## FRANKLIN G. MILLER, Ph.D.

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### **EDUCATION**

- 1977 Columbia University, Ph.D. in philosophy. Dissertation: A Theory of Political Obligation, an inquiry into the grounds for a moral obligation to obey the law; awarded Distinction. Specialized in ethics and political philosophy.
- 1971 Columbia College, B.A., majored in philosophy.

### PROFESSIONAL EXPERIENCE

### Current Position

2014-	Professor of Medical Ethics in Medicine (Courtesy) Weill Cornell Medical College		
2015-	Adjunct Faculty, Department of Bioethics, National Institutes of Health		
Previous Position			
1999-2015	Senior faculty, Department of Bioethics, National Institutes of Health; special expert Intramural Research Program, National Institute of Mental Health.		
Teaching			
2001-2003	Bioethics seminar for Faculty Associates, Division of Medical Ethics, Cornell University Medical School		
June 2001, June 2007	Small group leader, Kennedy Institute of Ethics, Intensive Bioethics Course		
1999-2009	Seminar for NIMH psychiatric research fellows on the ethics of psychiatric research. Awarded 2002 Alan Stoudemire Award for Innovation and Excellence in Consultation-Liaison Education.		
1990-1999	Associate Professor of Medical Education (from 7/1/97)		

	University of Virginia, Center for Biomedical Ethics. Courses taught included: Foundations of Bioethics, Bioethics Internship Seminar, Introduction to Clinical Ethics, Clinical Ethics Proseminar, Figures and Traditions in Philosophical and Religious Ethics, History of Bioethics via the Great Cases, and Issues in Bioethics.
1998	The New York Hospital-Cornell Medical Center, Advanced Seminar in Medical Ethics.
1975-76	Kean College of New Jersey, taught course on philosophy of law.
1973-74	Columbia University, School of General Studies, taught course on introduction to moral philosophy.

# Consultation in Biomedical Ethics

2016-17	Member of Planning Group and Writing Group for NIH Consultation on the Ethics of ZIKV Human Challenge Trials
2015-	Ethics consultant, Jewish Social Service Agency Hospice Program
2012-2015	Member of Data Safety and Monitoring Board, NIMH Intramural Research Program
9/1/12-2013	Member of Data Safety and Monitoring Board, PITCH-HF, National Heart, Lung, and Blood Institute
3/5/08-2010	Member of Protocol Review Committee, Cardiothoracic Surgical Trials Network, National Heart, Lung, and Blood Institute
2/8/08	Member of NIH Study Section, Research on Ethical Issues in Human Studies
2007-2012	Member of Data Safety Monitoring Committee, Comparison of Age-related Macular Degeneration Treatment Trials, National Eye Institute
1991-2006	Member of Institutional Review Board, National Institute of Mental Health.
2007-2012	Member of CNS Institutional Review Board, Intramural Research Program, National Institutes of Health
2012-2014	Member of NHLBI Institutional Review Board,

	Intramural Research Program, National Institutes of Health
1990-2010	Member of Ethics Committee, Clinical Center, National Institutes of Health.
2001-2004	Member of Data Safety and Monitoring Board, National Institute of Mental Health
1/9/04	Member, Protocol Review Committee for the Coronary Revascularization in Diabetic Patients with Multivessel Disease Trial, sponsored by the National Heart, Lung, and Blood Institute.
1995-2003	Member of Ethics Committee, Jewish Social Service Agency of Metropolitan Washington, Home Care Services and Hospice.
1997-2000	Member of Data Safety and Monitoring Board for Clinical Studies of Chronic Lyme Disease, sponsored by National Institute of Allergy and Infectious Diseases.
1996-1998	Consultant Ethicist to The New York Hospital: consultation in research and program planning concerning improving the care of hospitalized dying patients.
4/6/98	Member of NIAID Expert Panel on Effects of Donor Pool Size on Safety and Efficacy of Immunoglobulin Products.
1993-97	Member of Data Safety and Monitoring Board for clinical trial of HIV Hyperimmune globulin in HIV-infected pregnant woman to prevent vertical transmission of HIV, sponsored by National Heart, Lung, and Blood Institute.
6/26/95	Member of Ad Hoc Panel to Review Randomized Clinical Trial of T-cell Depletion in Unrelated Donor Marrow Transplantation, convened by National Heart, Lung, and Blood Institute.
1988-90	Counselor to Biomedical Ethics Program, University of Virginia: help in organizing a Center for Biomedical Ethics, program development, and financial planning.
1985-90	Member of Institutional Review Board, National Institute of Child Health and Human Development.

#### Planning and Program Development

1977-82 Vera Institute of Justice, New York City, Project Director from 1979-82, Senior Planner from 1977-79: responsible for planning, technical assistance, program development, and research in child welfare and juvenile justice.

## PUBLICATIONS

## Articles

Grady C, ... Miller FG, et al. So much at stake: ethical tradeoffs in accelerating SARS CoV-2 vaccine development. *Vaccine* 2020, in press.

Shah SK, Lynch HF, **Miller FG**. The role of community engagement in addressing bystander risks in research: the case of a Zika virus controlled human infection study. *Bioethics* 2020 in press.

Halpern SD, Truog RD, **Miller FG**. Cognitive bias and public health policy during the COVID-19 pandemic. *JAMA* 2020.

Fins JJ, **Miller FG**. Proportionality, pandemics, and medical ethics. *American Journal of Medicine* 2020.

Nair-Collins M, **Miller FG**. Current practice diagnosing brain death is not consistent with legal statutes requiring the absence of all brain function. *Journal of Intensive Care Medicine* 2020, in press.

Kaptchuk TJ, Hammond CC, **Miller FG**. Placebos in chronic pain: evidence, theory, ethics, and use in clinical practice. *BMJ* 2020, in press.

Bernstein MH, ... **Miller FG**, ... Primary care providers' use of and attitudes towards placebos: an exploratory focus group study with US physicians. *British Journal of Health Psychology* 2020, in press.

Miller FG. The ethics of everyday life in the midst of a pandemic. *Hastings Center Report* 2020; 50 (3):6-7.

Shah SK, Miller FG, Darton TC, et al. Ethics of controlled human infection to address COVID-19. *Science* 2020; 368:832-4.

Halpern SD, Miller FG. The urge to build intensive care unit beds and ventilators: intuitive but errant. *Annals of Internal Medicine* 2020, in press.

Miller FG. Bioethics as a vocation. Perspectives in Biology and Medicine, 2020;63:429

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**Miller FG**. Revisiting the distinction (and the connection) between research and practice. *Perspectives in Biology and Medicine*. 2020;63:277-292.

Hendriks S, . . . **Miller FG**, et al.. Ethical challenges of risk, informed consent, and posttrial responsibilities in human research with neural devices: a review. *JAMA Neurology* 2019, in press.

Kaptchuk TJ, **Miller FG**. Open label placebo: can honestly prescribed placebos evoke meaningful therapeutic benefit? *BMJ* 2018.

Miller FG. On collaboration in bioethics scholarship. *Perspectives in Biology and Medicine* 2019;62:31-40.

Jansen LA, Wall S, **Miller FG**. Drawing the line on physician-assisted death. *Journal of Medical Ethics* 2019;45:190-7.

Miller FG, Reining in the placebo effect. Perspectives in Biology and Medicine 2018;61:335-48.

**Miller FG**, Dickert N. The ethics of study design and conduct in cardiology: the limits and hazards of clinical equipoise. *JAMA Cardiology* 2018;3:791-2.

Shah SK, . . . **Miller FG**, et al. Bystander risk, social value, and ethics of human research. *Science* 2018;368:158-9.

Dickert NW, **Miller FG**. Sham-controlled trials for coronary interventions: Ethically acceptable and ethically important. *Journal of the American College of Cardiology* 2018;71:95-7.

McGee A, Miller FG. Advice and care for patients who die by voluntarily stopping eating and drinking is not assisted suicide. *BMC Medical Care* 2017;17:222.

Dickert NW... Miller FG et al. Reframing consent for clinical research: a function-based approach. *American Journal of Bioethics* 2017; 17:3-11.

Nair-Collins M, **Miller FG**. Do the 'brain dead' merely appear to be alive? *Journal of Medical Ethics* 2017;43:747-53.

Nugent AC, **Miller FG**. The ethics of clinical trials research in severe mood disorders. *Bioethics* 2017;31:443-53.

Charlesworth JEG, . . . **Miller FG**, et al. Effects of placebo without deception compared with no treatment: A systematic review and meta-analysis. *Journal of Evidence Based Medicine* 2017;10:97-107.

**Miller FG**, Appelbaum PS. Physician-assisted death for psychiatric patients—misguided public policy. *New England Journal of Medicine* 2018;378:883-5.

Miller FG. Challenging the conventional wisdom: from philosophy to bioethics. *Perspectives in Biology and Medicine* 2017;60:3-18.

**Miller FG**. Should a legal option of physician-assisted death include those who are "tired of life"? *Perspectives in Biology and Medicine*. 2016;59:351-63.

**Miller FG**. Henry Beecher and consent to research: a critical re-examination. *Perspectives in Biology and Medicine* 2016;59:78-94.

Barnhill A, Joffe S, Miller FG. The ethics of infection challenges in primates. *Hastings Center Report* 2016;46(4):20-26.

Nugent AC, ... **Miller FG**, et al. Safety of research into severe and treatment-resistant mood disorders: analysis of outcome data for 12 years of clinical trials at the US National Institute of Mental Health. *Lancet Psychiatry* 2016;3:436-42.

Cassel JB, ... Miller FG. Phase 1 cancer trials and palliative care: antagonism, irrelevance, or synergy? *Journal of Pain and Symptom Management* 2016;52:437-45.

Rid A, **Miller FG**. Rationale for the Ebola "ring vaccination" trial design. *American Journal of Public Health* 2016;106:432-5.

Miller FG. On changing one's mind in bioethics, *Perspectives in Biology and Medicine* 2015;58:507-17.

Colloca L, ... **Miller FG**, et al. Vasopressin boosts placebo effects in women: a randomized trial. *Biological Psychiatry* 2016;79:794-802.

Kim S, **Miller FG**. Ethical complexities in standard of care randomized trials: a case study of morning versus nighttime dosing of blood pressure drugs. *Clinical Trials* 2015;12:557-63.

Nayak R, Wendler D, **Miller FG**, Kim S. Pragmatic trials without standard informed consent: a national survey. *Annals of Internal Medicine* 2015;163:356-64.

Dickert N, **Miller FG**. Involving patients in enrollment decisions for acute myocardial infarction trials. *BMJ* 2015;July 29; 351:h3791.

Kaptchuk TJ, Miller FG. Placebo effects in medicine. New England Journal 2015;373:8-9.

Barnhill A, **Miller FG**. The ethics of placebo treatments in clinical practice: a reply to Glackin. *Journal of Medical Ethics* 2015;41:673-76.

du Toit J, **Miller FG**. The ethics of continued life-sustaining treatment for those diagnosed as brain dead. *Bioethics* 2016;30:151-8.

Miller LR, **Miller FG**. Understanding placebo effects: implications for nursing practice. *Nursing Outlook* 2015;63:601-6.

Miller FG, Kim SYH. Personal care in learning health care systems. *Kennedy Institute of Ethics Journal* 2015;25:419-35.

Kim S, **Miller FG**. Varieties of standard-of-care treatment randomized trials: ethical implications. *JAMA* 2015;313:895-6.

Annoni M, Miller FG. Placebos in clinical practice: an overview, *Douleur et Analgesie*, in press.

Annoni M, **Miller FG**. The ethics of therapeutic communication: a pragmatic perspective, *Kennedy Institute of Ethics* 2016;26: 79-103.

Miller FG, Joffe S, Kesselheim A. Evidence, errors, and ethics. *Perspectives in Biology and Medicine* 2014;57:299-307.

Colloca L, Jonas WB, Killen J, **Miller FG**, Shurtleff D. Reevaluating the placebo effect in medical practice. *Z Psychology* 2014;222(3):124-7.

Kim S, Miller FG. Waivers and alterations to consent in pragmatic trials. IRB 2016;38(1):1-5.

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Barnhill A, **Miller FG**. Placebo and deception: a commentary. *Journal of Medicine and Philosophy* 2015;40:69-82.

Moustgaard H, . . . **Miller FG**, et al. Outcome classification in randomised clinical trials: definitions of subjects and objective outcomes differed in methods publications but were absent from trial reports. *Journal of Clinical Epidemiology* 2014;67:1327-34.

Geers A, **Miller FG**. Understanding and translating knowledge about placebo effects: the contribution of psychology. *Current Opinion in Psychiatry* 2014;27:326-31.

Joffe S, **Miller FG**. The ethics of cancer clinical trials in low-resource settings. *Journal of Clinical Oncology* 2014;32:3192-6.

Truog RD, **Miller FG**. The meaning of brain death: a different view. *JAMA Internal Medicine* 2014;174:1215-6.

Truog RD, **Miller FG.** Defining death: the importance of scientific candor and transparency. *Intensive Care Medicine* 2014;40:885-7.

Truog RD, **Miller FG**. Changing the conversation about brain death. *American Journal of Bioethics* 2014;14(8):9-14.

Shah SK, Kasper K, **Miller FG**. A narrative review of the empirical evidence on public attitudes on brain death and vital organ transplantation: the need for better data to inform policy. *Journal of Medical Ethics* 2015;41:291-6.

Dickert NW, **Miller FG**. Learning from FAME: The need for sham controls in trials of stable coronary disease. *JACC: Cardiovascular Interventions* 2014;7:342-4.

Nayak RK, Pearson SD, **Miller FG**. Cost-related motivations for conducting research: participants should be informed, *JAMA* 2014;311:1491-2.

Kim S, **Miller FG**. Informed consent for pragmatic randomized clinical trials: the integrated consent model, *New England Journal* 2014;370:769-772.

**Miller FG**. The Stateville Penitentiary malaria experiments: a case study in retrospective ethical assessment, *Perspectives in Biology and Medicine* 2013;56:548-67.

Wendler D, **Miller FG**. The ethics of peer review in bioethics, *Journal of Medical Ethics* 2014;40:697-701.

Truog RD, **Miller FG**, Halpern S. The dead donor rule and the future of organ donation, *New England Journal* 2013;369:1287-9.

Miller FG. Clinical research before informed consent. *Kennedy Institute of Ethics Journal* 2014;24:141-57.

Brody H, Miller FG. The research/clinical practice distinction, learning health systems, and relationships. Hastings Center Report 2013;43(4):41-7.

Hull S, ... **Miller FG**. A survey of patients' attitudes about the use of placebo treatments, *BMJ* 2013;346:f3757 doi: 10.1136/bmj.f3757.

Miller FG. Two philosophical deaths: Hume and Hitchens, *Perspectives in Biology and Medicine* 2013;56:251-58.

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**Miller FG**, Joffe S. Phase 1 oncology trials and informed consent, *Journal of Medical Ethics* 2013;39:761-4.

**Miller FG**. The enduring legacy of sham-controlled trials of internal mammary artery ligation, *Progress in Cardiovascular Diseases* 2012;55:246-50.

Sommers R, **Miller FG.** Forgoing debriefing in deceptive research: is it ever ethical? *Ethics and Behavior* 2013;23:98-116.

Rhodes K, **Miller FG.** Simulated patient studies: an ethical analysis, *Milbank Quarterly* 2012;90:706-24.

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Brody H, Colloca L, **Miller FG**. The placebo phenomenon: implications for the ethics of shared decision-making. *Journal of General Internal Medicine* 2012;27:739-42.

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Sinnot-Armstrong W, **Miller FG**. Why killing by itself is not morally wrong. *Journal of Medical Ethics* 2013;39:3-7.

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Largent E, Grady C, **Miller FG**, Wertheimer A. Money, coercion, and undue inducement: attitudes about payment to research participants, *IRB* 2012;34(1):1-8.

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**Miller FG**, Pearson SD. Linking insurance coverage for innovative invasive procedures with participation in clinical research, *JAMA* 2011;306:2024-5.

Shah SK, Truog RD, **Miller FG**. Death and legal fictions. *Journal of Medical Ethics* 2011;37:719-22.

Colloca L, **Miller FG**. The nocebo effect and its relevance for clinical practice. *Psychosomatic Medicine* 2011;73:598-603.

**Miller FG**. Dispensing with equipoise. *American Journal of the Medical Sciences* 2011;342:276-81.

**Miller FG**. Research and complicity: the case of Julius Hallervorden. *Journal of Medical Ethics* 2012;38:53-56.

**Miller FG**, Joffe S. Balancing access and evaluation in the approval of new cancer drugs. *JAMA* 2011;305:2345-6.

**Miller FG**, Wertheimer A. The fair transaction model of informed consent: an alternative to autonomous authorization, *Kennedy Institute of Ethics Journal* 2011;21:201-18.

Lie RK, **Miller FG**. What counts as reliable evidence for public health policy: the case of circumcision for preventing HIV infection. *BMC Medical Research Methodology* 2011;11:34.

**Miller FG**, Colloca L. The placebo phenomenon and medical ethics: rethinking the relationship between informed consent and risk-benefit assessment. *Theoretical Medicine and Bioethics* 2011;32:229-43.

**Miller FG**, Kallmes DF, Buchbinder R. Vertebroplasty and the placebo response. *Radiology* 2011;259:621-5.

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Colloca L, Miller FG. Role of expectation in health. *Current Opinion in Psychiatry* 2011;24:149-55.

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**Miller FG**, Joffe S. Equipoise and the randomized clinical trial dilemma. *New England Journal of Medicine* 2011;364:476-80.

Largent E, Joffe S, **Miller FG**. Can research and care be ethically integrated? *Hastings Center Report* 2011;41(4):37-46.

Kaptchuk TJ, ... Miller FG, et al. Placebos without deception: a randomized controlled trial in irritable bowel syndrome, *PLoS One* 2010;5(12):e15591.

Litton P, **Miller FG**. What do physicians-investigators owe patients who participate in research? *JAMA* 2010;304:1491-2.

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**Miller FG**, Kallmes DF. The case of vertebroplasty trials: promoting a culture of evidencebased procedural medicine. *Spine* 2010;35:2023-26.

Lev O, **Miller FG**, Emanuel EJ. The ethics of research on enhancement interventions. *Kennedy Institute of Ethics Journal* 2010;20:101-13.

Resnik DB, **Miller FG**. The ethics of sham surgery on research subjects with cognitive impairments that affect decision-making capacity. *Contemporary Clinical Trials* 2010;31:407-10.

Miller FG, Truog RD. Decapitation and the definition of death, *Journal of Medical Ethics* 2010;36:632-4.

Shah S, **Miller FG**. Can we handle the truth? Legal fictions in the determination of death, *American Journal of Law and Medicine* 2010;36:540-585.

Tilburt JC, **Miller FG**, et al. Factors that influence practitioners' interpretation of evidence from alternative medicine trials: a factorial vignette experiment embedded in a national survey. *Medical Care* 2010;48:341-8.

**Miller FG**, Brody H. Understanding and harnessing the placebo effect: clearing away the underbrush. *Journal of Medicine and Philosophy* 2011;36:69-78.

Largent EA, Wendler D, Emanuel EJ, **Miller FG**. Is Emergency research without initial consent justified? The consent substitute model. *Archives of Internal Medicine* 2010;170:668-74.

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Finniss DG, Kaptchuk TJ, **Miller F**, Benedetti F. Placebo effects: biological, clinical, and ethical advances, *Lancet* 2010;375:686-95.

Curlin FA, Rasinski KA, Kaptchuk TJ, Emanuel EJ, **Miller FG**, Tilburt JC. Religion, clinicians, and the integration of complementary and alternative medicine. *Journal of Complementary and Alternative Medicine* 2009;15:987-94.

**Miller FG**, Truog RD, Brock DW. The dead donor rule: can it withstand critical scrutiny? *Journal of Medicine and Philosophy* 2010;35:299-312.

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**Miller FG**, Truog RD, Brock DW. Moral fictions and medical ethics. *Bioethics* 2010;24;453-60; reprinted in *Bioethics: An Anthology*, 3d edition, ed. by H. Khuse, U. Schuklenk, and P. Singer, John Wiley & Sons, Inc., 2016.

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Miller FG. Re: The ethics of death-hastening or death-causing palliative analgesic administration. *Journal of Pain and Symptom Management*. 1997;14:2.

Miller FG. Re: Female genital surgeries. Hastings Center Report, 1997;27(2).4.

Miller FG. Euthanasia and physician-assisted suicide in the Netherlands. *New England Journal of Medicine*. 1997;336:1386.

Fins JJ, Miller FG. Hanging a morphine drips. Journal of Palliative Care. 1997;13:52.

Miller FG, Fletcher JC. Criticism or caricature. Hastings Center Report. 1995;25(2):3.

Caplan AL, **Miller FG**, Fletcher JC. Bioethics in Washington: yes, but how? *JAMA* 1994:272:1323.

Miller FG. Euthanasia: still open for debate. Journal of Clinical Ethics. 1992;3:247-8.

**Miller FG**. Importance of understanding suffering for clinical ethics. *Journal of Clinical Ethics*. 1991;2:290-1.

Miller FG. Ethics is everybody's concern. Journal of Clinical Ethics. 1990;1:326-7.

#### **Other Publications**

Fried, C. *Medical Experimentation, New Edition.* Edited, with an introduction by **F.G. Miller** and A. Wertheimer. Oxford University Press, 2016.

Miller FG, Grady C. In Memoriam: Alan Wertheimer. Hastings Center Report 2015; 45(2):6.

Childress JF, Miller FG. In Memoriam: John C. Fletcher. *Hastings Center Report*. 2004;34(4):49.

**Miller FG**. John Fletcher, In Memorial. American Philosophical Association, Newsletter on Philosophy and Medicine. 2004;4(1).

#### PRESENTATIONS

"Therapeutic misconception and informed consent," conference "Ethical Issues in Research with Invasive and Non-Invasive Neural Devices in Humans," National Institutes of Health, October 26, 2017. Seminar on Research Ethics, Division of Medical Ethics, Weill Cornell Medical College, February 15, 2017.

Panel on consent and internet research, Ethics Grand Rounds, National Institutes of Health, December 7, 2016.

"Placebos in research and practice," University of Marburg, seminar for medical students, Kleinwalsertal, Austria, September 28, 2015.

"On Collaboration," The Frontiers of Bioethics: a conference honoring the career and collaborations of Franklin G. Miller, National Institutes of Health, May 29, 2015.

"Comparative Effectiveness Trials and Informed Consent," Workshop, "Risk-adapted approaches to regulating health research: ethical challenges," Kings College London, April 20, 2015.

"Determination of Death and Organ Transplantation," Department of Bioethics, NIH, Fellows seminar, April 15, 2015; November 16, 2015; April 12, 2017.

"Comparative Effectiveness Trials and Informed Consent," NIH Human Subjects Research Course, October 29, 2014.

"Phase I oncology trials and informed consent," Brocher Foundation symposium on "Recent developments in phase 1 oncology trials," Hermance, Switzerland, July 15, 2014.

"Infection challenge studies: an ethical perspective, NIAID/FDA Workshop on Dengue human infection model, Rockville, MD, April 3, 2014.

"Crisis in the ethics of vital organ donation," George Washington University Ethics Committee Retreat, March 26, 2014.

"Placebos and the ethics of therapeutic communication," Symposium on Placebo Effects in Guidelines, Practice, and Patient Choice, Boston, December 10, 2013.

"Research without consent: the case of 'mystery shopper' studies," panel on the Ethics of Research without Consent, Advancing Ethical Research Conference, Public Responsibility in Medicine and Research, Boston, November 8, 2013.

"Ethics of single-blind trials in biomedicine," symposium on "When Less Information is better: blinding as a solution to institutional corruption," The Edmond J. Safra Center for Ethics at Harvard, November 1, 2013.

"Crisis in the ethics of vital organ donation: Where do we go from here?" Workshop on The importance of being dead—The dead donor rule and ethics of transplantation medicine, Center for Interdisciplinary Research, University of Bielefeld, Bielefeld Germany, September 14, 2013.

"Deception and research: ethics and regulation," NHGRI IRB retreat, NIH Clinical Center, June 13, 2013.

"Placebo-controlled trials without informed consent: What were they thinking?" Panel on RCTs and Informed Consent, Princeton University, April 25, 2013.

"Limits to Research Risks," George Mason University, March 7, 2014; April 5, 2013.

"Abandoning the Dead Donor Rule," Society for Thoracic Surgeons annual meeting, Los Angeles, CA, January 29, 2013.

"Simulated Patient Studies," Division of Medical Ethics, Cornell Medical School, January 17, 2013.

"Limits to risks in research with healthy volunteers," Advanced Research Ethics workshop, PRIM&R annual meeting, San Diego, CA, 12/3/12.

"Placebo-controlled trials before informed consent: What were they thinking?" Program in Placebo Studies, Beth Israel Deaconess Medical Center, Harvard University, October 25, 2012.

"Doctors must not Kill," panel presentation at annual meeting of American Society for Bioethics and the Humanities, Washington, D.C., October 19, 2012.

"Sham-controlled trials: an ethical perspective," Gastroenterology and Urological Devices Panel of the FDA Medical Devices Advisory Committee, Gaithersburg, MD, May 10, 2012.

"Data Safety and Monitoring Boards: An Ethical Perspective," "Limits to Risks in Research with Healthy Volunteers," "Therapeutic Orientation to Clinical Trials," Ewha-NIH Intensive Course in Human Subject Research Ethics, Seoul, South Korea, March 19-22, 2012.

"Research without consent: the case of mystery shopping studies," conference on Rethinking the Ethics of Clinical Research, Duke University, Durham, North Carolina, February 24, 2012.

"Legitimacy of Placebo Treatments," Placebo Conference, sponsored by Samueli Institute, Bethesda, Maryland, January 20, 2012.

"Placebo treatments in clinical practice: ethical issues," Healing and Placebo panel discussion, Embassy of Italy, January 20, 2012.

"Dispensing with equipoise," Advanced Research Ethics, PRIM&R, National Harbor, MD, December 1, 2011.

"Sham-controlled trials—ethical and policy considerations," conference on Device development in obesity, sponsored by FDA and Massachusetts General Hospital, Bethesda, Maryland, October 17, 2011.

"Organ Donation Without the Dead Donor Rule," University of Marburg, seminar on death, organ donation, and ethics, Kleinwalsertal, Austria, October 3, 2011.

"The Therapeutic Misconception and Informed Consent," Grand Rounds, Clinical Center, NIH, August 31, 2011.

"Therapeutic Orientation to Clinical Trials," First Annual Biomedical Ethics Lecture, University of Rochester Medical Center, Rochester, New York, June 21, 2011.

"Limits to research risks," National Institute of Environmental Health Sciences, Research Triangle, North Carolina, May 25, 2011.

"Drug evaluation: public policy and research ethics," Office of Oncology Drug Products, FDA, April 29, 2011.

"Deception and research: ethics and regulation," Department of Veterans Affairs, Central IRB, Washington, DC, February 24, 2011.

"Vertebroplasty and the Placebo Response," Radiological Society of North America annual meeting, Chicago, December 1, 2010.

"Beyond Superiority to Placebo: The Legitimacy of Placebo Efficacy?" Integrative Medicine Research Lecture series, National Center for Complementary and Alternative Medicine, NIH, November 8, 2010.

"Dispensing with Equipoise," Pitts Memorial Lectureship, Medical University of South Carolina, Charleston, SC, October 30, 2010.

"Coverage with Evidence Development: Ethical Issues," panel on research and practice, American Society for Bioethics and the Humanities, annual meeting, San Diego, CA, October 23, 2010.

"Deception in Research: Ethics and Regulation," Secretary's Advisory Committee on Human Research Protections, Washington, D.C., October 20, 2010.

"Placebo Treatments in Clinical Practice: Ethical Issues," Grand Rounds, Comprehensive Cancer Support Program, University of North Carolina, September 13, 2010.

"The Ethics of Placebo-Controlled Trials," Rush University Medical Center, Chicago, June 16, 2010.

"Therapeutic orientation to clinical trials," Grand Rounds, Children's Hospital of Philadelphia, May 12, 2010.

"Organ Donation without the Dead Donor Rule," American Philosophical Association, central division meeting, Committee for Medicine and Philosophy, Chicago, February 20, 2010.

"Risks and Placebo Controls," World Medical Association expert conference on the ethics of placebo controls in clinical trials, Sao Paulo, Brazil, February 1, 2010.

"Therapeutic Orientation to Clinical Trials," Clinical Research Ethics Seminar, University of Texas Southwestern, December 8, 2009.

"Organ Donation without the Dead Donor Rule," Ethics Grand Rounds, University of Texas Southwestern, December 8, 2009.

"Placebo Treatments in Clinical Practice: Ethical Issues," at a conference on placebo interventions in medical practice sponsored by the Institute for Biomedical Ethics, University of Zurich, Zurich, Switzerland, November 18, 2009.

"Informed Consent and Therapeutic Misconception," International Association of Law and Mental Health, New York City, June 30, 2009.

"Placebo treatments in clinical practice: ethical issues," George Washington University Medical School, April 8, 2009.

"Research Ethics at the NIH," Global Alliance of Biomedical Ethics Centers Project, Tokyo, Japan, March 13, 2009.

"Standard of Care and the Ethics of Study Design," IMPAACT Leadership Retreat, Division of AIDS, NIAID, NIH, December 12, 2008.

"Facing up to deception in placebo research," The Placebo Effect: Satellite symposium of the X11 World Congress on Pain, Copenhagen, August 15, 2008.

"Placebo treatments in clinical practice: ethical issues," X11 World Congress on Pain, Glasgow, August 18, 2008.

"Ethical Issues in CAM Clinical Trials," National Center for Complementary and Alternative Medicine, Grantsmanship Workshop, Rockville, MD, June 5, 2008.

"Epidemiological and Health Services Research without Consent," Medical Ethics Seminar, Division of Medical Ethics, Department of Public Health, Weill Medical College of Cornell University, March 6, 2008. "Therapeutic Orientation to Clinical Trials," Advanced Research Ethics, PRIM&R Annual HRPP Conference, Boston, MA 12/1/07.

"Therapeutic Orientation to Clinical Trials," NIH Human Subjects Research Ethics Course, October 3, 2007.

"Don't Look, Don't Tell, Why Not?" conference on Managing Incidental Findings in Human Subjects Research, University of Minnesota, May 1, 2007.

"Deception, Respect for Persons, and Informed Consent," retreat for Institutional Review Board of the Intramural Research Program, National Human Genome Research Institute, March 19, 2007.

"Coverage Conditional on Research: An Ethical Perspective," workshop on Ethical Considerations for Post-marketing Evaluations of Pharmaceuticals," sponsored by Health Canada, The Canadian Institutes of Health Research, and The Manitoba Centre for Health Policy, Toronto, Canada, March 5, 2007.

"Deception, Respect for Persons, and Informed Consent," RAND Corporation, conference on Ethical Principles in Social-Behavioral Research on Terrorism, Arlington, VA January 10, 2007.

"Against Clinical Equipoise," PRIM&R Annual HRPP Conference, Washington, DC, November 16, 2006.

"Therapeutic Orientation to Clinical Trials," Ethics Grand Rounds, Dana-Farber Cancer Institute, Harvard School of Medicine, October 16, 2006.

"Facing up to Paternalism in Research Ethics," Division of Medical Ethics, Harvard Medical School, October 16, 2006.

"Data Safety and Monitoring Boards: An Ethical Perspective," Indo-U.S. Workshop on Bioethics in Clinical Research," New Delhi, India, June 21, 2006.

"The Therapeutic Misconception and Informed Consent," Indo-U.S. Workshop on Bioethics in Clinical Research," New Delhi, India, June 22, 2006.

"Evaluating the Therapeutic Misconception," panel on Therapeutic Misconception in Clinical Research, American Psychiatric Association, May 22, 2006.

"Deception in Clinical Research: the Challenge to Informed Consent," Medical Ethics Seminar, Division of Medical Ethics, Department of Public Health, Weill Medical College of Cornell University, May 11, 2006.

"Therapeutic Orientation to Clinical Trials," University of Marburg Comprehensive Cancer Center, March 15, 2006.

"Distinguishing the Ethics of Clinical Research from the Ethics of Medical Care," Panel on The Belmont Report, American Philosophical Association, December 29, 2005.

"Ethics of Placebo-Controlled Trials," Human Subjects Research Course, National Institutes of Health, October 19, 2011; October 5, 2010; October 28, 2009; October 15, 2008; October 10, 2007; October 11, 2006; November 2, 2005.

"Distinguishing the Ethics of Clinical Research from the Ethics of Medical Care," Panel on The Belmont Report, American Society for Bioethics and the Humanities, October 22, 2005.

"The Therapeutic Orientation to Clinical Trials," University of Maryland School of Medicine, June 16, 2005.

"Deception in Clinical Research on the Placebo Effect," Osher Institute, Harvard Medical School, May 24, 2005.

"Deception in Clinical Research: The Case of Experiments to Investigate the Placebo Effect," University of New Mexico, April 14, 2005.

"Data Safety and Monitoring Boards: An Ethical Perspective," AMANET/NIH Advanced Ethics Workshop, Zanzibar, Tanzania, December 1, 2004.

"The Ethics of Medical Research with Human Subjects," Cedar Lane Unitarian Church, Chevy Chase, Maryland, October 17, 2004.

"The Ethics of Placebo-Controlled Trials," Quorum IRB retreat, Seattle, Washington (by telephone), October 2, 2004.

"Professional Integrity in Industry-Sponsored Trials," Aventis Editorial Forum, Bridgewater, New Jersey, October 1, 2004.

"Ethical Framework for Randomized Controlled Trials," National Institute of Aging conference, "From Bench to Bedside: Estrogen as a Case Study," September 29, 2004.

"Deception in Placebo Research," Human Subjects Research Ethics Board Retreat, University of Western Ontario, June 8, 2004.

The Ethics of Placebo Surgery," Society for Clinical Trials Annual Meeting, New Orleans, May 26, 2004.

"William James and Medical Ethics," Bioethics Seminar, Division of Medical Ethics, Cornell University Medical College, March 25, 2004.

"Is 'Faith Healing' Compatible with Scientific Medicine? The Ethics of Placebo Therapy," Placebo Working Group, Osher Institute, Harvard Medical School, December 18, 2003.

"Kant and Bioethics," Bioethics Seminar, Division of Medical Ethics, Cornell University Medical College, December 12/4/03.

"The Therapeutic Orientation to Clinical Trials," at The Ethical Conduct of Clinical Research Involving Critically III Subjects in North America Conference, American Thoracic Society, November 21, 2003.

"Commentary on a Complex Trial Design," Inter-Institute Bioethics Interest Group, National Institutes of Health, November 3, 2003.

"Professional Integrity in Clinical Research," Key Plenary Conference, XXI Biomedical Research National Congress, Monterrey, Mexico, October 23, 2003.

"Placebo-controlled Trials in Children: Ethical and Regulatory Considerations," North American Cystic Fibrosis Conference, Anaheim, CA, October 16, 2003.

"The Ethics of Placebo Surgery," Conference on "Placebo—Its Action and Place in Health Research Today," The Medical University of Warsaw, Warsaw, Poland, April 13, 2003.

"The Ethics of Sham Surgery," Alumni Reunion, Clinical Research Training Program, National Institutes of Health, October 5, 2002.

"The Ethics of Placebo-controlled trials," Collegium Internationale Neuro-Psychopharmacologicum, Montreal, Canada, June 25, 2002.

"Assessing Decisionmaking Capacity in Psychiatric Research," Society of Biological Psychiatry, Philadelphia, PA, May 16, 2002.

"Clinical Research with Healthy Volunteers," American Federation for Medical Research," Baltimore, MD, April 13, 2002.

"The Ethics of Placebo-Controlled Trials," Society of Behavioral Medicine, Washington, DC, April 6, 2002.

"The Ethics of Assessing Decisionmaking Capacity in CNS Research," CNS Clinical Trials and Drug Development, Philadelphia, PA, March 19, 2002.

"The Ethics of Placebo-Controlled Trials in Psychiatric Research," CNS Clinical Trials and Drug Development, Philadelphia, PA, March 18, 2002.

"The Ethics of Randomized Clinical Trials," National Institute of Dental and Craniofacial Research, Bethesda, MD, December 12, 2001.

"The Ethics of Placebo-Controlled Trials," National Institutes of Health, Ethical and Regulatory Aspects of Human Subjects Research, Bethesda, MD, November 14, 2001.

"The Rationale for Independent Capacity Assessment," American Society for Bioethics and Humanities, Nashville, TN, October 25, 2001.

"Addressing Ethical Issues in the Medical Research Literature," American Society for Bioethics and Humanities, Nashville, TN, October 28, 2001.

"The Ethics of Placebo-Controlled Trials," Dalhousie University, Halifax, Canada, Workshop on Placebo Controls in Clinical Trials, September 24, 2001.

"The Ethical Challenge of Psychiatric Challenge Studies," Max-Planck Institute for Psychiatry, Munich, Germany, June 27, 2001.

"Ethics of Placebo-Controlled Trials in Psychiatry," New Clinical Drug Evaluation Unit, Phoenix, Arizona, May 30, 2001

"Placebo-controlled Trials in Psychiatric Research: An Ethical Perspective," American Academy of Pharmaceutical Physicians, Baltimore, MD, October 30, 2000.

"Ethics of Randomized Clinical Trials," National Cancer Institute, Fundamentals of Clinical Trials, October 14, 2000.

"Defining the Ethical Issues in Randomized Clinical Trials," Society of Surgical Oncology Annual Cancer Symposium, New Orleans, Louisiana, March 17, 2000.

"Placebo-controlled Trials in Psychiatric Research: An Ethical Perspective," Grand Rounds in Psychiatry, Cornell University Medical School, January 12, 2000.

"The Ethical Challenge of Human Challenge Models," National Institute of Allergy and Infectious Diseases, Development of a Standardized *Helicobacter pylori* Human Challenge Model Suitable for Studies of Pathogenesis and Vaccine Efficacy, November 30, 1999.

"Professional Integrity in Psychiatric Research," NIMH Fellows Seminar, May 25, 1999.

"Advertising in Clinical Research," NIH IRB bioethics consultants, April, 27, 1999.

"Ethical Issues in Psychiatric Research: Placebos and Drug Washouts," NIMH Fellows Seminar, July 28, 1998.

"Professional Integrity in Clinical Research," paper (co-authored with D.L. Rosenstein and E.G. DeRenzo), NIH Department of Clinical Bioethics Journal Club, April 22, 1998.

"Safeguards for Physician-Assisted Suicide, Fair Oaks Hospital, Fairfax Virginia, March 25, 1998.

"Professional Integrity in Clinical Research," Kennedy Institute of Ethics Seminar for Scholars and Fellows, February 10, 1998.

"The Ethical Challenge of Challenge Studies," Center for Bioethics, University of Pennsylvania, December 5, 1997.

"Clinical Pragmatism and Reform of Clinical Pragmatism," with J.J. Fins, The Joint Meeting of the American Association of Bioethics, Society for Bioethics Consultation, and Society for Health and Human Values, Baltimore, MD, November 7, 1997.

Comments on draft legislation concerning research with decisionally incapacitated individuals developed by Maryland Attorney General's Research Working Group, at conference sponsored by University of Maryland School of Law, May 28, 1997.

"Voluntary Death by Terminal Dehydration Versus Physician-Assisted Suicide," AMA-MSS Sectional Conference, University of Maryland School of Medicine, February 22, 1997.

"Voluntary Death by Terminal Dehydration," paper (co-authored with Diane Meier) presented at Kennedy Institute of Ethics Seminar for Scholars and Fellows, February 11, 1997.

"Regulating Physician-Assisted Suicide: The Oregon Referendum, The Circuit Court Opinions, and the Future," Death with Dignity Leaders' Forum, San Francisco, April 28, 1996.

"A Communitarian Approach to Physician-Assisted Death," paper presented at Kennedy Institute of Ethics Seminar for Scholars and Fellows, February 20, 1996.

Member of panel on Physician-Assisted Death, Metropolitan Washington Bioethics Network, January 27, 1996.

"A Communitarian Approach to Physician-Assisted Death," Death with Dignity Leaders' Forum, Seattle, Washington, January 21, 1996.

"Reconstruction of Hospital Care for Dying Patients," The New York Hospital Medical Ethics Committee, December 13, 1995

Member of panel discussing cases concerning ethics of medical research at Tri-Institutional Ethics Course: Sloan-Kettering Institute, Cornell University Medical College, and Rockefeller University, January 7, 1997 and October 31, 1995.

"Regulating Physician-Assisted Death: Oregon and Beyond," University of Maryland Medical System, Medical Humanities Hour, June 8, 1995.

"Regulating Physician-Assisted Death," Martha Jefferson Hospital, Ethics Committee Educational Forum, Charlottesville, Virginia, April 12, 1995.

"The Regulation of Physician-Assisted Death," Georgetown University Bioethics Colloquium, December 13, 1994.

Keynote Speaker, Forum on Physician-Assisted Death, The Memorial Society of Maryland, November 19, 1994.

"The Limits of Justified Physician-Assisted Death, " American Society of Law, Medicine & Ethics 1994 annual meeting, October 7, 1994.

"Regulation of Physician-Assisted Death," Hemlock Society of the National Capital Area, November 14, 1993.

"The Case for Legalized Euthanasia," Fairfax Hospital, Annual Ethics Conference: Euthanasia Pros and Cons, April 27, 1993.

"Safeguards to Prevent Abuse in Legalized Euthanasia," The Emory University Program on Quality of Life, Symposium: Death with Dignity: Is Palliative Care Enough?, February 13, 1993.

"The Case for Legalized Euthanasia," The American Medical Student Association Annual Convention, March 21, 1992.

### PEER REVIEWS

The New England Journal of Medicine Journal of the American Medical Association Annals of Internal Medicine Science The Journal of General Internal Medicine The American Journal of Medicine Archives of General Psychiatry Biological Psychiatry The American Journal of Psychiatry The American Journal of Psychiatry The Hastings Center Report Milbank Quarterly The Journal of Medicine and Philosophy The Journal of Clinical Ethics Cancer Control The Lancet **Pediatrics** IRB Theoretical Medicine and Bioethics American Journal of Bioethics The Journal of Medical Ethics The American Journal of Respiratory and Critical Care Medicine Perspectives in Biology and Medicine Kennedy Institute of Ethics Journal **Clinical Trials** Lancet Neurology Canadian Medical Association Journal Social Science & Medicine **CNS** Drugs Journal of Clinical Oncology Journal of Clinical Epidemiology Intensive Care Medicine Accountability in Research Drug Discovery Today Biomed Central: Health Services Research Clinical Pharmacology & Therapeutics Journal of Psychosomatic Research Journal of Empirical Research on Human Research Ethics **Developing World Bioethics** Gastroenterology Nature Reviews Clinical Oncology Trials Journal of Theoretical and Philosophical Psychology The Journal of Pain and Symptom Management International Journal of Epidemiology **AJOB Empirical Bioethics** Nous Synthese The Journal of Pain PLoS Medicine **Psychological Medicine** British Journal for the Philosophy of Science Harvard University Press

#### FELLOWSHIPS

2002- Fellow, Hastings Center

- 2001- Faculty Affiliate, Kennedy Institute of Ethics
- 1994-2001 Senior Research Fellow, Kennedy Institute of Ethics

### EDITORIAL

- 2015- Deputy Editor, *Perspectives in Biology and Medicine*
- 2014-2015 Associate Editor, Perspectives in Biology and Medicine
- 2003-2009 Editorial Board, American Journal of Bioethics

### BOARD MEMBERSHIPS

- 1996-1997 Board of Directors, Choice in Dying, New York, NY
- 1995-1997 Board of Directors, Death with Dignity Education Center, San Mateo, CA

## OTHER PROFESSIONAL ACTIVITIES

- 2015- Scientific Advisor, Foundation for the Science of the Therapeutic Encounter, Cambridge, MA.
- 1997-1998 University of Pennsylvania, Center for Bioethics, Assisted Suicide Panel

#### PROFESSIONAL RECOGNITION

Thomson Reuters Highly Cited Researchers, top one percent of most cited authors of papers indexed in Web of Science in the field of Social Sciences, general, October 2014

### PROFESSIONAL ASSOCIATIONS

American Society for Bioethics and Humanities