Marcia Angell, MD
Dr. Angell is 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 international health. He directs Socios en Salud, the Partners In Health sister organization in Lima, Peru.

Mercedes Becerra, ScD
Dr. Becerra is an assistant professor of social medicine. Her primary research interest is the high burden of tuberculosis in the households of tuberculosis patients. Dr. Becerra’s work examines the fitness cost of resistance-associated mutations in *M. tuberculosis* by applying conventional and molecular epidemiology in household risk cohorts.

Anne E. Becker, MD, PhD, ScM
Dr. Becker is vice chair of the Department of Global Health and Social Medicine, associate professor of medical anthropology (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 also 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, and serves on the American Psychiatric Association’s *DSM-5* Eating Disorders Work Group and Subcommittee on Culture Bound Syndromes.

Robert S. Blacklow, MD, DSc (H.C.)
Dr. Blacklow, formerly president of the Northeastern Ohio Universities College of Medicine and professor of community health sciences, 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 an enhancement program to the health professions offered jointly by the Harvard Summer School and HMS in the 1960s and 1970s. He also serves as a faculty adviser to the HMS Medical Clinical Casebook Project.

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 serves as the dean of the Harvard Graduate School of Arts and Sciences and holds a joint 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 United States. 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 recent book on the social and cultural history of cigarette smoking, *The Cigarette Century*, was awarded the Bancroft Prize in American History.

Dan W. Brock, PhD
Dr. Brock is director of the Department’s Division of Medical Ethics and of the Harvard University Program in Ethics and Health. His current research is focused 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. Dr. Brock is on sabbatical during the 2010–11 academic year.

Arachu Castro, PhD, MPH
Dr. Castro is assistant professor of 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 is a fellow of the Holmes Society. Her major interests are how social inequalities are embodied as 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, including in Mexico, Argentina, Haiti, Cuba, Puerto Rico, Venezuela, Colombia, Peru, and the Dominican Republic. She is expanding her research to Nicaragua and other countries through the Latin America and Caribbean Initiative for the Integration of Prenatal Care with the Testing and Treatment of HIV and Syphilis (ILAP), which she directs in collaboration with UNICEF, UNAIDS, the Pan American Health Organization (PAHO), and eight national AIDS programs. She is also the principal investigator of the Maternal Mortality Prevention Project in the Dominican Republic, Haiti, and Peru. 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 HMS Center for Health and the Global Environment and a lecturer on social medicine. The Center is engaged in a number of projects, including 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 have been identified, including 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 at the present time, and which ecosystem functions are being 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 that has been 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 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 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, child care, 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 Center for AIDS Research at HMS and the South Africa Fellows Program. His training is in pediatrics, psychiatry, and public health.

Nir Eyal, DPhil
Dr. Eyal is assistant professor of social medicine in the Division of Medical Ethics and is on the faculty of the Harvard Program in Ethics and Health. Dr. Eyal is currently writing on ethical ways to address critical health-worker shortages; health care rationing in resource-poor settings; markets in human organs; the ethical grounds for informed consent; personal responsibility for
health; the ethics of translational research; measuring status-quo bias in disability adaptation; and
accrediting corporations for improving global health. Dr. Eyal is also completing a book that
defends a consequentialist approach to respect for persons and applies that approach to
normative questions in bioethics and political theory. Research outside bioethics surrounds
egalitarian theory, self-ownership, basic income guarantee, political domination, and
consequentialism. During the 2009–10 academic year, Dr. Eyal was a faculty fellow at the Safra
Center for Ethics, Harvard University.

Amy Farber, PhD
Dr. Farber’s research focuses on cultural, operational, and scientific challenges associated with
accelerating the pace of patient-centered multidisciplinary translational research. She is
especially focused on addressing areas of significant unmet medical need. Her work as founder
and CEO of the LAM Treatment Alliance, a Cambridge-based nonprofit organization established
in 2006, 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 child-bearing years. Dr. Farber is trained as a social scientist focused on
the study of law, medicine, and society. She has completed the HMS fellowship in medical
ethics. Her research has been focused in the United States and South Africa.

Paul Farmer, MD, PhD
Dr. Farmer is the Maude and Lillian Presley Professor of Social Medicine and 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.)
Professor 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.

Byron J. Good, PhD
Prof. Good is 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 is focused on violence and trauma in postconflict Aceh (Indonesia) and on investigating early experiences of psychotic illness in Jogyakarta 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, a 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 cochair 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.

Edward M. Hundert, MD
Dr. Hundert is a senior lecturer in medical ethics. 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 codirector, with Prof. Dan Brock, of the first-year HMS course “Medical Ethics and Professionalism.” For the 2007–08 academic year, he was senior scholar in the Safra Center for Ethics at the Kennedy School of Government. Dr. Hundert writes on a variety of topics in ethics, psychiatry, and education, and he consults at academic medical centers and universities worldwide.

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 has considered 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 have been perceived and responded to by Chinese clinicians, educators, and policymakers.

**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 associate professor of the history and culture of science at the Massachusetts Institute of Technology, and lecturer in social medicine at Harvard Medical School. 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. His initial research focused on health disparities, particularly during epidemics of smallpox and tuberculosis among American Indians. He is now juggling two research projects: one on race, pharmacology, and disparities in treatment outcome; the other on techniques of cardiac revascularization (bypass surgery and angioplasty).

**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).

**Arlene Katz, PhD**
Dr. Katz is an instructor in the Department of Global Health and Social Medicine and consultant in qualitative/ethnographic research at the Center for Multicultural Research at Cambridge Health Alliance. Her main research interests include the culture of medicine, qualitative methods in multicultural mental health, disparities in vulnerable populations, maternal and infant health, and ageism and stereotyping. Dr. Katz is also interested in mental health in primary care, the moral dimensions of care, social suffering, 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.

**Salmaan Keshavjee, MD, PhD**
Dr. Keshavjee is assistant professor in social medicine and in medicine at Harvard Medical School and a physician in the Division of Global Health Equity at the Brigham and Women's Hospital. He conducted doctoral research in medical anthropology at Harvard University on the health transition in post-Soviet Tajikistan. Over the last 10 years, he has worked with the Division of Global Health Equity and Partners In Health on the implementation of a multidrug-
resistant TB treatment program in Tomsk, Russia, and a program to treat patients coinfected with HIV and multidrug-resistant TB in Lesotho. He recently served as chair of the WHO Green Light Committee Initiative, which helps countries gain access to high-quality second-line anti-TB drugs so they can provide treatment for people with multidrug-resistant tuberculosis in line with the WHO guidelines, the latest scientific evidence, and country experiences. In 2010-11, Dr. Keshavjee is taking on directorship of the Program in Infectious Disease and Social Change.

**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, workforce diversity, 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, New England Region One, and as a commander in the US Public Health Service, US Department of Health and Human Services. 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, M.D.**

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. Dr. Kleinman is engaged in writing and editing collaborative volumes on Japanese Medical Atrocities in China during World War II; Deep China: Remaking the Moral Person in Chinese Society Today; The Governance of Life in Chinese Moral Experience; and Mental Illness and Substance Abuse in Africa. He is a member of the Global Health Committee in the Faculty of Arts and Sciences and coteaches 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).

**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 and health and competitiveness at the Mexican Health Foundation. As a result of her personal experience, she founded Cáncer de Mama: Tomatel 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 on her life with breast cancer, *Tómatelo a Pecho*, was...
released in October 2009. 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 120 publications, including articles in peer-reviewed journals, several books, and book chapters. In 2006, she was awarded 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 is an assistant professor of medicine at Massachusetts General Hospital (MGH), instructor in global health and social medicine at Harvard Medical School, and director of international programs at the HMS Center for Palliative Care. At MGH, he is attending physician on the General Medical Unit and Palliative Care Service and cochair of the Optimum Care Committee (ethics committee). Dr. Krakauer is currently assisting Vietnam’s Ministry of Health to integrate pain-relief palliative care into that country’s national health care system. His current research focuses on clinical and policy aspects of palliative care for poor and medically underserved populations, clinical and ethical issues in end-of-life care, and clinical education in Vietnam.

**Joan Kaufman, MA, MS, ScD**

Dr. Kaufman teaches, advises, and 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 marshalling 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.

**Sing Lee, MB BS**
Dr. Lee is a lecturer on social medicine. Formerly a Freeman Foundation fellow in the Department of Social Medicine, Dr. Lee has worked on mental health extensively in both the United States and abroad, including universities in Hong Kong. Dr. Lee’s principal research interest centers on mental health and social change in Chinese society. He has studied eating disorders, neurasthenia, somatization, disorders of emotion, stigma, suicide, and psychiatric classification in China and Hong Kong.

**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, truth telling in medicine, religion and medicine, and research ethics.

**Roberto Lewis-Fernández, PhD**
Dr. Lewis-Fernández is an associate 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. His work has been funded by the National Institutes of Mental Health, the American Red Cross, and private foundations, including the National Alliance for Research on Schizophrenia and Depression. 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 anaesthesia 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 the 1997–98 academic year, 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 instructor in global health and social medicine. As a health economist, Dr. Lu is engaged in research in five general areas related to the Global Health Delivery program: tracking, measuring, and analyzing national and global resource inputs for health; investigating the relationship between global health aid and health system strengthening; evaluating health system performance and the impact of health programs on inequality of health, health care utilization, and household catastrophic health spending; estimating the economic burden of disease and economic benefits of treating disease; and developing methodologies, measurements, and information-collecting technology that facilitate comparative analysis for evaluation research.

**Christine Mitchell, RN, MS, MTS, FAAN**
Ms. Mitchell is 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. Ethics consult documentation software (ECWeb) is currently being considered by Harvard's Ethics Leaders Group 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. Dr. Mitnick’s 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 improve treatment outcomes for susceptible and resistant disease. Finally, she is testing bacteriologic indicators of treatment response that could be used to reduce the required sample size or shorten phase III trials of antituberculosis agents. All of Dr. Mitnick’s efforts are aimed at building the evidence base for changes in policies that govern 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.
Virginia Moreira, PhD
Dr. Moreira is a professor of clinical psychology and phenomenological psychopathology in the postgraduate program of psychology at Universidade de Fortaleza, in Brazil, where she is cochair of APHETO – Laboratory of Psychopathology and Critical Humanist-Phenomenological Psychotherapy. Her research focuses on the interconnectedness between culture and mental illness, using Merleau-Ponty’s phenomenology as a lens through which to understand the lived experience of mental illness. Dr. Moreira’s research integrates phenomenological and ethnographical approaches in order to encompass cultural and transcultural aspects of the lived world of mental illness. She is a member of the University Association for Research in Fundamental Psychopathology and, as a psychotherapist, she is a clinical supervisor accredited by the Sociedad Chilena de Psicología Clínica, in Chile. Dr. Moreira has published four books and several articles about humanist-phenomenological clinics and transcultural psychopathology. She is a former Fulbright visiting professor in the Department of Global Health and Social Medicine at Harvard Medical School.

Joia Mukherjee, MD, MPH
Dr. Mukherjee is an associate professor in the Division of Global Health Equity at Brigham and Women’s Hospital. She trained in infectious disease, internal medicine, and pediatrics at Massachusetts General Hospital and has an MPH from the Harvard School of Public Health. Dr. Mukherjee has been involved in health care access and human rights issues since 1989 in the United States, Africa, Latin America, the Caribbean, and the countries of the former Soviet Union. Since 2000, she has served as the medical director of Partners In Health, an international medical nonprofit with clinical programs in Haiti, Rwanda, Burundi, Malawi, Lesotho, Peru, Mexico, Russia, Kazakhstan, and inner-city Boston. Dr. Mukherjee consults for the World Health Organization on the treatment of HIV and multidrug-resistant tuberculosis in developing countries. Her scholarly work focuses on the human rights aspect of HIV treatment and on the implementation of complex 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 an associate professor 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), both in 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 MDRTB 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. He is also involved in NIH- and Gates-funded research with Prof. David Edwards of the Harvard School of Engineering and Applied Sciences, attempting to develop novel dry powder inhaled TB drugs. A Gates-funded phase I clinical trial of dry powder inhaled capreomycin was recently completed at BWH. Ongoing experiments are studying the impact of inhaled TB drugs on transmission.
Another long-standing research avenue is the application of germicidal irradiation to reduce airborne transmission. Dr. Nardell is 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. He plans to work on developing improved UV fixtures to be manufactured and used in poor settings. Plans are also under way to test a novel, environmentally safe chemical vapor that may be effective in reducing airborne transmission. Finally, he is working with the Centers for Disease Control and Prevention on a possible clinical trial of BCG vaccination to protect health care workers visiting area endemic for MDRTB.

Michael Nurok, MD, PhD
Dr. Nurok is a sociologist and physician interested in the social conditions that allow for the development of high-technology care. He works clinically in the areas of cardiac and thoracic anesthesia and critical-care medicine, concentrating on the care of patients undergoing complex heart and lung operations, including transplants and mechanical-assist devices, in both the operating room and intensive-care units. This focus on high-technology medicine brings about an inevitable interest in medical ethics and the impact of social interactions among clinicians, patients, and their families on outcomes.

Nancy Oriol, MD
Dr. Oriol is HMS’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. 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 Comienza 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).

**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 director of the Center for the History of Medicine at the Countway Library. He has previously coauthored (with Alfred Tauber) *Generation of Diversity: Clonal Selection Theory and the Rise of Molecular Immunology* (Harvard University Press, 1997); authored *Pneumonia before Antibiotics: Therapeutic Evolution and Evaluation in Twentieth-Century America* (Johns Hopkins University Press, 2006); and coauthored (with Charles Bryan) *Oliver Wendell Holmes: Physician and Man of Letters* (Science History Publications, 2009). His current research, concerning the advent of “therapeutic rationalism” as mediated by concerns about antibiotic usage over the past half-century, looks at the evolving interactions among physicians, patients, pharmaceutical companies, governmental agencies, and therapeutic reformers throughout this period.

**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. A side interest is hierarchies of authority and respect among all levels of medical practitioners. 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 Division of Medical Ethics and attends as a staff neonatologist at Children’s Hospital Boston (CHB). He directs the Responsible Conduct of Research courses
and curriculum for Harvard Medical School and CHB and is a steering committee member for Harvard University’s Program in Ethics and Health. 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 are broadly focused on the ethical and social determinants of newborn and infant survival across countries and cultures. Within the Department, Dr. Sayeed is leading a new interdisciplinary scholarly initiative, the Program in Newborn Health and Social Change, which seeks to attract students, trainees, and faculty to work together to improve local capacity to deliver advanced neonatal care with global partners.

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 entitled “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 serves as the co–principal investigator of an NIH-funded research study entitled “Psychosocial Intervention in HIV-Affected Children in Haiti.”

Mildred Z. Solomon, EdD
Prof. Solomon, an 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. Her work focuses on the ethics of end-of-life care for children and adults, organ donation, and protection of human research participants both in the United States and in the developing world. As a social scientist, she conducts health services research, focused primarily on 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, a professor of anesthesia (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. During the 2010–11 academic year, Dr. Truog is acting director of 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; and development of a standardized measure of social integration for persons who have been disabled by severe mental illness.