



UCSF GLOBAL HEALTH SCIENCES

Improving health and eliminating disease on a global scale. . .

Training the first generation of global health scientists and clinicians. . .

Reducing global health disparities of gender, poverty, ethnicity, and nationality. . .

Partnering globally to build capacity in health, science, and technology. . .

These are truly ambitious undertakings, but UCSF's Global Health Sciences is up to the challenge.

Please join us in our effort to advance health worldwide. Together, we can make a difference—not by offering temporary fixes, but by providing the training, tools, and knowledge necessary for lasting solutions to the world's health problems.



Based on the core principles of equity, respect, and excellence, GHS seeks to eliminate major health disparities and improve the health of the most vulnerable populations around the world.

BACKGROUND

Critical global health issues affect us all—the world’s poorest populations, our partners abroad, our nation, and our local community. The complexity of these issues has grown as a consequence of globalization, migration, and technological development.

Meaningful change requires new collaborative and interdisciplinary responses that address deficiencies in health infrastructure, research, and workforce worldwide. From the persistent challenges of infectious diseases and the global health consequences of natural disasters to the emerging threats of non-communicable diseases, UCSF’s Global Health Sciences (GHS) is poised to contribute to these responses.

UCSF’s great strengths in research, education, and patient care provide the academic resources needed to build a robust program in global health. GHS was established by Chancellor J. Michael Bishop in 2003 to provide a formal structure through which to support the growing commitment of faculty, students, and staff to global health work. GHS’ mission is to **eliminate major health disparities and improve the health of the most vulnerable populations around the world.**

WHY IS GHS BEST POSITIONED TO MAKE A DIFFERENCE?

GHS harnesses UCSF’s formidable science, education, and healthcare expertise and focuses it on urgent issues in global health. The keys to GHS’ success include the following:

- *The Right People.* As accomplished educators, clinicians, and researchers, GHS’ multidisciplinary faculty members—greater than 100 in number—are among the most preeminent scholars in their fields. They share an intense commitment to improving the human condition, as well as proven track records of developing practical and lasting solutions to the varied problems they study. GHS offers these professionals an avenue for employing their skills to the benefit of populations worldwide, in close collaboration with one another and with partnering organizations at the local level.

GHS coordinates academic resources at UCSF and draws upon those found throughout the UC system, including basic sciences, economics, environmental sciences, engineering, veterinary medicine, public health, and health policy.

- *The Right Approach.* GHS does not apply a cookie-cutter approach to the world’s health problems. We work closely with our partners on the ground to develop location-specific, culturally sensitive models that can be implemented successfully. Implicit in our framework is a continuous process of monitoring and evaluation to ensure the

sustainability of the resources and programs that we help our partners to develop.

PROGRAMS

GHS programs fall within three strategic imperatives: *capacity building, education and training, and research*. A brief summary of these imperatives, as well as their corresponding programs, is presented below. For additional information about any of these programs, please contact GHS.



GHS' STRATEGIC IMPERATIVES

- Capacity Building
- Education and Training
- Research

Capacity Building—Partnering with institutions in developing countries to help them build their scientific/health workforce and institutional capacity in a manner that minimizes brain drain and promotes sustainability.

- **Medical Education/MUCHS**—GHS works in close collaboration with Tanzania's Muhimbili University College of Health Sciences (MUCHS) to develop a model for health sciences training in developing countries.
- **Surgical Workforce Training Program**—A model program is being developed in partnership with the World Bank and World Health Organization to provide training in surgically under-resourced nations.
- **Micro-clinics**—A network of community-based chronic disease management and self-care supported by multidisciplinary student teams in the West Bank, India, and elsewhere.
- **Research Administration and Management Training**—GHS is working to develop a critically-needed program to build capacity in administration and management of externally funded projects in developing countries.
- **Faculty Scholars**—GHS is coordinating the interests of more than 400 faculty members from UCSF's School of Medicine to strengthen international partnerships through which much of our training and research activities will be implemented.

Education and Training—Promoting excellence in teaching in global health and partnering with other UC campuses and international institutions to develop unique training programs in global health.

- **MS/PhD Program in Global Health Sciences**—UCSF is developing a unique training program that will bridge the gap between Public Health and Medicine. A multidisciplinary curriculum

The health status of the world's population affects us all.

The emergence, re-emergence, and jet-speed spread of dreaded epidemics such as SARS and avian influenza underline the fact that diseases have no respect for national boundaries.



will utilize UCSF's and UCB's expertise to prepare health sciences graduates for leadership in the expanding global health sciences field.

- **Areas of Concentration in Global Health**—A rigorous course of study for UCSF medical, nursing, pharmacy, and basic science students who are interested in global health careers. These programs provide in-depth experiences and training in research and global health practice.
- **Global Health Clinical Scholars**—A unique program offering formal training for health sciences postgraduate scholars and medical residents from multiple disciplines to incorporate global health interests into their clinical and research careers.
- **Sandwich Certificate Program for International Scholars**—A one-year academic program that provides graduate students from partner institutions in developing countries advanced training opportunities in clinical epidemiology or basic sciences through coursework and mentored research training.

Research—Promoting excellence in biological, clinical, population, social, and behavioral research at UCSF and partner institutions.

- **Innovation Grants in Global Health**—GHS provides Innovation Grants to stimulate collaborative interdisciplinary global health research that addresses significant knowledge gaps. These awards are used to initiate research that will attract future funding from the National Institutes of Health (NIH) or other sources.

Cross-cutting Initiatives—A number of GHS programs are aligned with multiple strategic imperatives. These include the cross-cutting initiatives described below.

- **The Forum**—This “think tank” project will annually address a single theme compelling in the breadth and significance of the questions it raises. Led by a major international scholar in residence at GHS, formal seminars and informal workshops will stimulate debate. The findings from these activities will be used to synthesize available knowledge, prepare research agendas, and develop advocacy around the chosen theme.
- **GHS Center for Economics and Policy (CEP)**—GHS will conduct economic and policy research, consult with major international organizations on health program design, and advocate for new research funding in global health policy. CEP will address the

economic, social, cultural, and political environments underlying functional or dysfunctional health systems globally.

- **Global Health Diplomacy**—GHS has partnered with the Centers for Disease Control and Prevention and the UC system-wide Institute on Global Conflict and Cooperation to develop a new discipline that joins international relations and health sciences. This effort will culminate with a training activity for health sciences students, government health officials, and diplomats that focuses on the social, cultural, political, and ethical competence they will need for effective health assistance in the global community.
- **Institute for Global Health (IGH)**-- IGH, founded in 1999 by then Dean Haile Debas and initially directed by Professor Sir Richard Feachem, is a major component of Global Health Sciences. Objective multidisciplinary research; developing, implementing and evaluating health policies; and providing high level training to scientists, leaders, and policymakers from countries through the world are all core activities of the institute.



Haile T. Debas, MD

Since its launch, GHS has attracted tremendous interest from students, faculty, and colleagues from around the world. Our programs have grown incrementally and are in different stages of development and deployment. With the completion of a strategic plan to guide the next phase of our work, GHS is now poised to move forward as a leading academic program in global health research, training, and service.

LEADERSHIP

Global Health Sciences is under the direction of Haile T. Debas, MD, and reports directly to Chancellor J. Michael Bishop, underscoring the importance of GHS to UCSF and its commitment to global health.

Dr. Debas is recognized internationally for his contributions to academic medicine and is widely consulted on issues associated with global health. At UCSF, Dr. Debas has held a variety of leadership positions, including Dean (Medicine), Vice Chancellor (Medical Affairs), and Chancellor. A gastrointestinal surgeon by training, Dr. Debas is also the Maurice Galante Distinguished Professor of Surgery and has chaired the UCSF Department of Surgery.

A native of Eritrea, Dr. Debas received his MD from McGill University and completed his surgical training at the University of British Columbia. He currently serves on the United Nations' Commission on HIV/AIDS and Governance in Africa and on the Committee on Science, Engineering, and Public Policy of the National Academy of Sciences. At

In establishing Global Health Sciences, UCSF recognizes the special role of scientists and clinicians in the global community and the unique contribution academic health centers can make to world health.

the request of the Mandela Institute, he is leading the effort to plan an African Institute of Science and Technology in Tanzania.

THE ESSENTIAL ROLE OF PHILANTHROPY

The single greatest need for rapid progress in Global Health Sciences' programs is financial support. The human resources, scientific and medical capacity, and leadership are firmly in place, and the programs have been designed. We now need your support to take our place in the rapidly growing community of global health academic institutions.

Your gift can be structured to provide maximum philanthropic impact and substantial benefits for your financial or estate planning. Donors are encouraged to consider these options:

GHS: Thinking

globally, contributing

locally, collaborating

internationally

- **Outright Gifts:** You may make a commitment to GHS and immediately fund it with cash, securities, life insurance policies given outright, real estate, or other assets. Gifts of appreciated securities are often particularly advantageous to the donor.
- **Pledges:** You may pledge an amount to GHS and arrange to fulfill it in installments over time.

A member of our staff can meet with you or your financial advisor to structure the most beneficial arrangements for your circumstances.

Thank you for your interest in Global Health Sciences.

For more information, contact:

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