variety of wealthy, emerging, and impoverished nations and with the impact of local or regional issues on national and/or global levels.

### **2) A Health Assessment/Epidemiology course (3).**

This requirement can be currently met by CPH 605 – EPIDEMIOLOGY (3). Other courses may also fulfill this requirement (will require approval of the Director of the GH [Program Certificate](#)).

This is a graduate level course introducing the principles and methods of epidemiologic research, including descriptive measures of disease, risk factors and intervention; screening, study design, bias, confounding and validity.

### **3) CPH-709: GLOBAL HEALTH INTERNSHIP (3)**

**New course to be offered starting in Summer or Fall of 2008.  
SEE SEPARATE DESCRIPTION IN APPENDIX II.**

## **ELECTIVE COURSES**

Students are to select at least **two** elective courses, for a minimum of 6 units. Below is a selected list of possible electives, but students may elect other courses, with prior approval of the Graduate Certificate Director. Courses have to include topics related to global health, from a medical, cultural, geographical, sociological, or other perspective. One elective has to be from List A (or be approved by GH Director). At least one course has to be a non-CPH course.

#### **LIST A:**

ANT 646 GLOBAL HEALTH: PEOPLE, INSTITUTIONS, AND CHANGE (3)  
CE 655 WATER SANITATION AND HEALTH. (3)  
CPH646 PUBLIC HEALTH AND ANTHROPOLOGY (3)  
CPH 612 INFECTIOUS/EMERGING DISEASES EPIDEMIOLOGY. (3)  
GEO 475G MEDICAL GEOGRAPHY. (3)  
ENT 561 INSECTS AFFECTING HUMAN AND ANIMAL HEALTH. (3)

#### **LIST B:**

AAS 431G CULTURES AND SOCIETIES OF SUB-SAHARAN AFRICA. (3)  
ANT 603 HUMAN BIOLOGY IN CONTEXT OF SOCIOCULTURAL CHANGE. (3)  
ANT 766 GENDER, ETHNICITY AND HEALTH. (3)  
ANT 774 FOOD AND FOOD SECURITY IN A CHANGING WORLD (3)/ BSC 774  
ANT 775 CULTURE AND POLITICS OF REPRODUCTION (3)  
ANT 637 or SOC 637 SOCIOCULTURAL DIMENSIONS OF ECONOMIC DEVELOPMENT. (3)  
BIO 582 VIROLOGY  
BSC 766 CONCEPTS IN MEDICAL SOCIOLOGY. (3) Same as SOC 766  
BSC 763: SEMINAR ON HEALTH INEQUITIES  
CHE 565, ENVIRONMENTAL CHEMISTRY (3)  
CJT 619 PROSEM. IN INTERNATIONAL/ INTERCULTURAL COMMUNICATION (3)  
CPH 645 FOOD SYSTEMS, MALNUTRITION AND PUBLIC HEALTH. (3)  
GEO 544 HUMAN POPULATION DYNAMICS. (3)  
NUR 752 CULTURALLY COMPETENT HEALTHCARE: CLIENT, CLINICIAN, AND ORGANIZATIONAL PERSPECTIVES. (3)

## **APPENDIX II: CPH 709: Global Health Internship**

### Course Learning Objectives

This course will provide the opportunity for students to participate in a health-related activity, project or program in a resource-limited setting in a foreign country. This will allow students in the Global Health Certificate [Program](#) to gain direct international experience with some relevant, current global health issues, and to integrate and apply knowledge and skills learned in their coursework.

The minimum duration of the internship will be four weeks. The internship will be a 3 unit graduate course (to be submitted as a new course, similar in format to the practicum course CPH-609).

Each internship will be unique, depending on the student's background and interest, as well as on the needs and resources of the location where it will be conducted. The main activity and setting of the internship can range from providing primary or specialty direct patient care in a hospital, outpatient or other type of medical setting; prevention, community health or health education activities in schools, neighborhood meetings or other venues; collection of environmental samples from water, soil, food, etc. For students in the colleges of Medicine, Nursing, Dentistry, Pharmacy and Health Sciences, the internship may take the form of a rotation.

Internship placements will require completion of an application to be submitted to and reviewed by the GH certificate director. The internship application shall include a proposed work plan, with activity and learning objectives, and a mentorship plan which should include a UK-GH associate faculty supervisor and a local, qualified mentor or supervisor in the host location. Approval of the internship application will also include consideration of the student's background, interests and language capabilities.

In addition to the field experience, before traveling the student will complete pre-departure orientation and preparation requirements of the Office of International Affairs for students studying and/or working abroad. Upon returning to the U.S., the student must report on his/her experience in the form of a written report, an oral, open presentation or other format and be approved by the UK-GH supervisor, for the completion of his/her internship.

Exceptions to above:

- With approval of the GH [Program-Certificate](#) director, international students may be able to conduct the internship in a resource-limited or underserved setting in the U.S.
- Reduction of the duration of the internship abroad to less than 4 weeks will be considered only in exceptional cases and will require written approval of the GH [Program-Certificate](#) director.

Funding for travel and living expenses will be responsibility of the student, but the GH [Program Certificate](#) Director and associate faculty will assist in pursuing travel funds from available sources, such as fellowships, travel awards and financial aid towards study or practice abroad.