GLOBAL HEALTH

The Department of Global Health offers diverse programs of study that prepare students to make a difference in the health of people around the world. With 3 fields of study, a joint degree program with Environmental and Occupational Health, several joint degree programs with other Schools at GW, and over 20 international practicum opportunities, our students have limitless opportunities to examine global health concepts and conduct interdisciplinary research. From our home base in Washington, D.C., you will gain the skills and experience necessary to take on today’s most pressing global health challenges.

GRADUATE

Master's programs
• Master of Public Health in the field of global environmental health (http://bulletin.gwu.edu/public-health/global-health/mph-global-environmental-health)
• Master of Public Health in the field of global health communication (http://bulletin.gwu.edu/public-health/global-health/mph-global-health-communication)
• Master of Public Health in the field of global health epidemiology (http://bulletin.gwu.edu/public-health/global-health/mph-global-health-epidemiology)
• Master of Public Health in the field of global health program design, monitoring, and evaluation (http://bulletin.gwu.edu/public-health/global-health/mph-global-health-design-monitoring-evaluation)
• Master of Public Health in the field of global health policy (http://bulletin.gwu.edu/public-health/global-health/mph-global-health-policy)

Doctoral program
• Doctor of Public Health in the field of global health (http://bulletin.gwu.edu/public-health/global-health/drph)

FACULTY

Professors M.C. Ellsberg, J.M. Sherry, L. Simonsen (Research), J.M. Tielsch (Chair), R.J. Waldman

Associate Professors J.F. Sandberg, P. Vigilance

Assistant Professors S. Baird, U. Colon-Ramos, C. Garza (Visiting), T. Gurman, C. Huang, S. Mookherji, K. Ndiaye, A. Roess, E. Uretsky

Adjunct Instructors K. Gamble-Payne, E.A. Migliaccio

COURSES

Explanation of Course Numbers
• Courses in the 1000s are primarily introductory undergraduate courses
• Those in the 2000-4000s are upper-division undergraduate courses that can also be taken for graduate credit with permission and additional work
• Those in the 6000s and 8000s are for master’s, doctoral, and professional-level students
• The 6000s are open to advanced undergraduate students with approval of the instructor and the dean or advising office

PUBH 2115. Health, Human Rights, and Displaced Persons. 3 Credits.
Concepts of health as a human right, ethics, and the participation of the international community in moving toward health for all. Civil and international conflict in the generation of displaced populations.

PUBH 2116. Global Delivery of Health Systems. 3 Credits.
Introduction to health systems and the basic concepts of health systems administration and financing and health care reform with examples from advanced, middle income, and poor countries.

PUBH 3133. Global Health & Development. 3 Credits.
Basic concepts of development theory, international health policy, demographic trends, and health promotion; how the relationships between socioeconomic development and global health can be observed, measured, and used for the management of health programs.

PUBH 6400. Global Health Frameworks. 3 Credits.
Provides a foundation of the various frameworks and techniques used to study global health. The frameworks examined will include epidemiology, anthropology, economics, human rights, and ethics among others. The perspectives studied will provide an introduction and understanding of how global health issues are framed, structured and presented.

PUBH 6401. Comp Regional Determinants. 2 Credits.
Examines the set of social, cultural and economic issues most central to shaping health in each of the world’s main regions. Overseas Learning Collaboration program in Bangladesh. Prerequisite: PubH 6400. Fee varies by year.

PUBH 6402. Washington Seminar. 2 Credits.
This seminar course will provide an overview of global health policy and practice institutional resources in Washington DC. Students gain an understanding of how global health issues are framed, presented and biased in a multi-institutional setting. This is a collaborative learning exercise where simple web based tools will be used to develop a virtual classroom of the current global health policy and practice dialogue among Washington DC based governmental, multilateral, NGO, private sector and policy institutes.
PUBH 6403. Scientific Basis GH Intervntn. 2 Credits.
Introduces the scientific basis of global health interventions and how they address proximal and underlying determinants of health. Successful students will obtain a strong technical grounding in the determinants, biology and pathogenesis of specific diseases, for which affordable tools for prevention, control, and case management exist and are in use in public health practice.

PUBH 6410. Global Health Study Design. 2 Credits.
A foundation in the tools necessary for planning and designing research related to identifying and solving problems in global health: choosing an appropriate research topic and research question, understanding the relationships between hypotheses and study objectives, conducting a literature review, choosing a research design to achieve the project purpose, writing a research proposal including planning for the challenges of global health research, and achieving productive dissemination of findings.

PUBH 6411. Global Health Qualitative Research Methods. 2 Credits.
An introduction to qualitative data collection and analysis in global health settings. Methodologies include survey design, interviews, focus groups, and participant observation. Archival research and clinical trial research are also addressed. The set of methods most commonly used to collect qualitative data in global health settings. Students are enabled to prepare interview guides, conduct in-depth interviews, and analyze and document the results from a qualitative field project. Prerequisites: PUBH 6002 and PUBH 6410.

PUBH 6412. Global Health Quantitative Research Methods. 2 Credits.
Continuation of the series of global health methods courses. Examination of the fundamental concepts of empirical analysis and qualitative analysis, including open and axial coding, the basis of “grounded theory,” and regression analysis. Prerequisites: PUBH 6002 and PUBH 6410.

PUBH 6430. Theories for Global Health Communication Interventions. 2 Credits.
Use of communication theory and methods in health promotion. Integration of multidisciplinary approaches to public health communication. Prerequisite: PUBH 6007, PUBH 6400.

PUBH 6431. Global Health Communication Strategies and Skills. 3 Credits.
Students conduct qualitative research to evaluate health communication programs, assess readability level and suitability of written health education materials, conduct content analyses, and review/critique current health communication literature. Prerequisites: PUBH 6430-Theories and Applications in Global Health Promotion (unless waived by professor) PUBH 6007- Social and Behavioral Approaches to Public Health.

PUBH 6435. Global Health Program Development and Implementation. 2 Credits.
Basic concepts and principles of program development and implementation including data collection methods, decision making, and problem-solving techniques. Application of program development techniques to specific interventions. Prerequisites: PUBH 6400.

PUBH 6436. Global Health Program Mgmt. 2 Credits.
Management concepts and techniques related to the implementation of health and development programs and projects. Theories of management: planning, monitoring, and budgeting; the role of the manager; management of human and other resources, communication and leadership; motivation, quality control, teamwork, organizational culture and ethics. Prerequisite: PubH 6400, and if DME concentration PubH 6435.

PUBH 6437. Case Study Methods for Global Health Evaluation. 2 Credits.
The specifics of case study research and evaluation methods and application of these methods to the evaluation of global health interventions and programs. The particular challenges of case study design, data collection, and data analysis, with critical assessment of the quality of case studies used in global health evaluations. Appropriate designs and methods for case study evaluation to maximize generalizability and produce findings that engage policymakers and donors. Refinement of skills in analyzing quantitative and qualitative data from a program evaluation perspective, and development of skills in interpreting, disseminating, and using the results from program evaluations. Prerequisites: PubH 6411, PubH 6412, PubH 6501.

PUBH 6440. GH Econ & Finance. 2 Credits.
Fundamentals of macro- and microeconomics and financial analysis in international health including degree of centralization, public-private sector roles, and roles of international donor agencies. Prerequisite: PubH 6400.

PUBH 6441. Intnat’l Health Organizations. 2 Credits.
Provides an in-depth study of the historical development, structure and function of the institutions and initiatives constituting the international health system. Prerequisite: PubH 6400.

PUBH 6442. Comparative Global Health Systems. 2 Credits.
Examine national health systems, how they differ, and how they are performing. Health systems analyzed through four different lenses: health care organizations, health workforce development, health care financing, and health policy development. Compare health systems and health reforms in seven regions of the world and how health system performance might be improved. Course fee may apply. Prerequisite: PUBH 6400.
PUBH 6443. Global Health Agreements and Conventions. 2 Credits.
Explores the impact of regulations, trade and human rights on health by examining the relevant international declarations, agreements and conventions. This course will examine a variety of topics including the impact of international trade agreements on health, the International Health Regulations and other regulations affecting global health, and the relationship between health and human rights. Prerequisite: PUBH 6400.

PUBH 6480. Public Health in Complex Emergencies. 2 Credits.
Analyze security institutions, vulnerable groups, humanitarian operations and natural disasters and global security, the impact of global health threats such as HIV/AIDS, SARS, avian flu, tuberculosis and malaria on security institutions, vulnerable populations, civil/military cooperation, and humanitarian operations. Also explore the potential value of various institutions in mitigating global health threats and responding to humanitarian emergencies. Examine a range of scientific, policy, and program interventions designed to address these issues. Prerequisite: PUBH 6400.

PUBH 6481. Global Mental Health. 2 Credits.
Focus on global mental health knowledge and public health policy implementation skills regarding the integration of mental health, public health, and primary care in diverse health systems and challenging cultural contexts. Prerequisite: PubH 6400.

PUBH 6482. Int’l Food and Nutrition. 2 Credits.
Examines the major food and nutrition problems internationally, and the policies and programs aimed at addressing food insecurity, under- and over- nutrition, and micronutrient deficiencies. Through a combination of lectures (some delivered by invited experts), discussion sessions, seminal literature, and policy/program critique, the course strives to provide the background knowledge, state of the art strategies, and analytical tools necessary for future work in international nutrition. Prerequisite: PubH 6400.

PUBH 6484. Prev&Cont of VectorBorne Dis.. 2 Credits.
Vector borne diseases involve a vector (carrier) that transmits a pathogen to a human host. This course introduces students to insects and other vectors that are responsible for transmission of diseases such as West Nile Virus, malaria, dengue fever, and elephantiasis. Students will learn how to recognize various disease vectors, how they transmit diseases, the diseases transmitted and methods for effective management and control.

PUBH 6485. Prev&Cont of Water&Sanit. Dis.. 1 Credit.
This course will focus on problems associated with providing adequate water and sanitation in developing countries and diseases like schistosomiasis, cholera, dysentery & typhoid. Innovative tools and solutions for improving water supply and sanitation in developing countries will also be discussed.

PUBH 6499. Topics in Global Health. 1-3 Credits.
Reviews current directions of global health advocacy in donor and implementing countries and challenges participants to create effective advocacy strategies for the future. Students will learn about state-of-the-art advocacy tactics including policy analysis, agenda setting, public mobilization/direct action, grassroots and grasstops tactics, advocacy partnerships, media and communications, celebrity activism, and advocacy impact planning. Students will complete a group paper that will impart them with the skills and experience necessary to incorporate advocacy and activism into their professional public health practice. Prerequisite: PubH 6400. Spring. In-depth examination of a particular facet of global health. Topics and prerequisites vary.