



Key areas: *Tropical Diseases | Vaccines | Technology introduction | Collaborative partnerships*

Global health leader and physician with a life-long commitment to addressing complex public health problems with creative problem solving, innovation, and collaborative partnerships. Led critical development and growth of Neglected Tropical Diseases (NTDs) programs and partnerships at the Bill & Melinda Gates Foundation (B&MGF) and PATH, including the London Declaration and Uniting to Combat NTDs partnership to support the control and elimination of ten neglected diseases reaching over 1 billion people annually. At PATH, supported start-up of Gavi ensuring access to vaccines in the developing world and spearheaded the Japanese encephalitis (JE) project, resulting in vaccine introduction into endemic countries and accomplishing the first Chinese pre-qualified vaccine supported through the UN and Gavi. Advanced the introduction of breakthrough treatment for lymphatic filariasis in five countries within year of initial WHO recommendation. Managed assets and investment portfolio of up to \$450 million. Supported evidence-based responses in natural disaster and conflict settings including health, sanitation, and food security.

Professional Experience

Bridges to Development

(2018 – present)

Founder and Managing Partner, United States

Bridges is a non-profit organization, founded in 2018 and based in Europe and the US. It improves education and health, especially for girls and women, as critical bridges to sustainable development. Bridges guides and facilitates projects and investments in innovative partnerships and technologies supporting education and health in low and middle-income countries.

Bill & Melinda Gates Foundation, Seattle, WA

(2007 – 2018)

Initiative Lead Oncho, LF, GW, and London Declaration, Neglected Tropical Disease Team (2016-2018)

Refined the foundation strategy on the 10 diseases included in the London Declaration on NTDs with attention to 7 diseases (LF, oncho, STH, schisto, VL, HAT, and Guinea worm). Helped establish NTDs as a foundation priority in celebration of the 5th anniversary of the London Declaration and the Uniting to Combat NTD partnership.

Initiative Lead PC NTDs, GW and London Declaration, Neglected Infectious Diseases Team (2012 to 2016)

Responsible for coordinating all London Declaration partner activities and for ensuring B&MFG met commitments and advanced the new initiative across diverse partners. Created a supportive and collaborative approach to operational research and modeling by establishing the Coalition for Operational Research on NTDs (COR-NTD) for investing in research to address key operational and program barriers. This successful mechanism has since been adopted by USAID and DFID.

Senior Program Officer, Neglected and Other Infectious Diseases (2009 to Jan 2012)

Founding member of new team defining a strategy and approach to diverse set of pathogens including NTDs, dengue, HPV, and maternal immunization. Wrote the London Declaration on NTDs, leveraging financial and drug donations focused on supporting countries to achieve the WHO NTD roadmap goals. Successfully secured commitments from 9 pharma companies, and \$845 million in funding.

Senior Technical Officer, Epidemiology and Surveillance, Infectious Diseases (2007- 2009)

Joined the Foundation to help define the strategy at a time of growth with the new investment from Warren Buffet. Worked across the team and led work on neglected diseases for cross Foundation initiatives from the ID team (such as newly forming Delivery team), representing efforts in malaria, enteric diseases, pneumonia, and "other" infectious diseases.

Program for Appropriate Technology in Health (PATH), Seattle, WA (2000 – 2007) **Scientific Director, Immunization Solutions (IMM) (2006 – 2007)**

Provided scientific oversight to portfolio of projects and oversaw the scientific and technical rigor in the design and implementation of projects with regards to new vaccines and introduction. Engaged in the design, monitoring and evaluation of clinical research and clinical trials, developed staff capacity, and represented IMM to donors, government agencies, and others on scientific and technical matters. Designated manager of high profile or especially complex projects.

Director, Japanese encephalitis (JE) Project (2003 to 2007)

Directed multinational team responsible for control of clinical JE through vaccination. Managed JE program strategy and design, including hiring of staff; negotiations with industry and public-sector partners; design of JE field activities, such as model programs, vaccine trials, disease-burden studies, field-program monitoring and evaluation; design of field-trial protocols and analysis of epidemiological studies. Represented the project and coordinated across partners, ministries of health, nongovernmental organizations, and universities.

Interim Director, Rotavirus Vaccine Project (2003)

Primary author of the awarded grant and responsible for initial workplan, team staffing, and management of partner relationships including the WHO, CDC, and industry. Coordinated rotavirus partners for field trials in the developing world, surveillance networks and collaboration with vaccine manufacturers.

Program Officer (2000 to 2003)

Program Officer for Japanese encephalitis, human papilloma virus, rotavirus, and yellow fever. Managed specific field projects in support of Global Alliance for Vaccines and Immunization (GAVI). Evaluated funded activities by collaborating partners and conducted site visits. Reviewed annual work plans and progress reports. Coordinated activities across partners, ministries of health, nongovernmental organizations, and universities. Provided technical evaluations.

United States Public Health Service Commissioned Corps (1998 – 2000)

Epidemic Intelligence Officer, Lieutenant Commander. Delivered technical assistance and support in post natural disaster settings evaluating health systems needs with a cross sector approach, including water and sanitation and food security. Established surveillance and evaluation systems to allow successful transition from emergency response to development aid.

Tallahassee Memorial Regional Medical Center, Tallahassee, Florida (1995 – 1998)

Family Practice Resident. Patient care in obstetrics, gynecology, medicine, pediatrics, community medicine, radiology, ophthalmology, surgery, orthopedics, and intensive care unit patient management. Helped establish an international health track in El Salvador, Dominican Republic, and Columbia.

International Rescue Committee, Kibumba Camp Goma, Zaire 1994

Medical Director. Provided emergency care via establishment of an outreach team for the first response to the humanitarian crisis within the camp of more than 200,000 refugees. Provided care daily to over 100 patients a day during a Cholera and Shigella outbreak. Assessed needs of the camp and ways to meet these. Collected data for UNHCR and CDC to help direct the response.

Karawa Hospital, Karawa, Democratic Republic of Congo 1994

Physician. Provided care in pediatrics, surgery, nutrition, tropical medicine, obstetrics, and community medicine.

Education

D.T.M.H., Gorgas Memorial Insitute, Cayatano Heredia, Lima, Peru, 1996

M.D., University of South Florida, College of Medicine, Tampa, Florida, 1994

B.A., Biology, University of South Florida, Tampa, Florida, 1990