Prior to his death in 2018, Frank K. Nyonator, MD, MPH, was a valued colleague and contributor to chapter 10.

**Onaopemipo Abiodun** is a PhD student at the Johns Hopkins Bloomberg School of Public Health, studying international health with a focus on health systems. Previously an analyst with Abt Associates and an intern with Jhpiego, she has several years of experience conducting program evaluations, primary health care systems research, and health financing research for the provision of health services in Nigeria, Côte d'Ivoire, and other low- and middle-income countries.

**Vinya Ariyaratne, MD,** is president of the Sarvodaya Shramadana Movement. Dr. Ariyaratne also serves as the director general of the newly established Sarvodaya Institute of Higher Learning and as a board member of Sarvodaya Development Finance, the economic empowerment arm of the Sarvodaya Movement. He is a past president of the College of Community Physicians of Sri Lanka. Dr. Ariyaratne obtained his MD degree from De La Salle University in the Philippines and his MPH degree from Johns Hopkins University.

**John Koku Awoonor-Williams, MD, MPH, MPP, PhD,** is the director of the Policy, Planning, Monitoring and Evaluation Division of the Ghana Health Service in Accra. He was formerly the Upper East regional director of health services and director of health services in the Nkwanta District of the Volta Region. Dr. Awoonor-Williams was the founding National CHPS coordinator and coprincipal investigator of GEHIP. He is currently the Ghana Health Service coprincipal investigator of CHPS+. Dr. Awoonor-Williams holds an MD degree from Minsk State University, an MPH from Leads University, an MPP from the Ghana Institute of Management and Public Administration, and a PhD in epidemiology from the University of Basel.

**Kedar Prasad Baral, MBBS, MPH,** is a professor at Patan Academy of Health Sciences and the director of the MPH program. He received his MBBS from Tribhuvan University Institute of Medicine, Nepal and his MPH from Royal Tropical Institute, the Netherlands. He started his career in 1979 as a health assistant, then as a primary health care worker, before attending medical school
and completing his MPH. He has worked for Nepal’s national health system and has been involved in policy processes, working with bilateral and multilateral agencies in different capacities. Later, he joined an academic faculty and also served as rector. He is involved in researching major public health issues of national interest, including the search for causes of and possible strategic options to reduce health disparity through the appropriate training of physicians and public health professionals, preparing them to work in rural areas and for disadvantaged populations.

Ayaga A. Bawah, MA, PhD, is a senior lecturer at the Regional Institute for Population Studies at the University of Ghana. As a scientist of the Navrongo Health Research Centre, he led the Navrongo Demographic Surveillance System. Dr. Bawah was a Population Council Bernard Berelson Fellow, an assistant professor of public health at Columbia University, and the senior research scientist at INDEPTH, an international network of demographic surveillance sites. He has an MA and PhD in demography from the University of Pennsylvania, and MA degrees in demography from the University of Ghana. Dr. Bawah was director of research for GEHIP and is coprincipal investigator of CHPS+.

Pedro Más Bermejo is a physician with dual specialties in epidemiology and public health. He is emeritus research scientist at the Tropical Medicine Institute “Pedro Kouri,” emeritus member of the Cuban Academy of Sciences, and full professor of epidemiology and public health at the National School of Public Health in Cuba. He received his PhD from Charles University Prague, Czech Republic, and did postdoc training at the Liverpool School of Tropical Medicine in the United Kingdom. He has published five books and more than seventy papers, primarily dealing with epidemiology and public health. He is an editorial board member of the *Journal of Public Health Policy* and the MED-ICC Review Journal as well as an adjunct professor of the School of Public Health and Tropical Medicine at Tulane University.

Fred N. Binka, MD, MPH, PhD, is a professor at the University of Health and Allied Sciences in Ho, Volta Region, Ghana. He was the founding vice chancellor of the University of Health and Allied Sciences, founding executive director of the INDEPTH Network, and founding director of the Navrongo Health Research Centre in Navrongo, Upper East Region, Ghana. Dr. Binka was the principal investigator of the Navrongo Community Health and Family Planning Project. He has an MD from the University of Ghana, an MPH in epidemiology from Hebrew University in Jerusalem, and a PhD in epidemiology from the University of Basel.

David Bishai, PhD, MPH, MD, is a professor at Johns Hopkins University’s Bloomberg School of Public Health. He received his PhD in health economics.
from the Wharton School of Business at the University of Pennsylvania. He holds an MPH from UCLA and an MD from UC San Diego. He is a fellow of the American Academy of Pediatrics and a fellow of the American College of Physicians. In 2015, he was voted by students to receive the Golden Apple teaching award as well as awards for advising and mentoring. He was elected president of the International Health Economics Association in 2015. He has published more than two hundred peer-reviewed papers and keeps extensive collaborations with coauthors in China, Taiwan, Thailand, Myanmar, India, Bangladesh, Pakistan, Nepal, Sri Lanka, Egypt, Qatar, Lebanon, Iran, Uganda, Botswana, Mozambique, Ethiopia, Brazil, Russia, Mexico, Italy, Switzerland, the United Kingdom, and the United States.

Carolina Cardona is a research assistant at the Bill and Melinda Gates Institute for Population and Reproductive Health at the Johns Hopkins Bloomberg School of Public Health. Her work focuses on the economics of public health, and her main areas of research are economic demography and the economics of fertility and family planning. Prior to joining the Bloomberg School of Public Health, Ms. Cardona worked for the Bolivian Ministry of Planning and Development, conducting research related to maternal and child health. She holds a master’s of health science in health economics with a focus on international health and is completing a PhD in health economics in the Department of Population, Family and Reproductive Health at the Johns Hopkins Bloomberg School of Public Health.

Dennis Carlson is a medical doctor who also studied behavioral sciences at Berkeley and was a fellow in the History of Medicine department at Johns Hopkins University. He was the dean of the Public Health College in Gondar, Ethiopia, from 1963 to 1967. In 1986, he became the director of the Save the Children Federation, assisting in famine relief and redevelopment of the primary health care program in Yifatena Timuga Awraja. Concurrently, from 1989 to 1994, he also held a faculty position in the Faculty of Medicine at Addis Ababa University. Since then, he has been a senior advisor and consultant to many projects and programs in Ethiopia, including those on public health training; perinatal, infant, and maternal health; and household nutrition.

Chala Tesfaye Chekagn is currently working at the Ministry of Health as senior health system strengthening advisor. Prior to his current position, he worked as a senior public health advisor of the Strengthening Ethiopia’s Urban Health Program at John Snow, Inc. He has also served as assistant director of the Health Extension Program and primary health care at the Ministry of Health. He has extensive experience working in several health programs at different levels, ranging from program officer to team leader over the past nine years. He is a public health specialist by educational background.
Hoang Khanh Chi, BA, MPH, PhD, has been working as a lecturer and researcher in the Department of Health Policy and Integration at Hanoi University of Public Health in Vietnam since 2003. She holds an MPH from Mahidol University and a DrPH from the University of Queensland, as well as an undergraduate law degree from Phuong Dong University. Her great passion is sharing knowledge and skills with people who are going to serve the community and work in health policy and systems. She has been teaching in the area of health policy, health policy communication, and global health.

Svea Closser is an associate professor at Johns Hopkins University’s Bloomberg School of Public Health. Her research focuses on the interaction between global health policy and local health systems. In her current project, funded by the Fulbright/Nehru Program, she is studying the work experiences and social relations of female community health workers in India. She is the author of Chasing Polio in Pakistan and has published many research articles. She is also coeditor of the textbooks Understanding and Applying Medical Anthropology and Foundations of Global Health.

Luc Barrière Constantin is one of the cofounders of the Constellation, as well as a member of the board, and was recently nominated as a voting member of the organization. Constantin’s current main focus is the development of partnerships, projects, and programs for the dissemination of the SALT/CLCP approach; research and development of the approach; and training of new facilitators and coaches. Constantin is a medical doctor by training and holds an MPH in epidemiology and international public health from the Johns Hopkins Bloomberg School of Public Health. After a few years of working in private practice and with MSF France in the field, he spent most of his career with UNICEF and UNAIDS, where he had the opportunity to share and strengthen his experience in many African countries and in various situations. Before retirement, he was posted as senior planning and operation advisor at the UNAIDS headquarters in Geneva, Switzerland.

Zufan Abera Damtew is a senior policy and health systems strengthening advisor at EngenderHealth in Ethiopia. She has also worked at different levels and in various positions in the health care system of Ethiopia for more than twenty years. She has served as deputy director general for the Armauer Hansen Research Institute and as director of the Health Extension and Primary Health Service directorate at the Ministry of Health of the Federal Democratic Republic of Ethiopia. The Health Extension Program is a community-based health service that is designed to expand health service delivery to all portions of the community and to improve the health status of Ethiopians. Prior to joining the Federal Ministry of Health, she worked at the health bureau of the Amhara Region in a similar program. She has also served as a health service provider, trainer, and
mentor for young health professionals and health managers. She has a BSc in nursing and an MPH. She holds a PhD from the University of Oslo. Dr. Damtew has published more than fifteen papers in different international and national journals, with her research focusing mainly on community health or the Health Extension Program of Ethiopia.

Marlou de Rouw is a cofounder of Constellation for AIDS Competence. Since 2007, she has been the manager of the Constellation Global Support Team, in charge of the daily business of the organization. As a member of the Constellation’s coaching teams, she has facilitated group processes related to issues such as aging with dignity, cohousing, family life, and strength-based integration of refugees. Prior to the Constellation, she worked as a journalist at various newspapers in the Netherlands and on the Local Response Team of UNAIDS. De Rouw holds a bachelor’s degree in journalism from Hogeschool voor de Journalistiek in Tilburg, Netherlands, and a master’s degree in cultural anthropology (with a specialty in intercultural communication) from Universiteit Utrecht.

Nadia Diamond-Smith is an assistant professor in the Department of Epidemiology and Biostatistics and the Institute for Global Health Sciences at the University of California–San Francisco. She works primarily on issues related to women’s status and empowerment as well as maternal and child health outcomes in South Asia. This includes research on newly married women and access to nutrition in Nepal, the quality of family planning and abortion services in India, and the evaluation of several interventions, including with community health workers, in India. She uses mixed methods approaches, based in a demographic perspective, and the level of focus of her work is mostly at the household level. Diamond-Smith received her PhD in the Population, Family and Reproductive Health Department at the Johns Hopkins Bloomberg School of Public Health and her master’s degree from the London School of Hygiene and Tropical Medicine.

Philip Forth is currently the chair of the board of the Constellation for AIDS Competence, a nonprofit organization based in Belgium. The Constellation was formed in 2005 to respond to the AIDS pandemic. Since its founding, the Constellation has facilitated local responses in more than fifty countries, through more than one hundred partnerships with governments as well as national and international organizations. During the life of the Constellation, Dr. Forth’s work has concentrated on the development and application of the Community Life Competence Process, a methodology that allows communities to take ownership of a wide variety of challenges that are frequently health related. In addition, Dr. Forth has more than thirty years of experience in the development and application of knowledge management approaches in a wide
variety of sectors around the world. Dr. Forth holds a BA in physics from Oxford University and a PhD in geophysics from the Durham University.

Mignote Solomon Haile is a public health professional with a background in research and evaluation and health systems strengthening. She currently works at Abt Associates, a global research firm focusing on qualitative research methods, health finance, and program implementation, with the goal of promoting the use of evidence-based programming to improve access to quality health services at an affordable cost. Haile holds a bachelor's degree in biology from Mount Holyoke College and a MSc in public health from Johns Hopkins University.

Nguyen Thanh Huong is an associate professor at Hanoi School of Public Health and has nearly thirty years of experience in teaching, researching, and providing consultancy in the public health field. She is vice rector of the Hanoi University of Public Health. Huong has been coordinating and involved in a number of research projects at the Hanoi University of Public Health as well as in collaboration with other partners, particularly focusing on the areas of health policy and systems and health promotion interventions. She has also served as a national consultant for a number of international agencies, such as UNFPA, UNICEF, WHO, ADB, USAID, GIZ, and various INGOs, as well as for the Ministry of Health in Vietnam.

Taufique Joarder holds a DrPH from the Department of International Health at the Johns Hopkins Bloomberg School of Public Health, where he is currently serving as an associate faculty member. He is the research director of USAID’s Multisectoral Nutritional Programming through Implementation Science Activity at FHI 360’s Bangladesh Office. His areas of interest and expertise include health policy and systems, human resources for health, medical anthropology, mixed methods research, implementation science, and psychometrics.

Alice Kuan is an undergraduate at Johns Hopkins University pursuing degrees in public health and economics. She has gained experience through the Bloomberg American Health Initiative in community organizing around local health solutions, explored the global health landscape with the nonprofit PATH, and has collaborated internationally on various projects related to the global campaign for the fortieth anniversary of the Alma-Ata Declaration. Invested in learning about the dynamic relationship between health and economics, Kuan aspires to help countries deliver solutions more efficiently and build stronger bridges between governments and communities.

Seblewengel Lemma is a research fellow in health management information systems at the London School of Hygiene and Tropical Medicine based at the Ethiopian Public Health Institute. She has worked for more than ten years in Ethiopian
health systems in different capacities. Much of her career was as a teacher and researcher at the Addis Continental Institute of Public Health, a research and training institute where she ascended to the position of assistant professor. She worked as a research officer for the International Institute for Primary Health Care for a little more than a year before assuming her current position at the London School of Hygiene and Tropical Medicine. Right after receiving her bachelor’s degree in public health, she worked as a health service provider and manager at the primary health care level in Ethiopia. She received her MPH in epidemiology from Addis Ababa University’s School of Public Health and holds a PhD in public health from the University of Gondar. She has published more than twenty scientific papers in international peer-reviewed journals.

Sasmira Matta graduated from Johns Hopkins University with degrees in applied mathematics and statistics, and public health. She worked as an intern and a consultant for UNICEF during her undergraduate career. At Johns Hopkins, she developed simulations for the Teaching Vaccine Economics Everywhere curriculum and analyzed performance, monitoring, and accountability datasets to assess the impact of the quality of family planning services on modern contraception prevalence in sub-Saharan Africa. She will complete her MHS degree in health economics at the Bloomberg School of Public Health in 2019 and plans to conduct more research on domestic and international health systems.

Ahmed Moen is an associate professor in the Health Sciences department at Howard University. He holds a master’s in health administration from the University of Michigan and MPH and DrPH degrees from Johns Hopkins University. He has managed and directed programs in Ethiopia, including the material eradication initiatives and Medical Service Ethiopia. He also consulted with Johns Hopkins, USAID, and the World Bank. He is a founder of the Committee for Peace in Ethiopia and a member and leader of the American Public Health Association.

Rituu B. Nanda has twelve years of experience in community engagement, research, monitoring and evaluation, and knowledge management. She has a master’s degree in contemporary history and a certification in public health. She is currently pursuing her second master’s in evaluation from the University of Saarland. Nanda has been a long-term consultant with the Constellation, IDS (Sussex), and the Institute of Social Studies Trust. She has facilitated the SALT strength-based approach to community engagement in public health, including in immunization; HIV; and patient-centered response to NCDs, TB, WASH, aging, substance abuse, and so on. Additionally, she has incorporated the SALT approach in evaluation and participatory action research. Nanda brings a gender and equity lens into her work. This includes teaching a blended learning
course on gender transformative evaluation, working as a member of the EvalGender+ Management Group, and moderating an international community of practice on gender and evaluation.

Ferdous Arfina Osman, PhD, is a professor of public administration at Dhaka University. She received her PhD in public policy and administration from the University of Manchester under the Commonwealth Scholarship Plan. She did her postdoctoral research at Johns Hopkins University under the Fulbright Visiting Scholar Program. Dr. Osman has published extensively in academic journals at home and abroad on issues and areas relevant to public policy and governance. Her book *Policy Making in Bangladesh: A Study of the Health Policy Process* was published in 2004. Her major research focus includes public policy, health policy, governance, and public management.

Claudia Pereira, PhD, MS, is an associate professor at Fundação Oswaldo Cruz (Fiocruz), National School of Public Health, Department of Health Administration and Planning, Brazil. Prior to joining Fiocruz, she was a postdoctoral fellow at the Johns Hopkins Bloomberg School of Public Health, in the Department of Population, Family and Reproductive Health, working on health economics research. She has worked as a consultant for the Inter-American Development Bank, Jhpiego, Johns Hopkins University, the Minas Gerais state government, and the Pan American Health Organization, and has experience in population health and health systems strengthening in Angola, Mozambique, Botswana, Suriname, and Peru. Pereira holds a PhD in population health with an emphasis in health economics from the University of Wisconsin–Madison; an MS in demography from CEDEPLAR, Universidade Federal de Minas Gerais, Brazil; and a BA in economics from the same university.

Henry B. Perry, MD, PhD, MPH, has almost five decades of engagement in global community health work that has covered a broad range of activities, including program implementation, program leadership, and collaborations with government officials, nongovernmental organizations, academics, donors, and international organizations. He is the author of more than two hundred publications—articles in scientific journals, book chapters, books, and other documents that have been distributed widely. His teaching and mentoring of students has been widely acclaimed, resulting in numerous awards. His massive open online course on Coursera, Health for All through Primary Health Care, has reached more than sixty thousand people around the world.

James F. Phillips, MS, PhD, is a professor in the Heilbrunn Department of Population and Family Health at the Columbia University Mailman School of Public Health. Prior to joining the Columbia faculty, he was a senior associate of the Population Council with collaborative support responsibilities for implementation research directed toward health systems development initiatives in the
Philippines, Bangladesh, Ghana, Nigeria, and Tanzania. He has served as an advisor to the CHPS Initiative and is currently principal investigator for CHPS+. Dr. Phillips has a PhD in demography from the University of Michigan and an MS in population studies from the University of Hawaii.

Meike Schleiff is an assistant scientist in the health systems program of the International Health Department at the Johns Hopkins Bloomberg School of Public Health. She has worked extensively with communities and young leaders in Haiti through the GROW project, the nonprofit that she cofounded with Haitian colleagues, and has also been engaged in community development planning, implementation, evaluation, and training in Guyana, Ugandan India, and the Appalachian Region of the United States. She has experience working in a variety of settings on projects ranging from disaster response to entrepreneurial loan programs to building primary health care infrastructure in collaboration with local governments and communities. She conducted her doctoral dissertation research in West Virginia, USA, assessing the rural health workforce’s history, current capacity, and remaining gaps and opportunities for improving community-based health in the state. She is committed to building capacity and motivation globally for community health issues, mentoring young health and community development professionals, and advancing systems thinking and health systems research training opportunities.

Melissa Sherry, MPH, CPH, is the director of population health innovation and transformation at Johns Hopkins HealthCare in Baltimore, Maryland, and works both internationally and domestically to design effective and evidence-driven population health management strategies. In this role, Ms. Sherry specializes in building population health programs that engage communities and address the social determinants of health through improved alignment between communities, health care payers, and the health care delivery system, with a goal of improving health outcomes while managing health care costs. Ms. Sherry has more than ten years of experience working on population health and public health strengthening initiatives, including work in Africa, the Middle East, and Europe. Ms. Sherry holds an MPH degree with a focus on international health systems and a certificate in global health, and is completing a PhD in the Department of Health Policy and Management at the Johns Hopkins Bloomberg School of Public Health.

Rita Thapa is an alumnus of the Johns Hopkins Bloomberg School of Public Health. She represented Nepal in Alma-Ata and is pioneer chief of Nepal's Family Planning Maternal Child Health, & Primary Health Care Project and a former WHO first woman director of health systems and community health for the Southeast Asia Region. She currently serves as founding chairperson of the Bhaskar Memorial Foundation and is engaged in research influencing primary
cardiovascular disease and noncommunicable disease risk behaviors among school adolescents. Upon her return from WHO, she served as policy advisor to the Minister of Health in Nepal. She is a recipient of Life Time Awards from the Nepal Public Health Foundation and Perinatal Society of Nepal, including several national and international decorations.

**Kebede Worku** is a physician by profession with two decades of service in public health. He has served as a state minister of health of the Federal Democratic Republic of Ethiopia for thirteen years. As state minister, he was responsible for leading the implementation of the health sector to achieve the vision, mission, and goals set by the country. He was particularly responsible for leading the overall health sector to achieve national priorities and international commitments; mobilizing resources from donor communities (domestic and international); coordination and alignment of donor and implementing partners and other stakeholders toward achieving the mission of the health sector; setting policies and implementation strategies, and leading the development of procedures, guidelines, and manuals; overseeing the implementation of the health sector missions given to agencies accountable to the Ministry of Health, such as operational and basic researches, pharmaceutical supply chain management, human resource development and management, regulatory functions (food and medicine), public health emergency management, and medical services; and monitoring and evaluation of policies, strategic plans and guidelines, and annual plans of the health sector (comprehensive and programmatic plans). He has represented the country in international and national fora and shared experiences.