

Ezekiel J. Emanuel, MD, PhD, is the Vice Provost for Global Initiatives, the Diane v.S. Levy and Robert M. Levy University Professor, and Chair of the Department of Medical Ethics and Health Policy at the University of Pennsylvania. He is also an Op-Ed contributor to the *New York Times*.

He was the founding chair of the Department of Bioethics at the National Institutes of Health and held that position until August of 2011. Until January 2011, he served as a Special Advisor on Health Policy to the Director of the Office of Management and Budget and National Economic Council. He is also a breast oncologist and author.

After completing Amherst College, he received his M.Sc. from Oxford University in Biochemistry. He received his M.D. from Harvard Medical School and his Ph.D. in political philosophy from Harvard University. His dissertation received the Toppan Award for the finest political science dissertation of the year. In 1987-88, he was a fellow in the Program in Ethics and the Professions at the Kennedy School of Government at Harvard.

After completing his internship and residency in internal medicine at Boston's Beth Israel Hospital and his oncology fellowship at the Dana-Farber Cancer Institute, he joined the faculty at the Dana-Farber Cancer Institute. Dr. Emanuel was an Associate Professor at Harvard Medical School before joining the National Institutes of Health.

Dr. Emanuel has authored 6 books and co-edited 7 books. His most recent book, Reinventing American Health Care (March 2014), provides an in-depth description of the American health care system and projects the future of medicine. In the previous year, he released Brothers Emanuel: A Memoir of An American Family. Other publications include The Oxford Textbook of Clinical Research Ethics, edited by Dr. Emanuel and members of the NIH Department of Bioethics and Healthcare, Guaranteed, Dr. Emanuel's own recommendations for health care reform and, Exploitation and Developing Countries. His book on medical ethics, The Ends of Human Life, has been widely praised and received honorable mention for the Rosenhaupt Memorial Book Award by the Woodrow Wilson Foundation. Dr. Emanuel has also published No Margin, No Mission: Health-Care Organizations and the Quest for Ethical Excellence and co-edited Ethical and Regulatory Aspects of Clinical Research: Readings and Commentary.

Dr. Emanuel developed The Medical Directive, a comprehensive living will that has been endorsed by *Consumer Reports on Health*, *Harvard Health Letter*, the *New York Times*, *Wall Street Journal*, and many other publications. He has published over 250 peer-reviewed articles on the ethics of clinical research, health care reform, international research ethics, end of life care issues, euthanasia, the ethics of managed care, and the physician-patient relationship. His work is featured in the *New England Journal of Medicine*, the *Lancet*, *JAMA*, and many other medical journals.

He has received numerous awards including election to the Institute of Medicine (IOM) of the National Academy of Science, the Association of American Physicians, and the Royal College of Medicine (UK). Hippocrates Magazine selected him as Doctor of the Year in Ethics. He received the AMA-Burroughs Wellcome Leadership Award, the Public Service Award from the American Society of Clinical Oncology, the John Mendelsohn Award from the MD Anderson Cancer Center, and a Fulbright Scholarship (which he declined). In 2007, Roosevelt University presented Dr. Emanuel with the President's Medal for Social Justice.

Dr. Emanuel currently serves as Chair of the meta-council on The Future of Health Committee for the World Economic Forum. He has served on President Clinton's Health Care Task Force, the National Bioethics Advisory Commission (NBAC), and on the bioethics panel of the Pan-American Healthcare Organization. {PRIVATE } Dr. Emanuel has been a visiting professor at numerous universities and medical schools, including the Brin Professor at Johns Hopkins Medical School, the Kovtitz Professor at Stanford Medical School, the University of Pittsburgh School of Medicine, UCLA, and a visiting professor at New York University Law School.