



TOWARD COMPETENCY-BASED BEST PRACTICES FOR GLOBAL HEALTH IN DENTAL EDUCATION: A “GLOBAL HEALTH STARTER KIT”

Authors



Irene Adyatmaka, DDS, PhD



Dr. Irene Adyatmaka, born in Papua, finished her dentistry in 1995. She joined the school oral health services of a private foundation, managing more than 10.000 students from 1996 - 2011. She was appointed as a single operator of ART approach by Ministry of Health R&D from 1996-1999. She had done more than 2,000 restorations using Atraumatic Restorative Treatment during the time. She also worked together with Prof. Douglas Bratthall from WHO, and translated the Cariogram Indonesian version. Her research on Carisolv with Mediteam Sweden has been also undertaken during that time. She took a compulsory field work as a dentist in 2002-2005 in health centre, and chose to work as school oral health personnel managing 22 government schools in the area. Her interest in dental public health made her took a PhD in 2006. Finished in 22 months and 2 days with cum laude, made her the best student and also quickest PhD student and put into Indonesian world record. Now she was appointed as senior researcher at Center for Health Administration and Policy Studies, Faculty of Public Health, Universitas Indonesia. Together with Ministry of Education Republic of Indonesia and Faculty of Public Health UI, she developed her dissertation into school oral health innovative program as a breakthrough of the conventional program. In 2011, the program was accepted as National policy by Ministry of Health. Her passion of teaching and learning also facilitated by her latest position as research methodology lecturer at Universitas Indonesia and Country Manager GC Indonesia. In 2017, together with Dr. Bruce Donoff, Dean of Harvard school of Dental Medicine, she wrapped all the activities and published it into a book called Dental Immunization.

Christy Colburn, MA



Christy Colburn is Associate Director of Harvard University's Global Health & Health Policy (GHHP) Undergraduate Program. In this role she manages administrative and academic operations, provides academic and career advising, and designs programming for students. She also directs the intellectual, administrative, and financial management of the Harvard Global Health Institute (HGHI) Undergraduate Experiential Learning Programs—including internships and faculty-mentored research projects in the US and abroad, grants for independent research and international travel related to global health, and pre-departure and post-experience workshops on campus. Christy holds a master's degree in Intercultural Relations, and has 15 years of university administration and advising experience with both undergraduate and graduate students at Harvard and the Massachusetts Institute of Technology. Her prior work in global health includes positions at the FXB Center for Health and Human Rights, the World Health Organization and UNAIDS in Geneva, and the international development arm of World Learning in Washington, DC. Christy is also a performing artist who currently sings with a world music group in the Boston area.

Jessica Evert, MD



Dr. Jessica Evert straddles international education and the medical profession. She served as CFHI Medical Director from 2008 to 2013 when she was appointed to the Executive Director role. Dr. Evert is Faculty in the Department of Family and Community Medicine at the University of California, San Francisco, where she instructs in Global Health and community-based underserved care and helped develop, as well as completed, the Global Health Clinical Scholars residency track. Dr. Evert is a graduate of the Ohio State University College of Medicine and is a longtime advocate for health-related international education quality and ethical standards. She is author and editor of multiple chapters, articles and books in global health with a focus on education, ethics, and asset-based engagement, including the seminal texts: 1) [Developing Global Health Programming: A Guidebook for Medical and Professional Schools, 2nd Ed](#) 2) [Global Health Training in Graduate Medical Education, 2nd Ed](#) and 3) [Reflection in Global Health: An Anthology](#). She helped develop the Forum on Education Abroad's Standards for Health-Related Undergraduate Programs. Dr. Evert is a recipient of Global Health Education Consortium's prestigious Christopher Krogh Award for her dedication to underserved populations at home and abroad. Dr. Evert's research and advocacy areas of focus are the ethics of global educational engagement, competency-based international education, health disparities, asset-based programmatic and reflection.

Carlos Faerron, MD, MSc



Dr. Faerron is the Academic Director for the Organization for Tropical Studies. He began his career as a primary care doctor in a rural area of Costa Rica where he worked closely with migrant and indigenous populations. He co-founded the InterAmerican Center for Global Health (CISG). CISG is the first global health hub in Central America and seeks to redefine the meaning of leadership and global health through innovative educational approaches. Dr. Faerron's work follows a health equity and human rights framework as a guiding principle and firmly believes in progress in health through community empowerment, research and education. Dr. Faerron's areas of research include adolescent pregnancy, gender, intercultural approaches to care, and migration and health. He also has developed and taught courses in the fields of Planetary Health, Global Health, Tropical Diseases, Interculturality, Human Rights, Oral Health, Primary Care, Health Systems among others, for CISG, for the Organization for Tropical Studies and for Harvard University, NYU, University of Southern California and EARTH University. He obtained his medical degree at the University of Costa Rica, and his MSc. in International Health at Queen Mary University in Edinburgh and Vrije Universiteit in Amsterdam. Additional studies include Social Justice at the International Institute for Health and Development in Scotland, and Social Innovation for Health from INCAE Business School. Dr. Faerron is a Fellow of the Central American Healthcare Initiative and adjunct faculty at the Department of Oral Health Policy and Epidemiology at Harvard University.

Jennifer Kasper, MD, MPH



Dr. Kasper is an Associate Pediatrician at MassGeneral Hospital *for* Children (MGHfC), Assistant Professor of Pediatrics and Global Health&Social Medicine at Harvard Medical School, Chair of the HMS Scholars in Medicine Faculty Advisory Committee on Global Health, primary care pediatrician serving low-income Latino children at MGH Chelsea HealthCare Center, and President's Council of Doctors for Global Health. She received a combined BA/M.D. with honors from Boston University/Boston University School of Medicine and an M.P.H. from Boston University School of Public Health. She practices, "liberation medicine, the conscious and conscientious use of health to promote human dignity and social justice." Her global health expertise and publications include health service delivery; rural community development; complex humanitarian emergencies; field-based operations research; health system strengthening; capacity building; global health and global health ethics. She is a co-editor of the MGHfC Handbook of Pediatric Global Health. She directs and teaches courses on social medicine, community engagement, and global health professionalism. She was the recipient of the HMS/HSDM Deans' Community Service Lifetime Achievement Award for her work with Doctors for Global Health; a nominee for the HMS Donald O'Hara Faculty Prize for Excellence in Teaching; and a recipient of the Scholars in Medicine Excellence in Student Mentoring Award. "Go with the people. Live with them. Learn from them. Love them. Start with what they know. Build with what they have. But of the best leaders, when the job is done, the task accomplished, the people will all say, we have done this ourselves." (Lao Tse, 700BC)

Judith Lasker, PhD



Dr. Judith N. Lasker is the author of *Hoping to Help; The Promises and Pitfalls of Global Health Volunteering* (Cornell U. Press, 2016), which examines the impact on host communities and on volunteers of short-term international service programs in health. Her book and several related journal articles draw upon surveys and interviews with sending organizations and hosting staff to identify the benefits and problems with such programs and to recommend ways in which such volunteer trips can be more valuable for all involved. She has spoken about her research to audiences around the U.S. and in several other countries. Dr. Lasker is Professor Emerita of Sociology and Health Medicine and Society, Lehigh University, Bethlehem, PA, USA. She earned her B.A. at Brandeis and her MA and Ph.D. at Harvard. Judith's major areas of interest are in the field of medical sociology, with particular emphasis on women's health issues and international health. She is co-author with Susan Borg of *When Pregnancy Fails; Families Coping with Miscarriage, Ectopic Pregnancy, Stillbirth, and Infant Death* and *In Search of Parenthood; Coping with Infertility and High-Tech Conception*, and with Ed Collom and Corinne Kyriacou of *Equal Time, Equal Value; Community Currencies and Time Banking in the U.S.* She has also published research on social dimensions of autoimmune liver disease and heart disease. In 2014, Judith was awarded the Centennial Medal by the Graduate School of Arts and Sciences at Harvard for "contributions to society as they have emerged from one's graduate education at Harvard."

John McDonough, DrPH, MPA



John E. McDonough, DrPH, MPA is Professor of Public Health Practice in the Department of Health Policy & Management at the Harvard T.H. Chan School of Public Health and Director of the [Center for Executive and Continuing Professional Education](#). In 2010, he was the Joan H. Tisch Distinguished Fellow in Public Health at Hunter College in New York City. Between 2008 and 2010, he served as a Senior Advisor on National Health Reform to the U.S. Senate Committee on Health, Education, Labor and Pensions where he worked on the development and passage of the Affordable Care Act. Between 2003 and 2008, he served as Executive Director of Health Care for All, Massachusetts' leading consumer health advocacy organization, where he played a key role in passage and implementation of the 2006 Massachusetts health reform law. Between 1998 and 2003, he was an Associate Professor at the Heller School at Brandeis University and a Senior Associate at the Schneider Institute for Health Policy. From 1985 to 1997, he served as a member of the Massachusetts House of Representatives where he co-chaired the Joint Committee on Health Care. His articles have appeared in *Health Affairs*, the *New England Journal of Medicine* and other journals. He has written three books, *Inside National Health Reform*, published in September 2011 by the University of California Press and the Milbank Fund, *Experiencing Politics: A Legislator's Stories of Government and Health Care* by the University of California Press and the Milbank Fund in 2000, and *Interests, Ideas, and Deregulation: The Fate of Hospital Rate Setting* by the University of Michigan Press in 1998. He received a doctorate in public health in 1996 from the School of Public Health at the University of Michigan and a master's in public administration from the John F. Kennedy School of Government at Harvard in 1990.

Gustavo Bermúdez Mora, DDS



Dr. Bermúdez Mora has a degree in Dentistry from the University of Costa Rica where he serves as an adjunct faculty member in the Department of Social Dentistry. He is pursuing his Master in Public Health with emphasis in Health Management at the School of Public Health of the University of Costa Rica. He is an active member of the Oral Health National Plan Commission of the Costa Rican Dental Association. He coordinates the "Oral Health Protection Project for the Vulnerable Indigenous Population of Coto Brus" through the non-profit Hands for Health Association in collaboration with the Costa Rican Dental Association. This work won the 2017 Grant of the Oral Health Foundation of the Pierre Fauchard Academy and the 2019 FDI World Dental Development Fund. In March 2018, he was a collaborating professor in a global health extension course for dental students at the Harvard School of Dental Medicine and the InterAmerican Center for Global Health. Dr Bermúdez's main focus of work include intercultural community approach, oral health promotion, dental attention access and indigenous populations.

Brittany Seymour, DDS, MPH



Dr. Brittany Seymour is an Assistant Professor at Harvard School of Dental Medicine in the Department of Oral Health Policy and Epidemiology and the Office of Global and Community Health. She earned her DDS from the University of Colorado School of Dental Medicine and completed her MPH from Harvard School of Public Health, concentrating in Global Health and Population. Her research focuses on interdisciplinary approaches for global oral health improvement through prevention and policy-oriented education. She has completed Fellowships at the Harvard Global Health Institute and the Harvard Medical School Academy for Medical Education. She was the Principal Investigator for the Rwanda Human Resources for Health oral health planning period and the Vietnam Health Advancement Initiative: Competency-based Dental Education program. She has received additional support from numerous foundations for her work in global health curriculum development and best practices and her materials are being adapted for other dental schools' curricula globally. She is Director of CUGH's Global Oral Health Interest Group and was a contributing author to the FDI World Dental Federation's Oral Health Atlas 2nd Edition. Dr. Seymour has won the Award for Community Dentistry and Dental Public Health and the Herschel St. Horowitz scholarship by the American Association of Public Health Dentistry, an Outstanding Achievement in Teaching Award from HSDM, and an Excellence in Mentorship award from Harvard Medical School. She is a national spokesperson for the American Dental Association and serves on the Board of Directors for the American Association of Public Health Dentistry.

Hugh Silk, MD



Hugh Silk, MD, MPH, FAAFP, is a Professor in the Department of Family Medicine and Community Health at the University of Massachusetts Medical School. He also teaches at the Harvard School of Dental Medicine (HSDM). He is co-author of the award winning national curriculum on oral health for health providers entitled "Smiles for Life" (www.smilesforlifeoralhealth.org). He sits on numerous state and national oral health advocacy committees. He is the recipient of the American Association of Public Health Dentistry's 2016 Public Service Award. When he is not teaching and seeing patients, Hugh is collaborating with HRSA and HSDM to help create the new Center for Integration of Primary Care and Oral Health -CIPCOH.

Lisa Simon, DMD



Lisa Simon is a safety-net dentist and Fellow in Oral Health and Medicine Integration at the Harvard School of Dental Medicine. Since joining the faculty at HSDM in 2015, she has helped develop multiple interprofessional community-based educational experiences uniting dental students, health professions students, and vulnerable populations, including low-income communities, recent immigrants, and people experiencing incarceration. She has also assisted in the creation of health policy, leadership, and reflection curricula for dental students at Harvard. She is an advocate for improved integration of oral health within the healthcare system, and her writing on this topic has been published in the *New England Journal of Medicine*, the *Journal of the American Medical Association*, and the *Journal of the American Dental Association*. In 2020, she will receive her MD from Harvard Medical School and plans to work toward oral health equity as both a dentist and physician.

Karen Sokal-Gutierrez, MD, MPH



Dr. Karen Sokal-Gutierrez is a Clinical Professor at the University of California, Berkeley-UCSF Joint Medical Program and School of Public Health where she teaches medical students, public health graduate students and undergraduate students. She is a physician trained in pediatrics, preventive medicine, and public health, with a focus on maternal-child health, and a Fellow of the American Academy of Pediatrics. She has over 30 years of experience working locally and globally as a physician in community health clinics, public health program administrator, consultant to child care and preschool programs, writer for a parenting website, health care professional educator, researcher, and child health advocate. Over the past 15 years, the focus of her research and advocacy has been early childhood nutrition and oral health in developing countries, including leading research studies in El Salvador, Ecuador, Vietnam, Nepal and India.

Karl Woodmansey, DDS



Dr. Karl Woodmansey is a native of Montana. He received a B.S. degree in biomedical science from Montana State University in 1986, a D.D.S. degree from Baylor College of Dentistry in 1989 and a M.A. in Educational Administration from the University of the Pacific in 2015. Dr. Woodmansey practiced in Bozeman, Montana before entering full-time academia. After four years in the Texas A&M University Baylor College of Dentistry Department of Endodontics, Dr. Woodmansey served as the Endodontic Program Director for St. Louis University from 2015 through 2017. He presently holds the titles of Adjunct Associate Professor at Saint Louis University and Adjunct Clinical Professor at Texas A&M University College of Dentistry. Dr. Woodmansey has served as a member of the U.S. Air Force / Air National Guard Dental Corps since 1998. He is presently assigned to the 126th Aeromedical Group at Scott Air Force Base as a Lieutenant Colonel. Dr. Woodmansey has been an active contributor to the dental profession. He is a “Diplomate” of the American Board of Endodontics and has achieved “Fellowship” in the Academy of General Dentistry, the Academy of Dentistry International, the American College of Dentists, the International College of Dentists and the American College Health Association. Dr. Woodmansey’s research interests are broad, with numerous publications in a wide variety of domains. Most of his research interests explore clinical applications of technology.