

Harvard Medical School

Department of Global Health and Social Medicine Faculty Research Interests | 2012–13

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Marcia Angell, MD

Dr. Angell is a senior lecturer in social medicine in the Department of Global Health and Social Medicine. A former editor-in-chief of the *New England Journal of Medicine*, Dr. Angell organizes the Faculty Seminar Series in Medical Ethics and serves as a planning member for many of the programs and events sponsored by the Department's Division of Medical Ethics. Dr. Angell also writes frequently in professional journals and the popular media on a wide range of topics, particularly medical ethics, health policy, the nature of medical evidence, the interface of medicine and the law, care at the end of life, and the relationships between industry and academic medicine.

Jaime Bayona, MD

Dr. Bayona is a lecturer in social medicine. His areas of interest include the epidemiology of tuberculosis, multidrug-resistant tuberculosis, extremely drug-resistant tuberculosis, HIV/AIDS, community-based approaches to dealing with public health problems, social responsibility, and public health approaches in Global Health. He is senior advisor of *Socios En Salud*, the Partners In Health sister organization in Lima, Peru, and director of Global Health Programs and Practice at The Dartmouth Center for Health Care Delivery Science.

Mercedes Becerra, ScD

Dr. Becerra's research focuses on the treatment and epidemiology of drug-resistant tuberculosis. She studies the burden of tuberculosis in the child and adult household contacts of patients with drug-resistant tuberculosis, and strategies to improve contact investigation, case detection, and treatment outcomes in high-risk households.

Anne E. Becker, MD, PhD, SM

Dr. Becker is vice chair of the Department of Global Health and Social Medicine, Maude and Lillian Presley Professor of Global Health and Social Medicine (HMS), and associate professor of psychiatry (MGH). Her research focuses on the impact of cultural and social environments on mental health. She is lead investigator on a study of the impact of rapid economic and social transition on suicide, obesity, disordered eating, and other health-risk behaviors among ethnic Fijian adolescent girls. Dr. Becker's research integrates ethnographic and epidemiologic approaches and encompasses cultural considerations for psychiatric nosology, ethnic disparities in access to mental health care, and transcultural assessment. She is director of the HMS Social Sciences MD-PhD Program and of the MGH Eating Disorders Clinical and Research Program. She also serves on the American Psychiatric Association's *DSM-5* Eating Disorders Work Group and Sub Work Group on Culture Bound Syndromes, as president of the Academy for Eating Disorders, and as associate editor of the *International Journal of Eating Disorders*.

Agnès Binagwaho, MD, M (Ped), PhD (hc)

Dr. Binagwaho is a Rwandan pediatrician and serves as the Minister of Health of Rwanda. She is senior lecturer in the Department of Global Health and Social Medicine. Dr. Binagwaho is a member of the Global Task Force on Expanded Access to Cancer Care and Control in Developing Countries and chairs the Rwanda Country Coordinating Mechanism of The Global Fund to Fight AIDS, Tuberculosis, and Malaria. Prior to serving as permanent secretary of the Ministry of Health (2008–11), Dr. Binagwaho was executive secretary of Rwanda's National AIDS Control Commission for six years (2002–08). Dr. Binagwaho's research interests concern the intersection of health with the social and political sciences. The objective of her studies and publications is to improve access to prevention, care, and

treatment in Rwanda for children and adults affected by HIV/AIDS and other diseases. Her most recent research has focused on PMTCT cost-effectiveness, pediatric and adolescent adherence to ART, access to reproductive health services for children and adolescents, and human rights strategies to promote health equity for children and vulnerable populations.

Robert S. Blacklow, MD, DSc (H.C.)

Dr. Blacklow, president emeritus of the Northeast Ohio Medical University (formerly the Northeastern Ohio Universities College of Medicine) and professor of community health sciences there, is a senior lecturer on social medicine in the Department. His interests and writings include the relationships between academic health centers and their regional departments of health, contemporary issues in health sciences education, access to health professions careers by the social and economically disadvantaged, and ways in which physicians and their patients can communicate more effectively with each other. He is currently working on a longitudinal study of the outcome of the Harvard Health Careers Summer Program—an enhancement program to the health professions for the socially and economically disadvantaged offered jointly by the Harvard Summer School and HMS in the late 1960s and 1970s. He also serves as a faculty adviser to the HMS Medical Clinical Casebook Project and is a member of the Senior Common Room in Lowell House at Harvard College.

Teodoro Forcht Dagi, MD

Dr. Dagi's, visiting professor, research includes surgical informed consent; ethics of international disaster assistance; the set and the statistic; management of ethical conflicts in health care reform; managing industry relations in medical institutions; patient safety vs. medical innovation: the problem of introducing new technologies in the operating theatre; and teaching innovation and invention in the medical setting.

Allan M. Brandt, PhD

Dr. Brandt is the Amalie Moses Kass Professor of the History of Medicine at Harvard Medical School, where he directs the Program in the History of Medicine. He currently holds a joint faculty appointment in the Department of the History of Science. Dr. Brandt earned his PhD in American history from Columbia University in 1983. His work focuses on social and ethical aspects of health, disease, and medical practices in the 20th-century. He has written on the social history of epidemic disease, the history of public health and health policy, and the history of human-subject research, among other topics. His book on the social and cultural history of cigarette smoking, *The Cigarette Century*, received the Bancroft Prize in American History and the Welch Medal from the American Association for the History of Medicine. He is currently investigating the history of stigma and its implications for health care and health policy in a global context.

Dan W. Brock, PhD

Dr. Brock's current research focuses in two areas: first, health care resource prioritization and rationing, with special attention to the ethical issues raised in the construction and use of cost-effectiveness analyses. This work includes both philosophical analyses and policy applications in collaboration with, for example, the Ministry of Health in Thailand and the World Health Organization. His second research focus is on ethical issues in genetic selection, both to avoid disabilities and to enhance positive traits.

Gene Bukhman, MD, PhD

Dr. Bukhman is an assistant professor of medicine and an assistant professor of global health and social medicine at Harvard Medical School. He is a cardiologist in the Division of Global Health Equity at Brigham and Women's Hospital and in the Boston VA Healthcare System. He is the cardiology director for Partners In Health. Dr. Bukhman is an expert on strategic planning for noncommunicable disease control and serves as the senior technical advisor on noncommunicable disease to the Rwandan Ministry of Health. For the past 10 years, his research has focused on the political and historical context of interventions in this area, as well the evaluation of programmatic outcomes. Dr. Bukhman is also the director of the Program in Global Noncommunicable Disease and Social Change at Harvard Medical School.

Arachu Castro, PhD, MPH

Dr. Castro is an associate professor of global health and social medicine in the Department of Global Health and Social Medicine, medical anthropologist in the Division of Global Health Equity at Brigham and Women's Hospital, and senior adviser for Mexico and Guatemala at Partners In Health. She serves on the Faculty Advisory Committee on Global and Community Health at HMS. Her major interests are how social inequalities embody differential risk for pathologies common among the poor and how health policies may alter the course of epidemic disease and other pathologies afflicting populations living in poverty. As a medical anthropologist trained in public health, she works mostly in infectious disease and women's health in Latin America and the Caribbean. She has worked in Mexico, Argentina, Haiti, Cuba, Puerto Rico, Venezuela, Colombia, Peru, Nicaragua, and the Dominican Republic. Through her work with national and international policy makers, she uses her research findings to translate them into new health policies and clinical protocols aimed at improving comprehensive health care for populations historically marginalized from quality health care. She directs the Latin America and Caribbean Initiative for the Integration of Prenatal Care with the Testing and Treatment of HIV and Syphilis (ILAP), in collaboration with UNICEF, UNAIDS, the Pan American Health Organization (PAHO), and several national AIDS programs. She is also the principal investigator of the Maternal Mortality Prevention Project in the Dominican Republic. Dr. Castro is the recipient of the 2005 Rudolf Virchow Award of the Critical Anthropology of Health Caucus of the Society for Medical Anthropology, the 2009 Burke Global Health Fellowship of the Harvard Institute for Global Health, the 2010 Harvard Catalyst Program for Faculty Development and Diversity Faculty Fellowship of Harvard Medical School, and the 2010 Guggenheim Fellowship in Medicine and Health of the John Simon Guggenheim Memorial Foundation in New York. She has published two books and several articles in medical, public health, and anthropology journals.

Eric Chivian, MD

Dr. Chivian is director of the Center for Health and the Global Environment and assistant clinical professor of psychiatry at Harvard Medical School. The Center is engaged in a number of projects, including working to promote a wider understanding of the human health implications of climate change, developing information and research in the area of climate change and energy, and two main aspects of biodiversity. 1) Trying to understand why certain groups of organisms, including amphibians, some species of bats, and certain insects, are undergoing rapid population declines. Some of the causes for these declines include infectious diseases, exposure to certain pollutants that may suppress immunity, and habitat loss. Yet several other issues remain poorly understood—whether these factors are acting separately or together, why they are so lethal now, and which ecosystem functions are affected, particularly those relating to human health. In collaboration with other leading

researchers, the Center is working to understand the causes of these population declines and the ecological and human health consequences. 2) Reviewing and critiquing the scientific literature used to justify the clear-cutting of 80- to 100-year-old mixed hardwood/conifer forests in New England, and examining the ecological and public health impacts from such cutting. We will look, for example, at how clear-cutting compromises the filtration of water and the detoxification of air pollutants, ecosystem functions of intact forests, and how the fragmentation of forests increases the risk of Lyme disease for those exposed to ticks at forest edges.

Felton Earls, MD, DSc (Hon.)

Dr. Earls is a professor of social medicine at Harvard Medical School and professor of human behavior and development at the Harvard School of Public Health. He is principal investigator of the Project on Human Development in Chicago Neighborhoods, a pioneering study on the causes and consequences of community violence. He is a coauthor of "Neighborhoods and Violent Crime: A Multilevel Study of Collective Efficacy," originally published in *Science* (August 1997). Since publication of this paper, the project's multilevel, longitudinal design has yielded many important findings related to neighborhood effects on birth weight, childcare, adolescent sexual health, asthma, mental health, and adult mortality. In a newer study initiated in 2002 in Tanzania, Dr. Earls is conducting a cluster randomized control trial with colleague Mary Carlson. The trial is designed to reduce stigma and increase knowledge of HIV/AIDS at the level of communities. Across the University, he directs the Behavioral and Social Science Program at the Harvard Center for AIDS Research and is a member of the Committee on African Studies and the Policy Committee of the David Rockefeller Center for Latin American Studies. His training is in pediatrics, psychiatry, and public health.

Andy Ellner, MD, MSc

Dr. Ellner is an instructor in medicine at Harvard Medical School, an associate physician in the Division of Global Health Equity at Brigham and Women's Hospital, associate medical director of the Brigham Internal Medicine Associates where he practices primary care medicine, and a faculty member of the Global Health Delivery Project. His research focuses on comparative health systems, health service organization and management, and novel uses of health information technology.

Nir Eyal, DPhil

Dr. Eyal is an assistant professor of social medicine in the Division of Medical Ethics and is on the faculty of the Harvard Program in Ethics and Health. Prof. Eyal's work brings philosophical analysis to bear on normative health policy and medical practice. Many of his projects center on global health delivery. Among them: ethical ways to address critical health worker shortages; accrediting corporations that promote global health; healthcare rationing in resource-poor settings; defending tobacco cessation treatment from calls to focus exclusively on preventative measures; the ethics of "test and treat"; the ethics of translational research in rich and in poor countries; ethical dilemmas in disaster relief; and royalties to the global poor from studies of their electronic health records. Other bioethics projects include identifying the problem with markets in human organs; personal responsibility for health; informed consent; measuring status-quo bias in disability-adaptation; the *Primum non nocere* principle; and ownership over the human body. Outside bioethics, Prof. Eyal investigates issues in egalitarian and consequentialist theory. A book manuscript studies the implications of new insights on consequentialism and respect for persons for multiple questions in bioethics. Prof. Eyal initiated and currently runs EJ Safra

Center's *New England Consequentialism Workshop*, and recently appointed to the Center's Faculty Committee. He is associate editor of the journal *Ethical Perspectives*, and co-editor of the new Oxford University Press USA series *Population Level Bioethics*.

Amy Farber, PhD

Dr. Farber's research focuses on cultural, operational, and scientific challenges associated with accelerating the pace of patient-centered multidisciplinary bench-to-bedside-and-back-again research. She especially focuses on addressing areas of significant unmet medical need. She is founder and CEO of the LAM Treatment Alliance, a Cambridge-based nonprofit organization established in 2006. This organization serves as an innovative case study in the practical work of engineering business models, partnerships, and projects focused on finding a treatment for and eradication of Lymphangioleiomyomatosis (LAM). LAM is a rare, fatal, and currently untreatable disease, affecting women in their childbearing years. The LAM Treatment Alliance is the largest LAM research organization in the world, raising over \$21 million for research since inception used to fund patient-centered LAM research globally. Dr. Farber trained as a social scientist focused on the study of law, medicine, and society. She is an alumna of the HMS fellowship in medical ethics. Geographically, Dr. Farber's doctoral research focused on the United States and South Africa. Her research now spans 29 countries where the LAM Treatment Alliance actively engages patients, clinicians, researchers, pharmaceutical companies, government bodies, and non-governmental organizations (NGOs).

Paul Farmer, MD, PhD

Dr. Farmer is Kolokotronis University Professor at Harvard, chair of the Department of Global Health and Social Medicine at Harvard Medical School, and chief of the Division of Global Health Equity at Brigham and Women's Hospital. He received his MD from HMS and his PhD in anthropology concurrently from Harvard University. While he was still a medical student, Dr. Farmer and colleagues founded Partners In Health, a nonprofit organization that provides free health care and undertakes research and advocacy activities on behalf of those who are sick and living in poverty. Dr. Farmer's research focuses on community-based treatment strategies for infectious diseases (including AIDS and tuberculosis) in resource-poor settings, health and human rights, the role of social inequalities in determining disease distribution and outcomes, and building comprehensive primary health care systems in resource-poor settings. Dr. Farmer is also the UN Deputy Special Envoy for Haiti, under Special Envoy Bill Clinton.

Rashi Fein, PhD, DLitt (Hon.), MA (Hon.)

Dr. Fein, professor of economics of medicine, emeritus, wrote *Learning Lessons: Medicine, Economics, and Public Policy*. This is a book of "stories," narratives of events that he participated in or witnessed, and from which the "lessons" derive. The various anecdotes selected help illustrate the way public policy positions are developed, the kinds of dilemmas that policy advisers often encounter, and the need for "balance" in many areas where there is no right or wrong, but where alternatives have different advantages and disadvantages. The book appeared in March 2010. In addition, he continues to study health care financing and delivery issues related to universal insurance in the United States.

Molly Franke, ScD

Dr. Franke is an instructor and epidemiologist in the Department of Global Health and Social Medicine. Her research focuses on programmatic- and individual-level risk factors for

adverse infectious disease (HIV, tuberculosis, cholera) outcomes and the application of novel epidemiologic methods to study these outcomes. She also studies modifiable risk factors for tuberculosis in children.

Byron J. Good, PhD

Prof. Good is a professor of medical anthropology in the Department of Global Health and Social Medicine at Harvard Medical School and professor in the Department of Anthropology at Harvard University. Prof. Good directs the International Mental Health Training Program, funded by the Fogarty International Center, to train psychiatrists from China in mental health services research. Prof. Good's current research focuses on violence and trauma in post conflict Aceh (Indonesia) and on investigating early experiences of psychotic illness in Yogyakarta in central Java. He is principal investigator of the International Pilot Study of the Onset of Psychosis, a multisite study of early psychosis in Indonesia, China, Hong Kong, Taiwan, and Boston, and of an intervention program for family members of persons with psychotic illness in Java and China, aimed at reducing stigma and improving care. In Aceh, he is deeply involved in developing and evaluating mental health interventions for persons traumatized by the years of conflict. His broader interests focus on the theorization of subjectivity in contemporary societies and on the relation of political, cultural, and psychological renderings of the subject and experience, with a special interest in Indonesia.

Mary-Jo DelVecchio Good, PhD

Prof. Good, professor of social medicine at Harvard Medical School and professor of sociology in the Harvard Faculty of Arts and Sciences, received her doctorate in sociology from Harvard. She is primary investigator on projects funded by the Russell Sage Foundation investigating the culture of medicine and psychiatry and inequalities in care, exploring how culturally specific services make a difference to patients and clinicians. She is co-principal investigator on a study of the impact of armed conflict and chronic trauma on the mental health and treatment needs of communities in Aceh, Indonesia. Prof. Good is on Harvard University standing committees for global health, health policy, Middle Eastern studies, and special concentrations; on the Harvard Medical School Institutional Review Board, Joint Committee on the Status of Women, and Office for Enrichment Programs in international health; and co-chair of the Milton Fund Committee. She offers seminars on global health and social studies of bioscience and biotechnology for HMS Health Sciences and Technology students and advises international research projects.

Bethany L. Hedt-Gauthier, PhD

Dr. Hedt is an instructor in the Department of Global Health and Social Medicine. As a member of the Research Core, she provides statistical support for grant applications and paper preparations for members of the Department. In addition, her interests include developing novel methods for efficient program monitoring and evaluation - streamlining the process from data collection to analysis, and integrating results into program policy and implementation.

Howard Hiatt, MD

Dr. Hiatt is a professor of medicine and associate chief of the Division of Global Health Equity. His past research has been in molecular biology, health policy, and international health issues. At present, he serves as mentor to junior faculty, residents, and students interested in global health.

Edward M. Hundert, MD

Dr. Hundert is a senior lecturer in medical ethics and is director of the HMS Center for Teaching and Learning. Over the past 20 years, he has served as president of Case Western Reserve University, dean of the University of Rochester School of Medicine and Dentistry, and associate dean for student affairs at Harvard Medical School. An award-winning educator, Dr. Hundert serves as director of the first-year HMS course "Medical Ethics and Professionalism." Dr. Hundert writes on a variety of topics in ethics, psychiatry, and education, and is interested in research at the intersection of medical education and students' and residents' moral and professional development.

Charlotte Ikels, PhD

Prof. Ikels's research has focused on cross-cultural aging and especially the experience of aging in Chinese societies. She has conducted research on this topic among Chinese communities in Greater Boston, Hong Kong, and the People's Republic of China. Her work considers the impact of China's economic reforms on urban life, the family, health, and health care via a longitudinal study conducted in Guangzhou from 1987 through 1998. She teaches courses on aging in cross-cultural perspective, death and dying in cross-cultural perspective, and Asian medical systems. Since 2006, she has undertaken research on comparative bioethics, seeking to understand how Western versions of bioethics are perceived and responded to by Chinese clinicians, educators, and policymakers.

Louise Ivers, MD, MPH, DTM&H

Dr. Ivers is senior health and policy advisor at Partners In Health, assistant professor in the Department of Medicine and the Department of Global Health and Social Medicine (HMS), and associate physician at the Division of Global Health Equity (BWH). Dr. Ivers works within the structures of Zanmi Lasante (Haitian Creole for "partners in health") and the Haitian Ministry of Health to evaluate current health programs and incorporate clinical innovation and health systems strengthening through practice-based research. Her research focuses on the intersection of HIV and food insecurity, improving implementation of health services, human rights, and cholera. She is lead investigator on a nutrition study, exploring the impact of a tailored-nutrition basket on clinical outcomes, and quality of life and economic situation for HIV-infected patients in rural Haiti.

Eric Jacobson, PhD

Dr. Jacobson is a lecturer on social medicine. His initial research training was in medical anthropology, with a dissertation on psychiatric aspects of Tibetan medicine. Since then, Dr. Jacobson has been investigating Asian and other alternative therapies at the Osher Research Center at Harvard Medical School, where he has worked on studies of the placebo effect and diagnostic reasoning in acupuncture. Dr. Jacobson is currently conducting a pilot clinical trial of an alternative manual therapy, structural integration, as a treatment for low-back pain.

David Jones, MD, PhD

Dr. Jones is the A. Bernard Ackerman Professor of the Culture of Medicine in the Faculty of Medicine and the Faculty of Arts and Sciences at Harvard University. After completing his MD and his PhD (in history of science) at Harvard, he trained in psychiatry at Massachusetts General Hospital and McLean Hospital, and then worked in the Psychiatric Emergency Services at Cambridge Hospital, a site that powerfully demonstrates the reciprocal interactions between disease and society. After seven years of teaching at both MIT and

HMS, he joined the Harvard faculty in 2011. His initial research focused on health disparities, particularly during epidemics of smallpox and tuberculosis among American Indians. He is now completing two books about decision-making in cardiac therapeutics, one about the difficulty of determining the efficacy and safety of surgical procedures and the other about the rise and fall of coronary artery bypass grafting.

Ted Kaptchuk

Prof. Kaptchuk is an associate professor of medicine and a lecturer on social medicine. The broad area of his concern is the intersection of placebo studies and ritual theory. In conjunction with his colleagues at the various teaching hospitals, Prof. Kaptchuk's work involves a multidisciplinary investigation of placebo effects that seeks to integrate concepts, research designs, and analytic methods drawn from the basic, clinical, and social sciences as well as the humanities (e.g., history and bioethics). He is currently director of the Harvard-wide Program in Placebo Studies and Therapeutic Encounter hosted at the Beth Israel Deaconess Medical Center.

Arlene Katz, PhD

Dr. Katz is an instructor in the Department of Global Health and Social Medicine and teaches cross-cultural care in the Residency Program, Dept. of Medicine Cambridge Health Alliance. Her main research interests include the culture of medicine, qualitative methods in multicultural mental health, disparities in vulnerable populations, newborn health and social change, and ageism and stereotyping. Dr. Katz is also interested in mental health in primary care, the moral dimensions of care, social suffering, accompaniment, care giving, and the experience of illness, social poetics, and narratives of clinical care, the ethics of informed consent, and hearing the voices of the community in care, research, and environment.

Joan Kaufman, MA, MS, ScD

Dr. Kaufman teaches, advises, conducts research on international health policy issues, with a focus on China, and works as the China team leader for the International AIDS Vaccine Initiative, a public-private partnership based in New York. She holds a doctorate in public health. Dr. Kaufman speaks Mandarin and has lived in China for more than 10 years, working closely with the government and key donors on many aspects of HIV prevention and community participation. Her current research projects focus on building the capacity for government and nongovernmental-organization collaboration on China's AIDS response, improving reproductive health services for poor women in rural China, developing and evaluating a mental health counseling intervention for AIDS orphans in rural China, and marshaling the social policy and demographic evidence to change China's one-child population policy. She is actively engaged in research collaborations aimed at improving the integration of HIV/AIDS and reproductive health services. She participates in a three-country research network, the Gender and Health Equity Network, which has been carrying out studies aimed at improving women's participation in health planning in poor communities in China, India, and Mozambique for the purpose of reducing maternal mortality and morbidity and improving diagnosis and treatment of reproductive-tract infections. Her overall research and teaching focuses on gender, population and international health policy, and health governance issues.

Salmaan Keshavjee, MD, PhD

Dr. Keshavjee is an assistant professor in the Department of Global Health and Social Medicine and the Department of Medicine at HMS. His research spans four areas: (1) multi-

drug resistant tuberculosis (MDR-TB) treatment and policy; (2) health-sector reform and access to health care and medical technology in transitional societies, with a special focus on countries of the former Soviet Union (Central Asia and the Russian Federation); (3) the role of non-governmental organizations in globalization and the formation of trans-border civil society; and (4) modernity, social institutions, civil society, and health in the Middle East and Central Asia. In addition to being an active clinician, his methodological expertise is in ethnography, participant-observation, and qualitative interview techniques. Dr. Keshavjee has led efforts in Tomsrk, Siberia, where he helped implement the first systematic effort to treat MDR-TB in the Russian Federation in accordance with international clinical practice standards; between 2006 and 2008, he led the effort to treat MDR-TB/HIV co-infection in Lesotho, which was the first of its kind in this Sub-Saharan African country.

Roderick K. King, MD, MPH

Dr. King is an instructor in the Department of Global Health and Social Medicine at Harvard Medical School and senior faculty at the Massachusetts General Hospital Disparities Solutions Center. He was an inaugural anniversary fellow in the Institute of Medicine, National Academy of Sciences, where he served on the Board on Global Health and on the study committee, "The US Commitment to Global Health." Dr. King's research interests focus on health systems strengthening, specifically leadership/workforce development, multi-sector collaboration for health innovation, health disparities, and the impact of social determinants of health. Prior to returning to Harvard Medical School, he served as director for the Health Resources and Services Administration (HRSA), New England Region One, and as a commander in the US Public Health Service, US Department of Health and Human Services (DHHS). In addition to his current academic work, Dr. King serves as the senior advisor for the Health Resources and Services Administration, US DHHS and on the Secretary of Health and Human Services Advisory Committee on Minority Health. Dr. King earned his BS in Biomedical Engineering from Johns Hopkins University, his MD from Cornell University Medical College, and his MPH from the Harvard School of Public Health as a Commonwealth Fund-Harvard University fellow in Minority Health Policy.

Arthur Kleinman, MD

Dr. Kleinman is a professor of medical anthropology in the Department of Global Health and Social Medicine and a professor of psychiatry at Harvard Medical School. He is also the Esther and Sidney Rabb Professor of Anthropology in the Harvard Faculty of Arts and Sciences. In addition, since 2008 he has been the Victor and William Fung director of the Harvard Asia Center. Dr. Kleinman's research includes a collaborative study of elder care for demented elderly in China and a study of stigma and mental illness funded by the Harvard China Fund. He has coedited a special issue of *Global Public Health* on values in global health, and co-edited a collaborative volume on Japanese Medical Atrocities in China during World War II. He is co-author of *Deep China: The Moral Life of the Person. What Anthropology and Psychiatry Tell Us About China Today* published in September 2011 by University of California Press. He has written a series of articles on the medical humanities for *The Lancet*. He is a member of the Global Health Committee in the Faculty of Arts and Sciences and co-teaches a Gen Ed course on global health. He directs the Medical Anthropology Program in the Department of Anthropology, through which 75 students have so far received or will be receiving a PhD (including 15 MD-PhDs). In 2011-2012, he will deliver the William James Lecture at Harvard.

Felicia Knaul, PhD

Prof. Knaul is director of the Harvard Global Equity Initiative (HGEI) and associate professor at Harvard Medical School. She leads initiatives on international affairs, health, and competitiveness at the Mexican Health Foundation. As a result of her personal experience, she founded Cáncer de Mama: Tomatelo a Pecho (Breast Cancer: Take it to Heart) in 2007, a program sponsored by the Carso Health Institute and the Mexican Health Foundation that undertakes and promotes research, advocacy, awareness, and early-detection initiatives on breast cancer in Latin America. Her book, released in October 2009, discusses her life with breast cancer, *Tómatelo a Pecho*. Her analytic and policy work focus on breast cancer and health systems, health financing and poverty, health and the economy, health system reform, women and health, and aging and health systems, as well as on education and child labor. She has more than 130 publications, including articles in peer-reviewed journals, several books, and book chapters. In 2006, she received the Global Development Network Prize for research in health. In 2008, she was a member of the advisory board of the Working Group on Global Health for the Clinton Global Initiative. She is currently a member of the Strategic Consultative Committee for the Office for Mexico and Central America of the David Rockefeller Center for Latin American Studies at Harvard University, the consultative council of UNICEF in Mexico (since 2003), and the boards of the Harvard-Mexico Foundation and the Mexican Council on Competitiveness (since 2005). She also holds academic appointments at the National Institute of Public Health of Mexico and as a nonresident fellow of the Brookings Institution. She has held senior government posts at the Ministries of Education and Social Development in Mexico and at the Department of Planning of Colombia and has worked for a number of international institutions, including the World Health Organization, the World Bank, the Inter-American Development Bank, and UNICEF. Her BA is in economics and international development from the University of Toronto, and she holds MA and PhD degrees in economics from Harvard University.

Eric L. Krakauer, MD, PhD

Dr. Krakauer, assistant professor of global health and social medicine at Harvard Medical School and assistant professor medicine at Massachusetts General Hospital researches the palliative care needs of poor and marginalized populations; clinical and ethical issues in end-of-life care; and continuing medical education in Vietnam.

Sing Lee, MB BS, FRCPsych (U.K.)

Dr. Lee is a lecturer on social medicine. Formerly a Freeman Foundation fellow in the Department of Social Medicine, Dr. Lee is a clinical psychiatrist and works on mental health extensively in Hong Kong and China. Dr. Lee's principal research interest centers on mental health and social change in Chinese society. He has studied eating disorders, neurasthenia, somatization, depression, anxiety, stigma, suicide, and psychiatric classification.

Lisa Soleymani Lehmann, MD, PhD, MSc

Dr. Lehmann is director of the Center for Bioethics at Brigham and Women's Hospital, assistant professor of medicine and of global health and social medicine at Harvard Medical School, and associate physician at Brigham and Women's Hospital. Dr. Lehmann conducts empirical and philosophical research on contemporary ethical issues in medicine. She is interested in the moral determinants of medical decision-making and has focused on ethical issues in genetics, physician-patient communication, and truth telling in medicine, religion and medicine, and research ethics.

Roberto Lewis-Fernández, MD

Dr. Lewis-Fernández is a professor of clinical psychiatry at Columbia University and director of the New York State Center of Excellence for Cultural Competence and the Hispanic Treatment Program at New York State Psychiatric Institute. He is also lecturer on social medicine at Harvard University. Dr. Lewis-Fernández's research focuses on developing clinical interventions and novel service-delivery approaches to help overcome disparities in the care of underserved US cultural groups. His work centers on improving treatment engagement and retention in mental health and physical health care by persons with anxiety, depression, and other serious mental illnesses. He also studies the way in which culture affects individuals' experience of mental disorder and their help-seeking expectations, including how to explore this cultural variation during the psychiatric evaluation. The National Institutes of Mental Health, the American Red Cross, and private foundations, including the National Alliance for Research on Schizophrenia and Depression, have funded his work. Dr. Lewis-Fernández is a member of the National Advisory Mental Health Council of the National Institute of Mental Health, chair of the Cultural Psychiatry Committee of the Group for the Advancement of Psychiatry, a member of the Anxiety Disorders Work Group and the Culture and Gender Study Group of the DSM-5, and a member of the Community Services Board of the New York City Department of Health and Mental Hygiene.

Edward Lowenstein, MD

Dr. Lowenstein is Henry Isaiah Dorr distinguished professor of anesthesia and professor of medical ethics. He spent three decades as a cardiac anesthesiologist at Massachusetts General Hospital (MGH) before serving as anesthetist-in-chief at Beth Israel Deaconess Medical Center. After taking the Division of Medical Ethics fellowship in 1997–98, he returned to the MGH Department of Anesthesia and Critical Care as provost. He has recently edited a book on the enduring contributions of Henry K. Beecher to medicine, science, and society and teaches Harvard Medical School students several courses stressing ethics, professionalism, and end-of-life care. His present research interests are in access to medical care, socioeconomic determinants of health, and the relative importance of socioeconomic status and medical care to health status. In 2005, Dr. Lowenstein received the William Silen Lifetime Achievement in Mentoring Award from Harvard Medical School.

Chunling Lu, PhD

Dr. Lu is an assistant professor in the Department of Medicine at Brigham and Women's Hospital and in Global Health and Social Medicine at Harvard Medical School. As a health economist, Dr. Lu is engaged in research in five general areas which are related to the Global Health Delivery program: (1) tracking, measuring, and analyzing national and global funding sources for health; (2) developing methodologies, measurements, and information-collecting technologies that facilitate comparative analysis for evaluation research; (3) evaluating the impact of global health aid on health outcomes; (4) evaluating the fairness and efficiency of national or international health programs, and (5) measuring the economic burden of diseases and economic impact of treating diseases in developing countries.

John G. Meara, MD, DMD, MBA

Dr. Meara is an associate professor and director of the Program in Global Surgery and Social Change within the Department of Global Health and Social Medicine (HMS), associate professor of surgery (HMS), chair of the executive committee of the Harvard Plastic Surgery Training Program and chief of the Department of Plastic & Oral Surgery at Children's Hospital Boston. Since 2008, he has directed the Paul Farmer Global Surgery Fellowship

program in collaboration with Partners In Health. Its purpose is to train leaders who will further promote surgical care, education, and research pertinent to global surgery. His interests and innovation activities lay in the areas of craniofacial anomalies, cleft lip and cleft palate, but Dr. Meara has a particular interest in the global surgical burden of disease and improving health outcomes. He is involved in several projects looking at the burden of surgical disease, the surgical capacity assessment, the use of technology for post-operative patient management, and the economic impact of untreated surgical disease.

Ann Miller, PhD, MPH

Dr. Miller is a research associate in Social Medicine in the Department of Global Health and Social Medicine at Harvard Medical School. Her research focuses on tuberculosis, HIV, soil-transmitted helminthes, impact of infectious diseases on child cognitive development (including critical windows and optimal timing of interventions), outcomes research, and cluster-randomized trials.

Christine Mitchell, RN, MS, MTS, FAAN

Ms. Mitchell is an associate director of clinical ethics in the Division of Medical Ethics and director of the Office of Ethics at Children's Hospital Boston. She is currently engaged in a multistep research project, "TEECH: The Evaluation of Ethics Consultation at Harvard Hospitals," with leaders from the ethics programs at Harvard-affiliated institutions. The first phase involved a narrative description of the ethics activities at each of the participating hospitals. TEECH2 involves development of a common documentation system for ethics consultation that will enable sharing and analysis of descriptive data about selected aspects of consultation procedures, processes, and content. The Harvard Ethics Leaders Group is considering Ethics consult documentation software (ECWeb) for possible use in a pilot program at selected HMS-affiliated hospitals. Subsequent phases of TEECH will focus on outcomes of ethics consultation. Ms. Mitchell also organizes the monthly Harvard Ethics Consortium for peer discussion of clinical ethics cases and the annual Harvard Bioethics Course (a training program for members of ethics committees in health care institutions), and edits publication of ethics cases for the *Journal of Clinical Ethics*.

Carole D. Mitnick, ScD

Dr. Mitnick is an assistant professor whose research centers on the improvement of clinical outcomes among patients treated for multidrug-resistant tuberculosis. Her work includes observational research, applying conventional and novel epidemiologic methods, to elucidate biological and sociopolitical characteristics that are associated with poor treatment outcomes. Dr. Mitnick is also developing clinical trials in tuberculosis, which hold the potential to shorten treatment and improve outcomes for susceptible and resistant disease. These studies include methodological advances that could simplify and/or shorten phase III trials of antituberculosis agents. All of Dr. Mitnick's efforts aim at building the evidence base for changes in policies that governs the treatment of tuberculosis in resource-limited settings. The goals of these changes are enhanced access to appropriate therapy and improved outcomes for patients suffering from all forms of tuberculosis.

Joia Mukherjee, MD, MPH

Dr. Mukherjee is Associate Professor of Medicine in the Division of Global Health Equity at the Brigham and Women's Hospital and in the Department of Global Health and Social Medicine at Harvard Medical School (HMS). In her capacity at HMS, she directs the Program on Global Medical Education and Social Change where she leads a team of faculty in

developing the pedagogical and practical framework for teaching global health at the undergraduate, resident, fellow, and graduate student levels. Since 2000, she has served as Chief Medical Officer of Partners In Health, an international medical non-profit with clinical programs in Haiti, Rwanda, Burundi, Malawi, Lesotho, Peru, Mexico, Russia, Kazakhstan, and inner city Boston. She trained in infectious disease, internal medicine, and pediatrics at the Massachusetts General Hospital and has an MPH from the Harvard School of Public Health. Dr. Mukherjee consults for the World Health Organization on human resource development and the treatment of both HIV and MDRTB in developing countries. Her scholarly work focuses on the implementation of health interventions in resource-poor settings.

Edward Nardell, MD

Dr. Nardell is an associate professor in the Departments of Medicine and of Global Health and Social Medicine at Harvard Medical School and in the Departments of Immunology and Infectious Diseases and of Environmental Health at the Harvard School of Public Health. He is an associate in medicine in the Department of Medicine at Brigham and Women's Hospital (BWH), in both the Division of Global Health Equity and the Pulmonary Division. His research interests involve the control of tuberculosis under resource-limited conditions, with a focus on the pathogenesis of drug-resistant tuberculosis, its airborne transmission, and transmission control in institutions. He is currently funded by NIOSH (R01) to test interventions to prevent transmission of multidrug-resistant tuberculosis (MDRTB) in a unique experimental facility in South Africa, in which large numbers of sentinel guinea pigs serve to sample the air from a six-bed MDR-TB ward, part of an MDR-TB referral center. An early observation of this research has led to new investigation on TB pathogenesis, specifically the possibility of transient TB infection in guinea pigs as well as humans. Another important finding is that *effective* treatment rapidly (within days) stops TB transmission, even due to MDR-TB. Further planned research will determine which drugs are responsible for this dramatic effect. Ongoing experiments are also studying the impact of inhaled TB drugs on TB transmission. Another long-standing research avenue is the application of germicidal irradiation to reduce airborne transmission. A Fogarty grant is developing more efficient, less expensive UVGI fixtures for resource-limited settings. Dr. Nardell is also co-principal investigator on a grant to develop and validate a computer-assisted design (CAD) software package to facilitate planning of UV installations in buildings. Plans are also under way to test a novel, environmentally safe chemical vapor that may be effective in reducing airborne transmission.

Michael Nurok, MD, PhD

Dr. Nurok is a clinical associate professor at Weill Cornell Medical College and an attending physician at the Hospital for Special Surgery. He is both a physician and sociologist whose clinical work is in the areas of anesthesia and critical-care medicine, concentrating on the care of patients with advanced cardio-pulmonary disease undergoing complex operations. Dr. Nurok's research focus is on the social conditions that allow for the development of high-technology care and the way in which social interactions among clinicians, patients, and families effect outcomes.

Nancy Oriol, MD

Dr. Oriol is Harvard Medical School's dean for students, as well as a lecturer on social medicine. As founder of Harvard Medical School's Family Van and co-principal investigator on the national demonstration project www.mobilehealthmap.org, she specializes in investigating the role of the mobile health care sector in the United States. Her work has

demonstrated the mobile health care sector's return on investment in terms of quality life-years saved and emergency department visits avoided. She is currently building the Family Van's community-based research program to extend this work and demonstrate the impact of mobile health clinics on chronic disease prevention and management. Dean Oriol also has an interest in disparities in health and access to health care in the United States, as well as training medical professionals in cultural competency and in fostering biomedical literacy in underrepresented minorities and socioeconomically disadvantaged youth.

Judith Palfrey, MD

Dr. Palfrey is the T. Berry Brazelton professor of pediatrics at Harvard Medical School, former chief of the Division of General Pediatrics at Children's Hospital Boston, and 2009–2010 president of the American Academy of Pediatrics. She was recently named executive director of Let's Move! a program developed by First Lady Michelle Obama targeting childhood obesity. Her research has focused on the delivery of community services to children—particularly children and youth with special health care needs—and the ways in which pediatricians could address social determinants of health as part of their routine pediatric professional responsibility. Her research team investigated the impact of the Individuals with Disabilities Education Act on children across the country in terms of the inclusion of children with special needs into special educational programs. A proponent of the medical home, she and her team carried out one of the first studies of the feasibility of providing the medical home. Her leadership led to the development of Project School Care, a program designed to help children assisted by medical technology to benefit from participation in school. She was also a member of the Brookline Early Education Project (BEEP) team and the principal investigator of the 25-year follow-up of BEEP, which documented the educational, health, and mental health benefits of an integrated early-childhood program. She is currently working with the Un Buen Comienzo team in Santiago, Chile, on a project that takes its roots from BEEP and Project Head Start. She is also the principal investigator of Opening Doors, a National Institute of Disability and Rehabilitation Research-funded project to investigate inclusive services for children with special health care needs from underserved communities. Dr. Palfrey has championed community medicine and pediatric advocacy, serving as the national director of the Annie Dyson Community Pediatrics Training Initiative. This national program has had a major impact on the training of pediatric residents and on the children and families they serve. Dr. Palfrey is the author of more than 100 papers on community medicine and advocacy, as well as the books *Community Child Health* (Praeger, 1994) and *Child Health in America: Making a Difference Through Advocacy* (Johns Hopkins Press, 2006).

Lynn Peterson, MD

Dr. Peterson is a senior lecturer in the DGHSM who is studying access to health care in rural, low-density populations especially for those of advanced age and chronic illness. Access and resources in rural areas may be lacking because of distances to medical centers, a reduced tax base and lack of primary care providers. Previous studies have shown that proactive efforts to improve home care and function can have a positive impact on functioning and other health parameters. We are attempting to realize these gains by having a community care coordinator reach out to the elderly and others with chronic needs. In order to document the impact of this approach we are designing a quantitative and qualitative study to examine things like the use of hospitals, activities of daily living, and family impact.

Claire-Cecile Pierre, MD

Dr. Pierre is an instructor in global health and social medicine, director of the Program in Global Health Systems Strengthening and Social Change at Harvard Medical School, and instructor at Cambridge Health Alliance. Her research interests are health care workforce reinforcement through global partnerships; strengthening health systems across the post disaster periods (humanitarian, recovery, etc.); public health informatics; and models of Leadership for continued community engagement in public health planning.

Scott Podolsky, MD, PhD

Dr. Podolsky is an assistant professor in the Department of Global Health and Social Medicine and a primary care physician at Massachusetts General Hospital. Since 2006, he has served as the director of the Center for the History of Medicine based at the Countway Medical Library. He has co-authored *Generation of Diversity: Clonal Selection Theory and the Rise of Molecular Immunology* (1997) authored *Pneumonia before Antibiotics: Therapeutic Evolution and Evaluation in Twentieth-Century America* (2006), and co-edited *Oliver Wendell Holmes: Physician and Man of Letters* (2009). His current research, concerning the history of antibiotics over the past half-century, looks at evolving interactions among physicians, patients, pharmaceutical companies, governmental agencies, and therapeutic reformers throughout this period.

Giuseppe James Raviola, MD

Dr. Raviola has studied and written on child and adolescent mental health concerns, and the mental health and well-being of health care workers. He has published in areas of interest including clinical psychiatry, research in ethnography and cultural anthropology, HIV/AIDS in Africa, and mental health policy. As an advocate for community and global mental health concerns, he seeks to promote the need for incorporating effective, evidence-based mental health programs within existing community and health care infrastructures.

Joe Rhatigan, MD

Dr. Rhatigan is director of the Global Health Equity Residency Program at Brigham and Women's Hospital (BWH) and works clinically as a hospitalist there. He graduated from HMS in 1992 and finished his residency in internal medicine at BWH in 1995. As one of the key faculty members of the Global Health Delivery Project at Harvard, he develops case studies analyzing the design implementation of health care service delivery in resource-constrained settings.

Amelie Oksenberg Rorty, PhD

Dr. Rorty is a lecturer in social medicine. Her interests lie in cross-cultural comparisons of definitions and expectations of (physical and mental) health and in psychosocial strategies of coping in ill health, particularly for people—such as migrants, refugees, and exiles—who live in “two cultures.” Dr. Rorty is also interested in exploring the ambivalence of trust and distrust that patients and clinicians experience toward one another, and in the contested hierarchies of authority and respect among all levels of medical practitioners. She is presently finishing a book, “On the Other Hand: The Ethics of Ambivalence” and editing a volume, “From Passions to Emotions and Sentiments,” on the history of conceptions of the emotions. A philosopher and anthropologist by training, she also finds literary works illuminating. Dr. Rorty would be glad to hear from colleagues and students working in these and related areas.

Sadath A. Sayeed JD, MD

Dr. Sayeed is an instructor in the Department of Global Health and Social Medicine and attends as a staff neonatologist at Children's Hospital Boston (CHB). He directs the Program in Newborn Health and Social Change, which focuses on building implementation platforms to improve local capacity to deliver advanced neonatal care with global partners. He directs the Responsible Conduct of Research program at Harvard Medical School, and teaches semester long courses to HMS medical students, post-doctoral fellows, and starting the fall 2012, HMS Master's students. Dr. Sayeed trained in pediatrics and neonatology at the University of California, San Francisco, and received his law degree from the University of Michigan. His research interests focus broadly on the ethical and social determinants of newborn and infant survival across countries and cultures.

Lisbeth B. Schorr

Ms. Schorr is a lecturer in social medicine, Department of Global Health and Social Medicine. Her primary interests are in how to more effectively assemble, synthesize, and apply the wealth of what is known from research and experience to radically improve the lives of disadvantaged children and families, and the neighborhoods they live in. She is focusing on the evidence and evaluation issues raised by this challenge, especially in the context of exploring how the balance between minimizing the risk of failure on the one hand, and encouraging more effective and innovative solutions on the other, might evolve in the years ahead in the interests of achieving Breakthrough Results.

Mary C. Smith Fawzi, ScD

Dr. Smith Fawzi is an epidemiologist trained at the Harvard School of Public Health with direct experience running NIH-funded research and training projects. She has international experience in study design and/or implementation in Tanzania, Iraq, Thailand, Peru, Haiti, and Kazakhstan. She has trained health care professionals in study design, statistical analysis, and proposal development at technical workshops funded by the Tropical Disease Research branch of the World Health Organization and is the primary instructor of the joint HMS/HSPH course "Epidemiologic Methods for Global Health" through the Global Health Effectiveness program. She has also served as the co-principal investigator of a Fogarty International Center-funded training grant in rural Haiti titled "Scale-up of Community-Based HIV Prevention and Care," a research training program linked with the expansion of HIV services through support from the Global Fund to Fight AIDS, Tuberculosis, and Malaria. Dr. Smith Fawzi served as the co-principal investigator of an NIH-funded research study titled "Psychosocial Intervention in HIV-Affected Children in Haiti." She currently is a principal investigator of the "Positive Change Agents Program – Tanzania," a public health evaluation, funded by the Centers for Disease Control and Prevention that focuses on working with HIV-positive individuals to promote HIV prevention in their communities.

Mildred Z. Solomon, EdD

Prof. Solomon, associate clinical professor of medical ethics, directs the HMS Fellowship in Medical Ethics and is director of clinical research for the Division of Medical Ethics. She is also the President of The Hastings Center, a world-renowned bioethics policy institute located in Garrison, NY. Dr. Solomon's scholarly work focuses on the ethics of end-of-life care for children and adults, organ donation, the protection of human research participants both in the United States and in the developing world, and ethical issues related to health care reform and health care system performance improvement. As a social scientist, she conducts health services research, aimed primarily at closing the gap between recommended clinical guidelines and actual practice. She has a particular interest in change

efforts that focus not only on enhancing technical competencies but also on values and institutional culture. She has served as principal investigator on numerous research grants from the National Institutes of Health, the Agency for Health Research and Quality, the Centers for Disease Control and Prevention, and the Robert Wood Johnson Foundation. Her policy work includes advising the Institute of Medicine on pediatric palliative care and donation after cardiac death. Prof. Solomon recently completed a four-year tenure on the US Secretary of Health and Human Services' Advisory Committee on Organ Transplantation and was a member of the National Academies of Science, National Research Council committee, "Promoting Safe and Secure Chemical Management in Developing Countries."

Robert Truog, MD

Dr. Truog, professor of medical ethics, anesthesia, and pediatrics and professor of medical ethics, is the principal investigator on the NIH R01 project "Toward Optimal Palliative Care in the PICU Setting." The project will develop tools to evaluate the quality of end-of-life care in the pediatric ICU. These tools will then be used to investigate both qualitative and quantitative aspects of 50 consecutive deaths occurring in each of eight geographically dispersed pediatric ICUs, from the perspectives of parents, patients, and clinicians. In addition, Dr. Truog is director of the Institute for Professionalism and Ethical Practice, whose mission is to cultivate moral and relational competence through research and the development of curricula around difficult conversations that arise in health care settings. Dr. Truog is director of clinical ethics in the HMS Division of Medical Ethics.

Norma Ware, PhD

Dr. Ware, a medical anthropologist and associate professor in the Department of Psychiatry and in the Department of Global Health and Social Medicine, conducts social and behavioral research on HIV/AIDS treatment and care in sub-Saharan Africa and on mental health services in the United States. Current projects include patient-oriented studies of retention among patients receiving treatment for HIV/AIDS in Nigeria, Tanzania, and Uganda; health systems studies of decentralization, a process through which treatment and care for HIV/AIDS is being expanded from tertiary care sites into the community in Nigeria and Tanzania; qualitative examination of influences on adherence to pre-exposure prophylaxis ART in serodiscordant couples in Uganda.