#### PRESENT POSITION AND ADDRESS:

President

The Hastings Center

Garrison, New York 10524-4125

#### **EDUCATION:**

B.A., Temple University, Philadelphia, PA; Psychology
 Ph.D., Princeton University, Princeton, NJ; Social Psychology

#### PROFESSIONAL AND TEACHING EXPERIENCE:

1970-71	Preceptorials at Princeton University, Courses at Westminster College, Princeton, NJ
1971-75	Instructor at New College, Sarasota, FL
1975-80	Assistant Professor of Interdisciplinary Studies, Western College of Miami University (Promoted to
	Associate Professor, 1980)
1980-84	Associate for Social and Behavioral Studies, The Hastings Center, Hastings-on-Hudson, NY
1984-86	Associate Professor, Institute for the Medical Humanities, The University of Texas Medical Branch,
	Galveston, TX
1986-87	Professor of Ethics and Public Policy, Institute for the Medical Humanities, The University of Texas Medical
	Branch, Galveston, TX
1987-99	Professor of Medicine, School of Medicine, Case Western Reserve University, Cleveland, OH
1996-99	Professor of Oncology, School of Medicine, Case Western Reserve University, Cleveland, OH
1998	Susan E. Watson Professor of Bioethics
1999-	Adjunct Professor of Bioethics, School of Medicine, Case Western Reserve University, Cleveland, OH

#### **TEACHING AT CWRU:**

#### School of Medicine

Masters in Bioethics:

Foundations in Bioethics I&II Independent Study Electives

Core Curriculum:

Core Physician Development Program

Fundamentals of Medical Decision Making (Chair, Ethics/Legal/Psychosocial Section)

Homeostasis I

Reproductive Biology

Nervous System/Mind

Other teaching:

Type I Elective on Ethics and Reproduction

Clerkship in Reproductive Medicine

Residencies

**Faculty Development** 

#### College

CWRU Ethics Fellows Program
Ethics in Science
Heath Care Controversies
CWRU Continuing Education Senior Scholars Program

#### **RESEARCH ACTIVITIES:**

#### Areas of Research:

Ethics in medicine and science, including ethical aspects of health policy; the care of newborns and children; prenatal issues; occupational health; genetics, including genetic engineering. Also interested in the idea of moral communities, moral tradition and the limitations of the "applied ethics" conception of bioethics.

#### **Grant Support:**

National Science Foundation Program on Ethics and Values in Science and Technology (NSF-EVIST), "Ethical Issues in the Use of Occupational Health Technologies" (with Willard Gaylin and Ronald Bayer), September 1, 1981 - February 29, 1984. \$176,741. (Coprincipal Investigator)

Field Foundation, "Occupational Health and the Concept of Responsibility" (with W. Gaylin), September 1, 1980 - August 31, 1981. \$25,000. (Co-Principal Investigator)

Field Foundation, "Freedom and Coercion for Workers: Occupational Health and Safety" (with W. Gaylin), September 1, 1981 - August 31, 1982. \$37,000. (Co-Principal Investigator)

Atlantic Richfield Foundation, "Physicians and Divided Loyalties" (with Daniel Callahan and W. Gaylin), March 1, 1981 - February 28, 1982. \$35,000. (Principal Investigator)

Fund for the Improvement of Postsecondary Education (FIPSE), "Teaching Ethics in the Undergraduate Professions: Journalism and Nursing" (with Arthur Caplan), September 1, 1982 - September 30, 1984. \$99,371. (Principal Investigator)

NSF-EVIST, "Moral Responsibilities and Moral Decisions in Discovering and Controlling Occupational Health Hazards" (with W. Gaylin and R. Bayer), September 1, 1983 - February 28, 1986. \$131,197. (Co-Principal Investigator)

New York Council for the Humanities, "Which Babies Shall Live: Humanistic Dimensions of the Care of Imperiled Newborns" (with A. Caplan), September 1, 1982 - April 30, 1983. \$14,335.

March of Dimes Birth Defect Foundation, "Ethics and the Care of the Newborn at Risk" (with A. Caplan), April 1, 1983 - March 31, 1984. \$15,000.

Dana Foundation, "Confidentiality and AIDS" (with Carol Levine and R. Bayer), October 1, 1983 - January 31, 1984. \$20,000.

NIH Office of Protection from Research Risks (OPRR), "Ethical Issues in Research on Genetic Diseases," January 1, 1988-December 31, 1989. \$6,000.00. (Principal Investigator)

Cleveland Foundation, "Community Dialogue on Values and Health Care," January 1, 1990 - December 31, 1990. \$40,273. (Principal Investigator)

Prudential Foundation, "Community Dialogue on Values and Health Care," January 1, 1990 - December 31, 1990. \$7,500. (Principal Investigator)

Western Reserve AIDS Foundation, "Community Dialogue on Values and Health Care," January 1, 1990 - December 31, 1990. \$10,000. (Principal Investigator)

Cleveland Foundation, "Community Dialogue on Values and Health Care," January 1, 1991 - December 31, 1992. \$84,227. (Principal Investigator)

National Institutes of Health, National Center for Human Genome Research, "The Genome Project and Access to Health Care," September 30, 1991 - August 31, 1992. \$70,176. Renewed for September 1, 1992 - August 31, 1994. \$18,060. (Principal Investigator)

National Institutes of Health, National Center for Human Genome Research, "Ethics, Genetics and Alzheimer Disease," April 1, 1995 - September 30, 1996. \$ 95,120. (Co-Principal Investigator)

National Institutes of Health, Ethical, Legal and Social Implications Program, "Anticipating Enhancement: Ethical, Legal, and Social Issues, "February 1, 1997 - January 31, 1999. \$ 489,462. (Co-Principal Investigator)

National Institutes of Health, "Therapeutic Research Consent: Empirical and Ethical Analysis," October 1, 1997 - September 30, 2000. \$600,000. (Co-Principal Investigator)

National Institutes of Health, "Susceptibility Genes for Human Colon Neoplasia," July 1, 1997, - June 30, 2004. (Collaborator)

National Institutes of Health, Ethical, Legal and Social Implications Program, "Managing Enhancement: Ethical, Legal, and Social Issues," February 1, 1999 - January 31, 2001. \$ 443,296. (Co-Principal Investigator)

United Hospital Fund, "The Cultures of Caregiving," February 1999 – February 2000. \$50,000. (Co-Principal Investigator)

Greenwall Foundation, "Hastings Center's Mission and Program Review," April 1999 – April 2000. \$50,000. (Principal Investigator)

The Rockefeller Foundation, "Public Perceptions of Agricultural Biotechnology," November 30, 1999 – November 30, 2001. \$196,085. (Co-Investigator)

National Institutes of Health, "Tools for Public Conversation about Behavioral Genetics," September 30, 1999 – July 31, 2002. \$916,864. (Co-Investigator)

Greenwall Foundation, "Reprogenetics: A Blueprint for Meaningful Moral Debate and Responsible Public Policy," July 1, 2000 – July 2002. \$292,780. (Co-Investigator)

National Institutes of Health, "Genetic Ties and the Future of the Family," July 1, 2001 – June 30, 2003. \$287,300. (Investigator)

Markle Foundation, "Building a Trustworthy Internet for Health, July 1, 2001 – June 30, 2003. \$265,608. (Principal Investigator)

The Donaghue Foundation, "Ethical Issues in the Management of Financial Conflicts of Interest in Research in Health, Medicine and the Biomedical Sciences," December 1, 2001 – November 30, 2003.

United States Anti-Doping Agency, "Ethical, Conceptual and Scientific Issues in the Use of Performance Enhancing Technologies in Sport," January 1, 2002 – March 14, 2005. \$384,026 (Principal Investigator)

National Institutes of Health, subcontract with the University of Louisville, "Education in Genetic Ethics," April 1, 2002 – March 31, 2005. \$289,158 (Co-Investigator)

National Institutes of Health, "Ethical Decision-Making for Newborn Genetic Screening," September 20, 2002 – June 30, 2005. \$1,131,600 (Principal Investigator)

Robert Wood Johnson Foundation, "End of Life Care After a Decade of Reform," December 1, 2004 – November 30, 2005, \$266,085 (Principal Investigator)

United States Anti-Doping Agnecy, "Ethics, Genetics, and the Future of the Sport: The Implications of Genetic Modification and Genetic Selection," June 1, 2005 – May 31, 2007. \$460,000 (Principal Investigator)

#### **COMMITTEE RESPONSIBILITIES (CWRU):**

1987-99	Executive Committee, Division of General Medical Sciences Department
1987-99	Appointment Promotion and Tenure Committee, Division General Medical Sciences
1987-88	Ad Hoc Committee on the use of Animals in Medical Education.
1987-88	Ad Hoc Committee on Medical Education and AIDS
1988-89	Pre-clerkship, Patient Based Program Advisory Committee
1988-99	Ethics Committee, Lakeside Hospital (Member Executive Committee)
1988-90	Ethics Committee, Rainbow Babies and Children's Hospital
1989-99	President's Advisory Committee on Promotion & Tenure of the Faculty of Law
1991-92	Executive Committee, Core Physician Development Program Committee
1992-94	Ethics in the Undergraduate Curriculum
1995-99	Steering Committee, Ethics Fellows Program
1996	Admissions Policy Committee, School of Medicine
1996	Committee to Review Policies Re: Disposition of Cadavers used in Medical Education
1996-99	Executive Committee for the Masters in Bioethics Program

#### **MEMBERSHIP IN PROFESSIONAL SOCIETIES:**

1969-82	American Psychological Association
1979-	Association for Integrative Studies
1982-	Society for Values in Higher Education
1984-1997	Society for Health and Human Values (Program Committee, 1990; Membership Committee, 1990-1992)
1984-85	Society for Risk Analysis
	American Association for the Advancement of Science
1984-	The Hastings Center
1988-	American Public Health Association
1990-	American Society for Law, Medicine and Ethics
1991-	Association for Practical and Professional Ethics
1993-	European Society for Philosophy of Medicine and Healthcare
1997-	Association for Politics & Life Sciences
1997-	American Society of Human Genetics
1998-	American Society for Bioethics and Humanities (President-1999-2000)

#### **HONORS AND AWARDS:**

1968	Graduated magna cum laude, President's Scholar, Temple University
1968-71	Psychometric Fellowship, Educational Testing Service
1977-78	National Endowment for the Humanities Fellowship in Residence at Yale University
1979-80	National Endowment for the Humanities Fellowship, Institute of Society, Ethics and the Life Sciences
	(The Hastings Center)
1980-87	Board Member, Association for Integrative Studies
1983	President, Association for Integrative Studies
1986-	Fellow, The Hastings Center
1989	Fellow, Environmental Health Institute
1989	Aspen Fellow, Aspen Institute Symposium on Justice and Society
1989-90	Chair, Program Directors Section, Society for Health and Human Values
1989-90	Chair, Faculty Association, Society for Health and Human Values
1992-94	President-Elect (1992-1993) and President (1993-1994), Society for Health and
	Human Values
1992-	Executive Committee, Association for Practical and Professional Ethics
1993-97	Board of Directors, American Society of Law, Medicine, & Ethics
1997	"Top Prof," Awarded by Lux Chapter of the Mortar Board, CWRU
1998	The Diamond Achievement Award in the Social Sciences, College of Arts and Sciences, Temple University.

2001 - Affiliated Scholar, Institute for Bioethics, Health Policy and Law, University of Louisville.

2003 Honorary Doctor of Medicine, Uppsala University

#### **COMMUNITY SERVICE, CLEVELAND AREA:**

1987-88	AIDS Commission of Greater Cleveland Steering Committee for Technical & Special Issues
1988-94	American Red Cross Cleveland Chapter (Blood Services Board of Directors, 1988-1992)
1992-98	Northern Ohio Red Cross Blood Services (Board of Directors; Executive Committee, 1992-98; Joint Committee for
	Transition, 1991; Search Committee for Principal Officer, 1993; Long Range Planning Committee, 1993; Nominating
	Committee, 1994-96)
1988-99	IRB, Health Hill Hospital
1988-92	Bioethics Committee, Academy of Medicine, Cleveland (Chair, 1990-91)
1994-99	Co-Chair, Ethics Advisory Committee, Visiting Nurse Association
1997	Dittrick Medical History Center Advisory Committee

#### COMMUNITY SERVICE, COLD SPRING, NY AREA:

2006 - Member, Board of Directors, Putnam County Historical Society

#### OTHER PROFESSIONAL ACTIVITIES:

Co-Founder & Editor, Medical Humanities Review.

Advisory Editor, Social Science and Medicine: An International Journal. (Term ended 1996)

Editorial Board, Politics and the Life Sciences.

Editorial Board, Human Gene Therapy.

Editorial Board, Cloning, Science and Policy

International Advisory Board, Journal of Bioethical Inquiry

Editorial Council, Latin American Magazine of Bioethics

Member, Board of Editors, Biomedical Ethics Review.

Editorial Board, Medscape

Board of Editors, Journal of Law, Medicine & Ethics - 2003 - 2004

Editorial Board. Teaching Ethics, The Journal of the Society for Ethics Across the Curriculum

Member, U.S. Olympic Committee, Sports Medicine Committee.

Presidential Appointee to National Bioethics Advisory Commission, Chair, Genetics Subcommittee, 1996 – 2001.

Member, Committee on Ethics, American College of Obstetrics and Gynecology, 1996 – 2001.

Member, Social Issues Committee, American Society of Human Genetics, Chair , 1998-.

Founding Member of Working Group on Ethical, Legal, and Social Issues, National Center for Human Genome Research, NIH, 1989-1995

Chair, Task Force on Genetic Testing and Insurance, Working Group on Ethical, Legal, and Social Issues, 1991-1993.

Co-chair, Panel on NIH Research on Anti-Social, Aggressive and Violence-Related Behaviors and Their Consequences, 1993 - 1994.

Panel on Human Embryo Research, NIH, 1994.

Subcommittee on Protection of Human Subjects, Health and Environmental Research Advisory Committee, Department of Energy, 1994.

American Society of Human Genetics Ad Hoc Committee on Genetic Testing and Insurance, 1993.

Advisory Committee, American Association for the Advancement of Science Research Project on Ethical and Legal Implications of Genetic Testing.

Advisory Board, Palliative Care Studies Institute, Calvary Hospital, Bronx, New York.

Referee, <u>Hastings Center Report</u>, <u>Science, Technology, and Human Values</u>, <u>New England Journal of Medicine</u>, <u>JAMA</u> and many other journals.

Reviewer, National Science Foundation.

Selection panel, Fund for the Improvement of Postsecondary Education.

Consultant to Media and Society Seminars, Columbia University School of Journalism, 1983-84.

Testimony on ethical problems in the use of steroids for performance enhancement in athletics, U.S. Food and Drug Administration, Bethesda, MD, January 1984.

Co-director, two-day workshops on "Teaching Ethics in Nursing" and "Teaching Ethics in Journalism," Mamaroneck, NY. June 4-7, 1984.

Member, Planning Committee for National Conference on "Images of the Disabled/Disabling Images," New York, NY. November 1984.

Consultant, U.S. Congress Office of Technology Assessment on report on Reproductive Hazards and Work, Washington, DC, 1984-85.

Research Group on "Ethics and the Care of Newborns." The Hastings Center, Hastings-on-Hudson, Founder and Co-Director, 1982-85; Member, 1985-86.

Invited participant, Symposium on "Drug Testing in Sports," sponsored by <u>The Physician and Sportsmedicine</u>, Colorado Springs. July 11-12, 1985.

Invited participant, American Academy of Pediatrics Committee on Bioethics meeting to discuss care of disabled newborns, Elk Grove Village, IL. October 2-4, 1985.

Invited participant, Congress of the United States Office of Technology Assessment, Working Group on "Patient's Rights in Human Biological Materials: Legal and Ethical Issues," Washington, DC. January 17, 1986.

Faculty, series of three conferences dealing with medical neglect in the State of Nevada, American Academy of Pediatrics, Elko, Reno, and Las Vegas. NV. March 17-20, 1987.

Participant, International Working Conference on Non-Treatment Decisions, sponsored by Lawrence University, Appleton, WI, May 11-13, 1987.

Participant, National Research Council/National Academy of Sciences, Board on Environmental Studies and Toxicology, Workshop on Health Monitoring in The Workshop. Washington, DC. June 18, 1987.

Participant, 2nd Annual International Conference on Non-Treatment, Appleton, WI. May 15-18, 1988.

Consultant, Washington University School of Medicine, on initiating a program in Medical Humanities, St. Louis, MO. June 23-24, 1988.

Advisory panel, U.S. Congress Office of Technology Assessment, project on Genetic Testing in the Workplace, Washington, DC, 1989-90.

Consultant, U.S. Congress Office of Technology Assessment on Ownership of Human Tissues and Cells, Washington, DC.

Participated by invitation in the Council of Europe's First Symposium on Bioethics in Strasbourg, France. December 5-7, 1989.

Participated in symposium, "Voices in U.S. Bioethics: A Cross-Cultural Appraisal and Response," The Park Ridge Center, Chicago, IL. December 14, 1990.

Consultant, U.S. Congress Office of Technology Assessment on Biological Applications, Washington, DC. March 21, 1991.

Participated in first meeting of the Organ Transplantation Project, The Park Ridge Center, Chicago, IL. July 12-14, 1991.

Served as member, American Society for Human Genetics ad hoc Committee on Genetic Testing and Insurance, Toronto, Canada. September 6, 1991.

Participant in "3rd Permanent World Conference on Anti-Doping in Sport," Bergen, Norway. September 23-26, 1991.

Invited participant, "Discussion Toward an American Association of Bioethics." New York Academy of Medicine, New York, NY. November 11, 1991.

Frances H. Schiltz, M.D. Professor-in-Residence in the Humanities in Medicine, University of Kansas School of Medicine, Wichita, KA. November 13, 1991.

Taught course on genetic issues in research in relation to the social context of medical ethics. Residential ethics summer school, University of Otago Medical School Bioethics Research Centre, New Zealand. February 10-15, 1992.

Boyd B. Palmer Lecture, Interamerican University, San German, Puerto Rico. March 14, 1992.

Participant, Symposium on National DNA Investigation Systems, Federal Bureau of Investigation Headquarters, Washington, DC. May 11, 1992.

Led Ethics Retreat, Shands Hospital Ethics Committee and University of Florida College of Medicine. Gainesville, FL. June 5, 1992.

Advisory Board, Beckman Center for the History of Chemistry Biomolecular Sciences Initiative.

Consultant, Review of the Department of the History and Philosophy of Medicine, University of Kansas Medical Center, Kansas City, KS. October 5-7, 1992.

Taught course on medical ethics with Grant Gillett and Roger Crisp at University of Oxford, England. October - December, 1992

College of the Pacific Fall 1993 Convocation address, "Genetics and the Moral Future of Humankind." University of the Pacific, Stockton, CA. September 16, 1993.

Advisory Committee, Genetics Paradigms Project, University of Washington, Seattle, WA. November 8-9, 1993.

Visiting Professor, Center for Medical Ethics, University of Pittsburgh, Pittsburgh, PA. November 10-11, 1993.

Moderator and Co-Host, Stopping Science: An Invitational Workshop. In collaboration with the CWRU School of Law. September 24-26, 1998.

Visiting Professor, "Ethics and Genetics: Issues at the Frontiers of Science and Technology." Oklahoma Scholar-Leadership Enrichment Program, University of Oklahoma. October 14-17, 1998.

Participant, The Second International Summit of National Bioethics Commissions. Tokyo, Japan, November 3-4, 1998.

Member, NIH Director's Working Group on Oversight of Gene Therapy Research, Spring 2000.

Member, Ethics Committee of the Human Genome Organization, 1999 – present.

Member, Ethics and Education Committee, World Anti-Doping Agency, 2000 - present.

Chair, Making Informed Consent Meaningful, State of the Art Conference sponsored by the VA office of Research and Development, Washington, DC, March 7-9, 2001.

Testimony given on issues raised by human cloning research to the House Committee on Energy and Commerce, subcommittee on Oversight and Investigations, Congressional Hearing, Washington, DC, March 28, 2001.

Member, Association of American Medical Colleges Task Force on Financial Conflicts of Interest in Clinical Research, 2001-

Member, Advisory Committee to the *Genetic Literacy Project*, funded by the March of Dimes and the Genetics Services Branch of the federal Maternal and Child Health Bureau, Health Resources and Services Administration, 2001 -

Member, Advisory Committee for the Genomics Institute at the Wadsworth Center, 2001 -

Member, Advisory Board for the Association for Practical and Professional Ethics, 2001-2003

Member, AAMC Task Force on Financial Conflicts of Interest in Clinical Research, 2001 - 2002

Member, Council on Biotechnology Research, Innovation and Public Policy of the Center for Strategic & International Studies, 2001 -

Participant, NHGRI Planning Workshop on Bioethics and Humanities Research: Genetics and Worldviews, Washington, D.C., July 2, 2002.

Participant, NHGRI Planning Workshop on Non-Medical Applications of Genomics; Topic leader on the political process, sports and identity, Washington, D.C., July 11, 2002.

Participant, 'Beyond the Beginning: The Future of Genomics II', Airlie Conference Center, Airlie, VA, November 18-20, 2002.

Participant, "Reproductive Genetics Policy: Framing the Issues,' Genetics & Public Policy Center, Johns Hopkins University, Washington, D.C., January 6-7, 2003.

Member, Data and Safety Monitoring Board (DSMB) for the Apnea Positive Pressure Long-Term Efficacy Study (APPLES) conducted by the National Heart, Lung, and Blood Institute at the National Institutes of Health, 2003 – 2004.

Chair, Ethical Issues Review Panel, World Anti-Doping Agency, 2004 - .

Member, International Panel of Experts of Singapore Bioethics Advisory Committee – 2005 – 2007.

Member, Working Group in Bioethics, Wadsworth Center, Albany, NY, 2005 - .

Participant, 4th Annual Meeting of the International Stem Cell Forum, Ethics Working Group, Paris, France, January 12, 2006.

Participant, Non-Pharmacological Interventions for Pandemic Flu, DHHS/RAND Expert Panel, Washington, DC, January 17 – 18, 2006.

Participant, Krabbe Disease Screening in New York – Workshop on Follow-up, New York City, January 30, 2006.

Participant, NanoFrontiers Workshop, NIH, NSF and the Woodrow Wilson International Center for Scholars' Project on Emerging Nanotechnologies, Washington, DC, February 9 and 10, 2006.

Participant, Democratic Policy Committee Lunch on Stem Cell Research, Washington, DC, February 16, 2006.

Participant, Meeting on Ethical Issues in Ventilator Allocation in an Influenza Epidemic, New York State Task Force on Life & the Law, New York City, March 2, 2006.

#### **SELECTED LECTURES, PANELS AND PRESENTATIONS:**

"Psychology and Ethics: A Comparison of Erikson and Skinner." Association for Integrative Studies Annual Meeting, Washington, DC. March 4, 1980.

"Ethics and Social Research." Conference on Ethics and Science, Vassar College, Poughkeepsie, NY. June 11, 1980.

"Ethical Problems and the Control of Social Research." Society for the Study of Social Problems, New York, NY, August 25, 1980.

"Ethics and Social Research." New York State Sociological Association, Syracuse, NY. October 18, 1980.

"Ethics and Nontherapeutic Drug Use." Marist College, Poughkeepsie, NY. December 5, 1980.

"Moral Dimensions of Social Science." Ramapo College Master Lecture Series, Mahwah, NJ. March 4, 1981.

"Moral Development and Voluntary Organizations." Girl Scouts of America Annual Convention, New York, NY. March 5, 1981.

"Public Policy and Ethics." Ramapo College Master Lecture Series, Mahwah, NJ. March 11, 1981.

"Confidentiality and Adolescent Medicine." American Academy of Pediatrics Conference, Williamsburg, VA. March 26-28, 1981.

"The Moral Basis for Confidentiality." American Orthopsychiatric Association Annual Meeting, New York, NY. March 30, 1981.

"Moral Dilemmas in Social Research." University of Florida, Gainesville, FL. May 5, 1981.

"Is there a Rationale Behind the U.S. Drug Approval Process?" Ramapo College Industry-Science Lecture, Mahwah, NJ. May 7, 1981.

"Performance-Enhancing Drugs: Coping with New Technologies." Rosenstiel Retreat for Brandeis University Faculty, Greenwich, CT. September 13, 1981.

"Physicians and Nuclear War." New York Medical College, New York, NY. December 14, 1981.

"Bioethics and the Technological Revolution." Ramapo College Master Lecture Series, Mahwah, NJ. December 16, 1981.

"Telling the Truth in Medicine." Grand Rounds, Booth Memorial Hospital, Queens, NY. January 5, 1982.

"Research on the Incompetent: The Case of Alzheimer's Disease." Association of American Law Schools Annual Meeting, Philadelphia, PA. January 9, 1982.

"Suffering and Neonatal Intensive Care." Death, Suffering and Well-Being Research Group of The Hastings Center, Hastings-on-Hudson, NY. April 16, 1982.

"Ethics and Health Care Administration." United Hospital Fund of New York. April 21, 1982.

"The Incompetent Patient." Roosevelt Hospital, New York, NY. May 18, 1982.

"Human Experimentation." Calvary Hospital, Bronx, NY. May 19, 1982.

"Drugs, Sports and Ethics." American Psychiatric Association Annual Meeting, Toronto, Canada. May 20, 1982.

"Ethics and Neonates." New Directions in Bioethics, workshop sponsored by University of New Mexico Schools of Law and Medicine, Albuquerque, NM. May 21-23, 1982.

"Physicians and Divided Loyalties." New Directions in Bioethics, workshop sponsored by University of New Mexico School of Law and Medicine, Albuquerque, NM. May 21-23, 1982.

"Allocating Scarce Medical Resources." New York State Health Planning Commission Health Advisory Council, Albany, NY. June 22, 1982.

"Ethical Issues in Neonatal Care." Consumer Health Information and Resource Center, New York, NY. July 20, 1982.

"Ethical Issues in Social Psychology." City University of New York Graduate School, New York, NY. September 21, 1982.

"Moral Problems in the Care of Defective Newborns." College of Physicians and Surgeons. Columbia University, Harrison, NY. September 22, 1982.

"Competence, Incompetence, and Terminating Treatment." Danbury Hospital, Danbury, CT. September 24, 1982.

"Ethics and the Fate of Imperiled Newborns." Asa Gray Biological Society Lecture, Utica College, Utica, NY. September 27, 1982.

"Taking Care of Newborns," and other lectures, Maryland Hospital Association, Silver Springs, WV. October 20-22, 1982.

"Informed Consent and Caring for the Dying." Calvary Hospital, Bronx, NY. October 28, 1982.

"Ethics and Perinatal Care." Danbury Hospital, Danbury, CT. October 29, 1982.

"Allocating Scarce Resources." Boston University School of Public Health, Boston, MA. November 3, 1982.

"Genetic Screening in the Workplace." National Institutes of Health STEP module, Washington, DC. January 10, 1983.

"Moral Responsibilities in Science." Marist College, Poughkeepsie, NY. February 10, 1983.

"Moral Dimensions of Psychiatry." State University of New York, Buffalo, NY. March 25, 1983.

"Justice and Health." Thomas J. White Public Law Lecture, St. Louis University Law School, St. Louis, MO. March 28, 1983.

Workshop on Bioethics. Pace University, New York, NY. March 25-27, 1983.

"The Meanings of Suffering in Newborn Care." Cardozo School of Law, Yeshiva University, New York, NY. April 6, 1983.

"Ethics and Psychoanalysis." Karen Horney Institute. April 13, 1983.

"Physicians and Nuclear War: A Case Study in Professional Responsibility." Annual Meeting of the Association for Integrative Studies. April 15, 1983.

"Ethical Quandaries in the Care of Newborns." Grand Rounds, Beth Israel Hospital, New York, NY. June 15, 1983.

"Ethics and Defective Newborns." Vassar College, Poughkeepsie, NY. June 23, 1983.

"Moral Schizophrenia and Our Policies on Perinatal Care" and "Genetic Screening in the Workplace." Department of Preventive Medicine and Community Health, The University of Texas Medical Branch, Galveston, TX. September 12-13, 1983.

"Do Professionals Have Moral Warranty to Speak Out on Nuclear War?" Ramapo College, Mahwah, NJ. October 12, 1983.

"Using Drugs to Enhance Performance: An Ethics Case Study in Sport." Lederle Science Lecture Series. October 20, 1983.

Panelist, Symposium on Infant Jane Doe, sponsored by Young Adult Institute, New York, NY. December 7, 1983.

"Moral Challenges in Organ Transplantation." Miami Valley Medical Center, Dayton, OH. November 22, 1983.

"Ethical Issues in Social Science Research." Office of Protection from Research Risks, U.S. Department of Health and Human Services. December 12, 1983.

"Taking Care of Seriously III Newborns: Ethical Issues." Appleton Memorial Hospital, Appleton, WI. January 18, 1984.

"Responsibility and Authority for Physicians." Memorial Sloan-Kettering Medical Center, New York, NY. January 30, 1984.

"Moral Dilemmas in our Care of Seriously III Newborns." Marist College, Poughkeepsie, NY. February 2, 1984.

"Some Problems in Teaching Applied Ethics." Association for Integrative Studies Annual Conference, Oxford, OH. February 3, 1984.

"The Moral Tension Between Rescue and Prevention in our Care of Newborns." Hastings Center Research Group on Ethics and Care of Newborns, Hastings-on-Hudson, NY. February 24, 1984.

"Ethics and the Care of Imperiled Newborns." Rollins College, Winter Haven, FL. March 12, 1984.

"Allocating Scarce Resources in Health Care: Ethical Issues." Veterans Administration Hospital, Richmond, VA. March 21, 1984.

"Hard Choices in Health Care." Workshop for Board of Directors of Union Memorial Hospital, Baltimore, MD. March 30, 1984.

"Physicians and Moral Responsibility." Michigan Psychiatric Society, Ann Arbor, Ml. April 12, 1984.

"Ethics, Work, and Genetic Screening." St. Francis College, Loretto, PA. April 13, 1984.

Faculty at Bioethics workshop sponsored by Arizona Council for the Humanities, Scottsdale, AZ. May 3-5, 1984.

Panelist, Symposium on "Commissioning Morality: Evaluating the President's Commission." New York, NY. May 17, 1984.

"Professions and Moral Responsibility for Social Issues." AAAS Annual Meeting, New York, NY. May 25, 1984.

"The Ethical and Social Significance of Biological Differences." Fifteenth Annual General Meeting, Institute for Society, Ethics and the Life Sciences. June 16, 1984.

"Ethics Committees for Infants Doe." Health Research and Education Trust, Princeton, NJ. June 27, 1984.

"Making Medical/Moral Judgments." Society for Values in Higher Education Annual Meeting. Poughkeepsie, NY. August 7, 1984.

Panel Chairman, "Interdisciplinary Studies and Citizenship." Association for Integrative Studies, San Francisco, CA. October 26, 1984.

"Ethical Issues in the Use of Social Knowledge in Medicine." The International Symposium of Ethical Issues in Social Research and Medical Practice, sponsored by the University of London, London, England. December 15, 1984.

"Ethics in Neonatology: Hidden Paradox of the Babies Doe." Ninth Annual West Texas Perinatal Conference, Odessa, TX. February 15, 1985.

"The Tension Between Prevention and Rescue." The Nurses Association of the American College of Obstetrics and Gynecology, Galveston, TX. April 19, 1985.

"The Idea of Maternal Responsibility for the Health of a Fetus." Hastings Center Research Group Meeting on Abortion and the Moral Status of the Fetus Since Roe v. Wade, Hastings-on-Hudson, NY. May 24, 1985.

"Confessions of an Unconscious Interdisciplinarian." Association for Integrative Studies Annual Meeting, Richmond, KY. October 17, 1985

"Habits of the Heart: One Example of Provocative But Flawed Interdisciplinary Scholarship." Association for Integrative Studies annual meeting, Richmond, KY. October 19, 1985.

"The Ethics of Workplace Screening." New Jersey Health Sciences Group, Piscataway, NJ. November 4, 1985.

"In Whose Image?: Ethical Issues in Genetic Engineering." Lecture series "Humanities Perspectives on Medical Science & Technology in Texas: Personal Choices & Community Values Concerning Birth, Life & Death," Denton, TX. December 11, 1985.

"The Ethics of Screening Programs: Lessons from Two Decades of Genetic Screening." The Hastings Center's Research Group on Ethics and AIDS, Hastings-on-Hudson, NY. January 30-31, 1986.

"Ethics in Health Care: The Tension Between Rescue and Prevention." Fourth Annual Perinatal Nursing Symposium, Houston, TX. February 6, 1986.

"Killing vs. Letting Die Is <u>Not</u> the Same as Withdrawing vs. Withholding Treatment." Research Group on Ethics and the Care of Newborns, The Hastings Center, Hastings-on-Hudson, NY. March 17, 1986.

"Ethical Issues in Human Growth Hormone." Symposium on Ethical, Legal and Social Issues in Human Growth Hormone by Athletes, The University of Texas at Austin, Austin, TX. April 18-19, 1986.

"Treatment Decisions in the Intensive Care Nursery" and "The Geography of Divided Loyalties Dilemmas." American Association on Mental Deficiency, Denver, CO. May 26, 1986.

"Gifts of the Body and a Community of Strangers." Address before the Annual Fellows' Meeting of the Hastings Center, Hastings-on-Hudson, NY. June 13, 1986.

"Interpreting the Baby Doe Regulations." Workshop for the Texas Department of Human Services, Austin, TX. June 25, 1986.

"Three Moral Issues in Public Health." Keynote address at the annual meeting of the Arizona Public Health Association, Tucson, AZ. September 17, 1986.

"Children and the Ethics of Autonomy." Conference on Autonomy, Texas Tech University, Lubbock, TX, October 3, 1986.

Series of five lectures sponsored by The Center for the Study of Ethics at Western Michigan University, the Kalamazoo Bar Association, the Kalamazoo Academy of Medicine, Southwest Michigan Health Systems Agency, Borgess Hospital, and Bronson Hospital, MI. October 8-9, 1986.

"A Community of Strangers? Ethics and Gift Relationships." Eighth Annual Conference of the Association for Integrative Studies, Bowling Green, OH. November 14, 1986.

"Biotechnology Ethics." E.L. Miller Lecture Series, A&M University, College Station, TX. November 19, 1986.

"Making Medical-Moral Judgments." Phenotypic Variation in Populations: Relevance to Risk Assessment Symposium, Brookhaven National Laboratory, Upton, NY. December 10, 1986.

"Moral Responsibilities to the Not-Yet-Born Child." Conference on "The Revolution in Obstetrical and Neonatal Care: Triumph and Tragedy," Columbia University College of Physicians and Surgeons, Harrison, NY. March 28, 1987.

"Moral Obligations to the Not-Yet-Born." Center for Biomedical Ethics, Case Western Reserve University, Cleveland, OH. May 5, 1987.

"A Tradition of Commitment: Shaping Our Response to Reality." 1987 Leadership Conference of St. Joseph Health System, Newport Beach, CA. May 30, 1987.

"The Ethics of Screening." Health Law Teachers' Conference, Houston, TX. June 5, 1987.

"Ethical Issues in Workplace Genetic Screening." Lone Star Chapter of the Society for Risk Analysis, School of Public Health, The University of Texas Health Science Center, Houston, TX. June 8, 1987.

"Infants in Peril: The Physician's Ethical and Legal Responsibilities." Texas Tech University, Lubbock, TX. August 7, 1987.

"Justice and Efficiency in Screening for Phenotypic Variation." U.S. Dept. of Energy Science Writers Workshop on Biotechnology and the Human Genome: Innovations and Impacts. Brookhaven National Laboratory, Upton, NY. September 15-16, 1987.

"AIDS in the Workplace: Ethical Issues." American Red Cross Symposium, Cleveland, OH. October 14, 1987.

"Ethics and the Care of Newborns." Parent Care International Conference, Philadelphia, PA. October 19, 1987.

"Technological Advances in Reproductive Health - A Panel on Ethical Issues." American Public Health Association Annual Meeting, New Orleans, LA. October 20, 1987.

"The Fetus on the Job: An Interdisciplinary Problem in Science, Ethics, and Public Policy." Association for Integrative Studies Annual Meeting, State College, PA. November 6-8, 1987.

"Am I My Parents Keeper?" Veterans Administration Hospital, Cleveland, OH. December 4, 1987.

"Genetic Testing as a Social Sorting Device." 25th Trans-disciplinary Symposium on Philosophy and Medicine, UCSF Medical Center, San Francisco, CA. December 12, 1987.

"Autologous Blood Transfusions: Identifying Ethical Considerations." American Blood Commission, Arlington, VA. January 18, 1988.

"Ethics, Liberty, and Justice in Workplace Screening." University of Illinois, School of Medicine, Chicago, IL. January 20, 1988.

Panel on organ transplantation. American Bar Association National Conference on Birth, Death and Law, Philadelphia, PA. February 4-5. 1988.

"People as Products: Gifts of the Body and the Needs of Strangers." University of Texas Health Science Center, Houston, TX. February 12, 1988.

Panelist, conference on "Issues and Concerns in Bioethics," Florida State University Humanities Institute, Daytona Beach, FL. February 21-23, 1988.

"Genetic Testing in the Workplace." DePaul University Law School, Chicago, IL. April 15, 1988.

"Ethics and Biotechnology." Industrial Biotechnology Association, Boston, MA. May 12, 1988.

"Biomedical Ethics and Social Considerations." 37th Rutgers Pharmaceutical Conference, New Brunswick, NJ. June 1, 1988.

"Abortion and Moral Conflict." Planned Parenthood Association, Cleveland, OH. July 28, 1988.

Panel on "Reproductive Technology and the Fetus." American Society of Human Genetics, New Orleans, LA. October 12, 1988.

"Using Nazi Experimentation Data: Memorial or Betrayal?" Second Generation Kol Israel, Cleveland, OH. October 16, 1988.

"Human Genetics and Social Justice" and "What is Interdisciplinary Studies?" Association for Integrative Studies, Arlington Annual Conference, TX. October 20-22, 1988.

"Ethical Issues in the Human Genome Initiative." Workshop on International Cooperation for the Human Genome Project, Valencia, Spain. October 23-30, 1988.

Chaired panel on "The Abuse of Casuistry." Society for Health & Human Values Annual Meeting, Chicago, IL. November 12, 1988.

Panel on "The Clinical Use of Intra-Cerebral Grafting: Miracle or Moratorium?" Sponsored by the Social Issues Committee, Society for Neuroscience, Toronto, Canada. November 15, 1988.

"Ethical Questions in Genetic Testing in the Workplace." College of American Pathologists/American Society of Clinical Pathologists; Genetic Studies and Environmental Health joint program, Skokie, IL. March 11, 1989.

"The Federal Moratorium on Fetal Tissue Transplant Research Should Be Lifted." Sponsored by College of Saint Benedict, St. John's University, Collegeville, MN. April 5, 1989.

Panel on "Ethical Considerations of the Human Genome Initiative." American Medical Association & Alliance for Aging Research. Washington, DC. April 24-25, 1989.

Participated in "History of Ethics in Medicine" colloquy, University of Washington Medical School, Seattle, WA. May 7-9, 1989.

"Morality, Drugs and Society." Conference on "Drugs: Ethical and Legal Dilemmas," Hiram College, Hiram, OH. May 10, 1989.

"Neonatal Care." The Hastings Center 20th Anniversary Meeting and Celebration, New York, NY. June 10, 1989.

"Ethics and the Social Sciences." Conference on "Ethics and the Educated Person," The Poynter Center, Indiana University," Bloomington, IN. June 15, 1989.

"Meaning, Aging and Public Policy." Symposium on "Dying with Dignity," American Baptist Homes and Hospitals Association, Denver, CO. October 20, 1989.

Panel for the Program Directors Section of the Society for Health and Human Values, Washington, DC. October 27, 1989.

"Ethics and Genetic Engineering." Guest of Honor Series, Kent State University, Kent, OH. November 6, 1989.

Panel on "How can we curtail steroid use?" TARGET seminar on steroid abuse, the National Federation of State High School Associations Headquarters, Kansas City, MO. November 7, 1989.

"The Ethical Dimensions of rDNA Technology." National colloquium on "The Impact of Technology on Culture," Ohio Wesleyan University, Delaware, OH. November 8, 1989.

"Doctors, Drug Companies and Gifts." Case Western Reserve University Department of Medicine Research Conference, Cleveland, OH. January 11, 1990.

"Ethics of Drug Use in Sport." Bioethics Grand Rounds, The Cleveland Clinic Foundation, Cleveland, OH. January 12, 1990.

Spoke at the University of North Carolina School of Medicine, and the Triangle Bioethics Forum at the National Humanities Center, Chapel Hill and Research Triangle Park, NC. February 13-14, 1990.

"The Ethics of Performance Enhancing Drugs in Sport." University of Akron Department of Philosophy, Akron, OH. February 15, 1990.

Spoke on fetal tissue transplantation, American Association for the Advancement of Science Annual meeting, New Orleans, LA. February 20, 1990.

"Ethical Issues in Ophthalmology." University Hospitals Department of Ophthalmology, Cleveland, OH. February 28, 1990.

"Ethical Issues in the Withdrawal of Life Support." Seminar on "The Withdrawal of Life Support: Law, Ethics, and Hospital Policy," Health Trustees Institute, Cleveland, OH. March 16, 1990.

"Ethics and the Human Genome Initiative." Case Western Reserve University Department of Biology Colloquium, Cleveland, OH. March 29, 1990.

"Ethical issues in genetic fingerprinting." Committee on DNA Technology in Forensic Science, National Research Council, Washington, DC. April 17-18, 1990.

"Gifts of the Body." Transplantation Ethics conference, Northeastern Ohio Universities College of Medicine, Akron, OH. April 21, 1990.

"Ethical Issues in Genetic Screening." 1990 American College of Occupational Medicine Conference, Houston, TX. May 2, 1990.

"Ethics of Human Fetal Tissue Transplantation." The City Club of Cleveland, Cleveland, OH. May 9, 1990.

"Health Care Rationing: The Impact of American Values." Conference on "Setting Limits: Economics and Ethics of Health Care in the 1990s," Chapel Hill, NC. May 19-20, 1990.

"The Genome Initiative: Big Science, 'Big Ethics'." 1990 Health Law Teachers Conference, Case Western Reserve University School of Law, Cleveland, OH. June 1, 1990.

"Ethical Issues in Genetic Engineering: The Promise and the Peril." Engineering Foundation Conference on "Progress in Recombinant DNA Technology and Applications," Potosi, MO. June 7, 1990.

"Moral Obligations and the Not-Yet-Born Child." The Hastings Center Fellows meeting, Briarcliff Manor, NY. June 9, 1990.

Conducted workshop on "Helping Students with Moral Dilemmas." Indiana Department of Education, Indianapolis, IN. June 27, 1990.

"The Moral Tensions of Nonprofits in a Market Economy." National conference on "Facing the Dilemmas," Cleveland, OH. June 29, 1990.

Panel on "Ethical, Legal and Counseling Issues." March of Dimes Birth Clinical Genetics conference on "Genetics of Gastrointestinal Disorders," Dearborn, MI. July 10, 1990.

"The Hunt for Ethics in the Human Genome Initiative." The Science and Public Policy Symposium, Marine Biological Laboratory, Woods Hole, MA. July 16, 1990.

Guest faculty, "Short Course in Medical and Experimental Mammalian Genetics." The Jackson Laboratory, Bar Harbor, ME. July 21-27, 1990.

"What is a Genetic Disease?" Conference on "The Bioethics of Human Genetic Engineering," Northeast Ohio Universities College of Medicine, Rootstown, OH. October 6, 1990.

"Mapping: The Genome Approach." Conference on "Creating our Prosperity: The Challenge of Genetics," Osteopathic Foundation & Family Medicine Center, Colorado Springs, CO. October, 25, 1990.

"Genetic Testing in Insurance: Ethical Issues." Conference on "The Impact of Human Molecular Genetics on Society," Banbury Center, Cold Spring Harbor Laboratory, NY. November 7, 1990.

"Pregnancy and Substance Abuse: Moral Obligations to the Not-Yet-Born?" Society for Health and Human Values Annual Meeting, Chicago, IL. November 8-11, 1990.

"Rationing Health Care: The Oregon Approach." Grand Rounds in Pediatrics, Rainbow Babies and Children's Hospital, Cleveland, OH. January 10, 1991.

"Ethical Implications and the Human Genome Project." Conference on "Genetics and the Moral Future of Humankind," Dennison University, Granville, OH. January 31, 1991.

"CF, Ethics, and the New Genetics" and "International Aspects of Genome Research: Ethical and Social Issues." American Association for the Advancement of Science Annual Meeting, Washington, DC. February 18 & 19, 1991.

"Drugs and Sports: The Ethics of Performance Enhancement." Study Group on "Science, Ethics and Public Policy," Institute of Politics, Harvard University, Cambridge, MA. February 27, 1991.

"Ethical Issues in Employment and Insurance." National Conference on "Legal and Ethical Issues Raised by the Human Genome Project," Houston, TX. March 7-9, 1991.

Panel on "Genetic Screening in Insurance and Employment." Conference on "A Legal Research Agenda for the Human Genome Initiative," Tempe, AR. March 15-16, 1991.

"Setting Limits on Access to Health Care." Program on "Allocating Limited Healthcare Resources," Health Trustees Institute, Cleveland, OH. May 2, 1991.

Panel on "Decisions to Withdraw or Withhold Medical Treatment: Legal, Ethical and Medical Issues." 1991 Health Law Institute, Cleveland, OH. May 3, 1991.

"Making Public Policy Amidst Moral Controversy." Symposium on "Questions in Medical Ethics," Hiram, OH. May 8, 1991.

"Multinational Corporations: Insurers and Employees." Conference on "Human Genome Research in an Interdependent World," Bethesda, MD. June 2-4, 1991.

"Dying With Your Values On: Recent Developments." Bioethics Network of Ohio First Annual Conference, CWRU School of Law, Cleveland, OH. June 7, 1991.

"Ethical and Value Issues in Genetic Testing." Conference on "Ethical and Legal Implications of Genetic Testing," Coolfont, WV. June 14, 1991.

Panel on "Is the Human Genome Project Distorting Bioethics?" Bioethics Retreat, Nantucket, MA. June 29, 1991.

"Insurance Issues." Conference on "Advances in Genetics Information: Public Policy Issues for States," Minneapolis, MN. September 5, 1991.

Panel on "What's Out There Waiting For Us?" American Society for Health Care Marketing and Public Relations Conference on "Winning Strategies for the Health Care Revolution," Boston, MA. September 16, 1991.

Presented results of survey of medical ethics and humanities programs. Society for Health & Human Values annual meeting, St. Louis, MO. October 10-13, 1991.

"Genetic Engineering: For the Good of Mankind?" Quinnipiac College, Hamden, CT. October 16, 1991.

Panel on "Workshop for Journalists Human Genome Technology: Social, Legal and Ethical Challenges." Council for the Advancement of Science Writing's 29th Annual New Horizons in Science Briefing, Chicago, IL. November 5, 1991.

Panel on "A Town Meeting: HIV and the Health Care Setting." The Cleveland Clinic Foundation, Cleveland, OH. November 12, 1991.

"Ethical Dilemmas: Case Conferences and Discussion," (with R. Hudson, M.D.) and "Ethics, Genetics and the Future of Medicine: Case Conferences and Discussions." University of Kansas School of Medicine, Wichita, KS. November 13, 1991.

"Ethics in Transplantation." Research Fellows Symposium on Transplantation, Chicago, IL. November 14, 1991.

"Ethical Issues, Questions and Answers." The Second Annual HIV Symposium: New Agents, New Controversies and Old Dilemmas, Medical College of Ohio, Toledo, OH. November 20, 1991.

"Ethics in the Olympics: Performance Enhancing Drugs and the Quest for Excellence." Aesculapian Lecture at the Medical College of Ohio, Toledo, OH. November 21, 1991.

"Ethical Implications of Human Molecular Genetics." Workshop on "Human Genetics and Genome Analysis," Cold Spring Harbor Laboratory, NY. February 24, 1992.

"Ethical Issues in Neurological Trauma Care." Conference on "Neurological Trauma: The Road to Re-Entry," Pittsburgh, PA. February 27, 1992.

"Ethical Issues of Prenatal Intervention." Interamerican University, San German, Puerto Rico. March 14, 1992.

"Genetics and the Moral Future of Humankind." The Brooklyn Hospital Center Department of Internal Medicine, Brooklyn, NY. March 17, 1992.

"Bioethics Isn't Just for Doctors Anymore." Grantmakers Forum, Cleveland, OH. March 26, 1992.

"Confronting One's Own Genetic Makeup: Towards Individual Self Understanding?" Symposium on "Genes and Human Self-Knowledge: Historical and Philosophical Reflections on Modern Genes," University of Iowa, Iowa City, IO. April 4, 1992.

"Genetics and the Moral Future of Mankind." Drake University, Des Moines, IO. April 8, 1992.

"Ethical Obligations of Boards and Staff." Rose-Mary Center, Cleveland, OH. April 11, 1992.

Panelist, "A Public Forum: Developing Genetic Technologies: Implications for the Future." Sponsored by the National Center for Human Genome Research, Iowa City, IA. April 20-21, 1992.

Commentator at "Organ Transplantation: The Human and Cultural Context." The Park Ridge Center, Chicago, IL. April 25-27, 1992.

"Rationing of Healthcare." Community Hospital of Bedford, Aurora, OH. April 29, 1992.

"Ethical Considerations in Cancer Risk Notification." Keynote address at "Genetic Epidemiology of Cancer: A Multidisciplinary Approach," Bethesda, MD. April 30, 1992.

With M. Chren, "Ethical Issues in Gifts to Doctors from For-Profit Companies." Society of General Internal Medicine, Washington, DC. May 1, 1992.

"Is It Well with the Child?" Fairmount Presbyterian Church, Cleveland Heights, OH. May 3, 1992.

"Ethical Issues of the Human Genome Project." Beckman Center for the History of Chemistry, Philadelphia, PA. May 11-12, 1992.

Moderator: "A View from the Front Lines: Researchers and Clinicians Respond." AAAS-ABA Conference on Ethical and Legal Aspects of Genetic Testing, Los Alamos, NM. June 20, 1992.

"Social and Ethical Dangers of Learning You are at Genetic Risk." NHLBI workshop on "Identification and Management of Heterozygous Familial Hypercholesterolemia," Bethesda, MD. July 21, 1992.

"Ethics and Genetics." Grant Taylor Lecture, M.D. Anderson Cancer Center, Houston, TX. September 23-24, 1992.

"Ethical Issues of Genetic Intervention, Control and Research." Albion College, Albion, MI. September 24, 1992.

"The Worth of the Child." Conference on "Justice and Child Health," Cleveland, OH. September 25, 1992.

Panel on "Ethical Issues in Genetic Testing." Conference on "Genetic Issues in Insurance Medicine," Arlington, VA. February 9, 1993. [Proceedings published in <u>Journal of Insurance Medicine</u>, 25(2), supplement B, pp. 252-262, 1993.]

"Genetics and the Moral Future of Humankind." Keynote address at 16th Annual Science Education Convention sponsored by the Science Education Council of Ohio and the Ohio Department of Education, Cleveland, OH. February 19, 1993.

"Human Gene Therapy: Ethics and Public Perspectives." Ninety-fourth Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Honolulu, Hawaii. March 26, 1993.

Moderator, "Human Genome and the Insurance Law." International Workshop on "The Human Genome Project: Legal Aspects," Bilbao, Spain. May 25, 1993.

"Health Care Cost Issues in Sports Medicine." Johnson & Johnson's National Athletic Trainers Association Clinical Symposium, Kansas City, KS. June 10, 1993.

Panel on "Genes and Insurance." Fifth Annual Bioethics Summer Retreat, Taos, NM. June 27,1993.

"Principles, Virtues and Cases: Practical Reasoning in Bioethics" and "Research on Children." Medical Ethics for the 90's: An Intensive Skill Building Workshop, East Lansing, MI. July 11-12, 1993.

"Practical Moral Reasoning and the Not-Yet Born Child." Society for Bioethics Consultation 7th Annual Meeting, Cleveland, OH. September 11, 1993.

Panel on "Genetic Screening and Testing." New York State Task Force of Life and the Law Annual Retreat, White Plains, NY. September 13-14, 1993.

"Ethics and Just Health Care." The University of Utah, Salt Lake City, UT. October 6, 1993.

"Is There Anything Special about Genetic Disorders? Social Justice and Health Care Coverage." American Neurological Association's 118th annual meeting, Boston, MA. October 19, 1993.

"New Reproductive Technologies and the Family." The National Advisory Board on Ethics in Reproduction, Washington, DC. November 5, 1993.

"The Worth of a Child." Presidential address at the annual meeting of the Society for Health and Human Values, Washington, DC. November 7, 1993.

"The Future of Health Care." The Urban Institute's public policy forum on "America's Future: Jobs, Health Care, and Urban Policy," Washington, DC. November 17, 1993.

"The Worth of a Child" and "Research on Children." Public lecture and Grand Rounds in Pediatrics, Texas Tech University Health Sciences Center, Lubbock, TX. December 9-10, 1993.

"Ethics, Genetics, and Insurance." Medical Grand Rounds, Henry Ford Hospital, Detroit, MI. February 10, 1994.

Panel on case study "Bristol-Myers Squibb and Videx." Association for Practical and Professional Ethics Third Annual Meeting, Cleveland, OH. February 25, 1994.

"Identifying People at Risk of Cancer: Ethics and Insurance." At "Genes and Cancer: Potential for Early Diagnosis and Identifying Genetic Susceptibility," the University of Tennessee Health Science Center, Memphis, TN. April 22, 1994.

"Ethical Issues in Human Embryo Research." Grand Rounds, Department of Obstetrics and Gynecology, University Hospitals of Cleveland, Cleveland, OH. May 18, 1994.

"Genetic Information and Insurance." Clinical Genetics Conference, Center for Human Genetics, Cleveland, OH. May 26, 1994.

"Genetic Engineering and Genetic Discrimination." "From Here to Eternity: Issues Confronting Contemporary Jews," sponsored by the Congress of Secular Jewish Organizations, Cleveland, OH. May 28, 1994.

Panel on "Individualism and Community: The Contested Terrain of Autonomy." The Hastings Center's 25th Anniversary Celebration, New York, NY. June 3, 1994.

Panel on "Issues Facing Scientists." National Academy of Sciences' Convocation on Scientific Conduct, Washington, DC. June 6, 1994.

"Is Genetic Information Different from Medical Information?" National Academy of Sciences' conference on "Medical Information and the Right to Privacy," Washington, DC. June 9, 1994.

"Ethical, Legal and Social Issues of Genetic Differences in Susceptibility to Environmentally Induced Disease." 46th Meeting of the NIEHS Center Directors, Cincinnati, OH. June 14, 1994.

"Principles, Virtues and Cases: Major Perspectives in Biomedical Ethics" and "New Reproductive Technologies: Ethics and the Family." 4th Annual Conference on "Medical Ethics for the 90's," Michigan State University, East Lansing, MI. June 21-22, 1994.

Panel on "Casuistry: Flash in the Pan or Deep Substance?" Bioethics Summer Retreat, Bar Harbor, ME. June 28, 1994.

"Ethics and Health Care Reform." Alliance for Health Conference, "Issues and Ethics Facing Health Care Reform, Health Care Issues of the '90's - A West Michigan Perspective," Grand Rapids, MI. October 24, 1994.

"Ethical Obligations to the Elderly in a Changing Society." Conference on "Violence, Neglect, and the Elderly," The University of Tennessee, Knoxville, TN. October 28-29, 1994.

"Obligations to the Not Yet Born Child." Conference on "Legal, Medical and Ethical Issues in Women's Reproductive Health and Neonatology," American Society of Law, Medicine & Ethics, Naples, FL. January 5-7, 1995.

"Genetic Testing: What We Should Tell The Children," Annual Renata and Allen Hunter Lectureship in Pediatric Law and Ethics, Montefiore Medical Center at the Albert Einstein College of Medicine, Bronx, NY. February 22, 1995.

"Ethical Dilemmas and Public Policy in the Treatment of Genetic Disorders," Lecture at the 26th March of Dimes Clinical Genetics Conference, 2nd Joint Clinical Genetics Meeting of the American College of Medical Genetics, Los Angeles, CA. March 7, 1995.

"Genetic Screening and Diagnosis of Human Diseases: Ethical and Social Implications," Lecture at Genetic Screening and Diagnosis of Human Diseases, Cambridge Healthtech Institute's Conference, San Francisco, CA. March 9, 1995.

Panel on "Assessing Genetic Risks for Cancer: What You Don't Want to Know," the annual meeting of the Society of Surgical Oncology, Boston, MA. March 26, 1995.

"What Will the Human Genome Project Tell Us About Our Future Selves? And Who Wants to Know?" The Caldwell Memorial Lectureship in Biochemistry, Earlham College, Richmond, IN. April 17, 1995.

"Ethics in Clinical Research: Something Old, Something New." Lecture at American Pediatric Society, Society for Pediatric Research, and Ambulatory Pediatric Association, 1995 Annual Meeting, San Diego, CA. May 7-11, 1995.

"Combating Insurance and Workplace Discrimination." Lecture at The New Human Genetics—Implications for Society, First Annual Cold Spring Harbor Laboratory President's Council Meeting, Cold Spring Harbor, NY. May 12-13, 1995.

"Assessing Genetic Technologies: Ethical Issues." The Genome Imperative, Institute for Applied Health Care Ethics at City of Hope, Pasadena, CA. May 22, 1995.

"Overview of Genetic Information and Health Insurance." Lecture at Genetic Discrimination and Health Insurance: A Case Study on Breast Cancer. A Workshop Sponsored by the National Action Plan on Breast Cancer and the NIH-DOE Working Group on the Ethical, Legal, and Social Implications of Human Genome Research, Bethesda, MD. July 11, 1995.

"Ethics and Drug Control in Olympic Sport." Lecture at the Third IOC World Congress on Sport Sciences, Atlanta, GA. September 22, 1995.

"Genetics, Justice & Health Insurance." Coffee and Conversation two Lectures sponsored by the Bioethics Resource Group, Ltd., Charlotte, NC. September 21, 1995.

"A Symposium: The Dilemma of Medical Ethics for Christian Caregivers." Lecture at John Knox Presbyterian Church, North Olmsted, OH. October 7, 1995.

"What Sort of Future Should Bioethics Have?: Substance and Politics." Lecture at Bioethics: Past, Present, and Future, Center for Biomedical Ethics at the University of Minnesota, Minneapolis, MN. October 26, 1995.

"Genetic, Justice and Access to Health Care." Panel participant Genetic Awareness Symposium, The American Society of Human Genetics, Minneapolis, MN. October 26, 1995.

"Children at Risk: To Test or Not to Test." Panel presentation at Genetic Conditions That Affect Adults: Implications for Genetic Counseling, Testing, and Public Policy, 1995 NSCG Annual Education Conference, Minneapolis, MN. October 29, 1995.

"Human Genome Research: A Blessing or a Curse?" Presenter at the Jewish Biomedical Conference, Washington, DC. November 1, 1995.

"Ethical Issues in the Human Genome Project." Medical Grand Rounds, Department of Medicine, Mt. Sinai Health Care System, Cleveland, OH. March 6, 1996.

"Drug Use in Sports and the Ethics of Competition." Speaker at the Closing Plenary Session, American Association for Clinical Chemistry & Canadian Society of Clinical Chemists, Chicago, IL. August 1, 1996.

"The Bioethical Problems of Doping." Presenter at the International Symposium, Doping in Sport and Its Legal and Social Control, University of Alabama, Birmingham, AL. August 7, 1996.

"A Growing Problem? Growth Hormone and Research on Children." Lecture at the University of Virginia, Charlottesville, VA. September 24, 1996.

"What is This Thing We Call Genetic Discrimination? What Makes it Wrong?" Presenter at the Human Genome Project: Social, Ethical and Legal Implications Conference, Tuskeegee University, Tuskeegee, AL. September 26-28, 1996.

"Impact of Genomics on Behavior." Panelist at Through the Genomics Looking Glass: Insights into the Complexities of Disease and Behavior, National Conference on Biotechnology Ventures, Redwood Shores, CA. October 29, 1996.

"Ethical Issues in Genetic Testing." Lecture at Conference on Ethical Issues in Genetic Testing, Indiana University Medical Center, Indianapolis, IN. November 6, 1996.

"The Ethics at the Frontier of Medicine." Morning Address at The Landscape of Ethics, The 14th Annual Cuyahoga Community College Faculty Symposium, Cleveland, OH. March 1, 1997.

"Ethics Commissions: Doing Ethics in Public." Lecture at the American Association for the Advancement of Science and Engineering Fellows Meeting, Washington, DC. March 20, 1997.

"Medicine, Science, and Ethics in the Twenty-First Century." Lecture at Science Technology and the 21st Century Conference, Cameron University, Lawton, OK. March 22, 1997.

"Moral Challenges in Contemporary Clinical Genetics." Lecture at Great Lakes Regional Genetics Group Annual Meeting, Cleveland, OH. April 5, 1997.

"Genetic Discrimination, Genetic Privacy and Genetic Screening for Cancer." Lecture at Screening for Genetic Risk of Cancer: Many Mutations and Many Dilemmas, Western Reserve Care System, Seventeenth Annual Cancer Symposium, Youngstown, OH. April 10, 1997.

"Ethical Perspectives" Lecture at Biomarkers, the Genome and the Individual Conference, The Medical University of South Carolina's Environmental Hazard Assessment Program, Charleston, SC. May 5, 1997.

"Genetics, Cloning and the Moral Future of Humankind" Lecture at Houston Area CWRU Alumni Chapter Meeting, Houston, TX. May 9, 1997.

"An Overview of Genetics in the Context of Ethics" Lecture at Human Genetics, The Fifth Annual Conference on Medical Ethics & Religion, Duquesne University, Pittsburgh, PA. May 14, 1997.

"Drugs and Sport: The Ethics of Performance Enhancement." Medical Grand Rounds, Case Western Reserve University, Cleveland, OH. May 27, 1997.

"Challenges to the American Character in the 21st Century: Medicine and Ethics, Mind and Spirit, The Search for Racial Equality, and Foreign Policy." Panelist at the John Ben Shepperd Public Leadership Institute at the University of Texas of the Permian Basin, Odessa, TX. June 5, 1997.

"The Worth of a Child." Presentation at Ninth Annual Bioethics Summer Retreat, Hilton Head, SC. June 14, 1997.

Speaker at ACLI Board of Directors Meeting, Newport Beach, CA. September 4, 1997.

"Treatment/Enhancement Distinction: Conceptual, Ethical and Social Issues," Ethical Issues portion of program at the National Institutes of Health 1st Gene Therapy Policy Conference, Washington, DC. September 11, 1997.

"Setting Policy and Developing Guidelines on Human Germ-Line Research and Applications," AAAS Forum on Human Germ-Line Interventions, Washington, DC. September 25, 1997.

"Genes, the Environment and Health: Ethical Implications," at Genes, Environment and the Inherited Basis of Disease Symposium, Wayne State University, School of Medicine, Dearborn, MI. October 31, 1997.

"The Ethical Side of Drug Use," United States Olympic Congress, Orlando, FL. November 3, 1997.

"Cloning, Genetics, and Moral Responsibility," Brackenridge Visiting Scholar Lecture Series, The University of Texas Health Science Center at San Antonio, San Antonio, TX. November 4, 1997.

"Moral Challenges of the New Genetics: Genetic Privacy and Discrimination," Medicine Grand Rounds, The University of Texas Health Science Center at San Antonio, San Antonio, TX. November 5, 1997.

"What is a Child? Parents, Children, and New Reproductive Technologies," Brackenridge Visiting Scholar Lecture Series, The University of Texas Health Science Center at San Antonio, San Antonio, TX. November 5, 1997.

Panel on "Cloning-The Dilemmas" Area Business and Clergy Dialog, The University Club, Cleveland, OH. January 21, 1998.

"Knowing What Your Mission is Makes Life Easier—Not Easy, But Easier," Association for Practical and Professional Ethics, Seventh Annual Meeting, Dallas, TX. February 26, 1998.

"From Cloning to Xenotransplants," Speaker at Public Policy Issues Symposium, Human Genome Meeting, Turin, Italy. March 29, 1998.

"Guidelines for Ethical Management Decisions," Speaker at the 1997-1998 Breakfast Dialogue Series, sponsored by the American Red Cross of Greater Cleveland and the Mandel Center for Nonprofit Organizations. April 16, 1998.

"Deliberations of The National Bioethics Advisory Commission," American Society for Investigation Pathology Publics Affairs Session, Annual Meeting/Experimental Biology 98, San Francisco, CA. April 20, 1998.

Lecture on "Ethical Controversies in Pediatrics," Pediatric Academic Societies' Annual Meeting, New Orleans, LA. May 5, 1998.

"The Worth of a Child: Moral Reasoning as Tapestry & Web," Keynote Lecture at the Bioethics Network of Ohio Annual Conference, Columbus, Ohio. May 14, 1998.

"What Sort of Nation Shall We Be?: Genetics, Reproduction, and Shared Values." Keynote Address at the Genome Conference, Washington, DC. May 15, 1998.

Lecturer, Genome Horizons: Public Deliberations and Policy Pathways, University of Michigan School of Public Health, May 16, 1998.

Panelist, "Racial Differences in Health Status, access, and Outcomes: Local Data, National Agenda" Symposium, sponsored by the Center for Health Care Research and Policy, Case Western Reserve University, Cleveland, OH. June 4, 1998.

Keynote address, "Cloning and Other Bright Ideas: Some Reflections on Ethics in Reproduction," APPE Conference, University of Montana, August 2, 1998.

Organizer and Chair, "Consent, Community, Property, and Disembodied Human Tissues: The National Bioethics Advisory Commission's Report on the Use of Human Biological Materials in Research;" Lecturer, "Ethical issues in the use of human biological materials in research," ASBH Eighteenth Annual Meeting, September 3-6, 1998.

"Ethical Issues in the Use of Human Biological Materials in Research. "Lecture at Association for Politics and the Life Sciences' Annual Meeting. September 4, 1998.

"One Pill Makes You...: The Brave New World of Pharmacologic Enhancement." Lecture at the University of Virginia School of Medicine, September 9, 1998.

"Genetics, Race and Bioethics," Center for Bioethics Fall Conference, Tuskegee University, Tuskegee, AL. September 21, 1998.

"Ethical Issues Raised by the New Genetics." Panelist, Fourth Annual Pauline Wilson Horner Genetics Symposium, Center for Human Genetics of University Hospitals Health System, Cleveland, OH. October 8, 1998.

"Cloning, Genetics, and the President's Commission: Some Adventures in Bioethics." Featured speaker at the CWRU New York Alumni Association, Greenwich, CT. October 8, 1998.

Speaker, "Mastering Our Genes: At What Price?" Twentieth Annual Human Values Forum, sponsored by the Department of Clinical Ethics of Lutheran General Hospital, Park Ridge, IL. October 21, 1998.

"The Ethics of Cloning" and "The Human Genome Project and the Future of Health Care." Lecturer at The Fred B. Nugent, MD Memorial Lecture series, Reading Hospital and Medical Center, Reading, PA. October 28, 1998.

Panelist, "Did CWRU-SOM Participate in Unethical Research in Uganda?" DCWRU School of Medicine, Cleveland, OH. December 10, 1998.

"Biomedical Ethics in the New Millennium." Sinai Sunday Evening Forum, Michigan City, IN, January 10, 1999.

'Cloning, the Olympics, and the Human Genome Project: Some Adventures in Bioethics.' Temple University, Philadelphia, PA, February 12, 1999.

"The Use of Genetic Information in Insurance Decisions." Presentation at a meeting of the New York State Task Force on Life and the Law, New York, NY, February 24, 1999.

"Cloning, Reproductive Technologies and the Human Genome Project: Ethical Challenges for the Future." The Annual John Conley Lecture in Medical Humanities, Division of Humanities in Medicine, SUNY Downstate Medical Center, Brooklyn, NY, March 11, 1999.

"What Sort of Children Shall We Have, What Sort of Parents Shall We Be?" Bioethics Seminar, Institution for Social and Policy Studies, Yale University, New Haven, CT, March 24, 1999.

"Choosing Our Children: The Ethics of Enhancement and Genetic Technologies." Forum on Bioethical Issues in Society, Joseph Slifka Center, Yale University, New Haven, CT, March 24, 1999.

"If There are Rights to Health Care Why Did Americans Reject Health Care Reform in 1994, and Why Might That Be a Good Thing?" Colston Symposium, The Centre for Ethics is Medicine, Rights and Rationing in Healthcare, University of Bristol, Bristol, UK, April 16, 1999.

"Reflections on the Ethics of Research with Children." Belmont Conference, University of Virginia, Charlottesville, VA, April 17, 1999.

"Genetics, Cloning, and the Olympics: Some Reflections on the Science and Ethics of Enhancement." Conversations on Bioethics, The Hastings Center, Garrison, NY, April 23, 1999.

"Genetic Engineering and the Human Genome Project." An Interdisciplinary Conference and Community Discussion, The Albright College Center for Ethics, Law, and Medicine, Reading, PA, April 24, 1999.

"Genetic Privacy and Discrimination: Health Insurance and Employment Problems for Persons with Genetic Susceptibility to Cancer." Ethical Boundaries in Cancer Genetics Symposium, St. Jude Children's Research Hospital, May 27, 1999.

"Priority Setting in Health Care: Can it be Done? Ought it be done?" Harvard Medical School Conference, Boston, MA, May 28, 1999.

"The Coercive and Seductive Powers of Elite Sport: An Ethicist's Perspective." American College of Sports Medicine, Annual Meeting, Seattle, WA, June 5, 1999.

"Ethics, Policy, and New Reproductive Technologies." Association for Politics and the Life Sciences, Annual Meeting, Atlanta, GA, September 2, 1999.

"Ethics and Genetics." Ethics and the Transformation of Medicine, University College, Oxford, England, September 18, 1999.

"Doing Ethics in Public: The President's Bioethics Commission and Human Stem Cells." Science and Technology Policy Forum, New York Academy of Sciences, New York, NY, September 22, 1999.

"The Ethics of the New Genetics." Lecture Series for Merck employees, Merck Headquarters, Rahway, NJ, September 28, 1999.

"Doing Ethics in Public: The President's Bioethics Commission and Human Stem Cells." Interdisciplinary Bioethics Committee at Yale University, New Haven, CT, October 1, 1999.

"Ethics, Genetics, and the Future of Health Care." Ethical Challenges in Health Care Today and Tomorrow, Texas Tech University, Amarillo, TX, October 2, 1999.

"Doing Bioethics in Public: Reflections on the Possibilities and Perils of Bioethics Commissions." Plenary Session/President's Address, ASBH 1999 Annual Meeting, Philadelphia, Pa, October 30, 1999.

"Genetics and the Moral Future of Humankind: Three Challenges." John Carroll University, University Heights, OH, November 4 & 5, 1999.

Panelist, International Perspectives on Ethics Training for Human Subjects' Research, Global Forum on Bioethics in Research, sponsored by the Fogarty International Center, National Institutes of Health, Bethesda, MD, November 10, 1999.

"Genetics, Ethics, and the Future of Medicine." The Obstetrical Society of Philadelphia, Spring City, Pa, November 11, 1999.

"What's So Special About Genetics?" Medical Ethics Faculty Seminar, Harvard Medical School, Boston, MA, November 19, 1999.

"Genetics and the Moral Future of Humankind," The Nancy Weaver Emerson Lectureship, The Center for the Study of Medical Ethics and Humanities, Duke University School of Medicine, Durham, NC, December 1, 1999.

"Origins: The Commissions and Other Ethical Antecedents of IRBs – NBAC", PRIM&R's 25<sup>th</sup> Anniversary Conference, IRBs Throught the Looking Glass, Boston, MA, December 6, 1999.

"Genetics and the Moral Future of Humankind," Public Lecture, Michigan State University, Integrative Studies Institute, East Lansing, MI, January 24, 2000.

"The Ineluctably Interdisciplinary Nature of Bioethics," Colloquium, Michigan State University, Integrative Studies Institute, East Lansing, MI, January 25, 2000.

"Repairing the Tapestry of our Culture," Third Annual Jim Miller Celebration of Teaching Day, The Center for Excellence in Teaching, Edinboro University of Pennsylvania, Edinboro, PA, February 11, 2000.

"What's So Special About Genetics?: A Critical Look at the Ethical Implications of the Human Genome Project." Brin Lecture, Johns Hopkins University, Baltimore, MD, February 17 & 18, 2000.

'National Bioethics Advisory Commission,' Frontier Research: Stem Cell Controversy, Human Futures Symposia, 2000 AAAS Annual Meeting and Science Innovation Exposition, Washington, D.C., February 21 2000.

"Reproductive Technologies and the Future of Parenthood," Deemer Symposium, Hiram College, Hiram, OH, April 3 & 4, 2000.

"Bioethics and Anthropology: An Occasionally Troubled, But Often Fruitful Relationship," Ethics and Anthropology: Facing Future Issues in Human Biology, Globalism, and Cultural Property, The New York Academy of Sciences, New York, NY, April 14, 2000.

"Genetic Exceptionalism and "Future Diaries:" Is Genetic Information Different from Other Medical Information?" OPRR/FDA Regional Conference on "Sensitivity in Research Involving Individuals with Cognitive Impairments, Genetics and Tissue Banks", Chicago, IL, June 8, 2000.

"Ethical Dilemmas in Stem Cell Research," Ethics of Stem Cell Research panel, International Festival of Arts & Ideas, New Haven, CT, June 15, 2000.

Lectures on ethical issues in biomedical research, Summer Program for Undergraduate Research in Molecular and Cellular Biosciences, Wadsworth Center, New York State Department of Health, Albany, NY, July 31, 2000.

"Autonomy and Reproductive Ethics," and Panelist, "Stem Cells and Embryo Research and Disposition," The Ethics and Politics of Reproductive Technologies Conference, Princeton University, Princeton, NJ, February 23 and 24, 2001.

Conflicts of Interest in Clinical Research: Legal and Ethical Issues, Widener University School of Law, Wilmington, DE, March 15, 2001.

"Is There Anything Special About Genetics?" and "Public Policy, Ethics and Moral Disagreement: NBAC and Human Stem Cells," Human Genome Odyssey Conference-The Science, Business, Law and Ethics of Engineering Human Life, University of Akron, Akron, OH, April 5-7, 2001.

Mammalian Cloning-Human Applications Seminar, University of California San Diego, San Diego, CA, April 30, 2001.

"The Ethics of Stem Cell Research," The Eleventh Annual Howard A. Schneiderman Memorial Bioethics Lecture, University of California Irvine, Irvine, CA, May 2, 2001.

"Ethics in Sports Medicine," 48th Annual Meeting of the American College of Sports Medicine, Baltimore, MD, May 30, 2001.

Panelist, "The Ethics of Human Cloning," AAHP's 2001 Managed Care Institute & Display Forum, A Brave New World: Opportunities, Challenges and Tradeoffs, Los Angeles, CA, June 11, 2001.

"Ethical Issues in the Human Genome Project" and "The Ethics of Genetic Enhancement," Genomics & Proteomics: Impact on Medicine and Health Symposium, sponsored by the Asan Medical Center, University of Ulsan College of Medicine and Harvard Medical International, Seoul, Korea, July 3-4, 2001.

Panelist, "The Ethical and Social Issues Relating to the Inclusion of Identified Populations in a Haplotype Map Project and the Meaning of Consent," Developing a Haplotype Map of the Human Genome for Finding Genes Related to Health and Disease meeting sponsored by the National Institutes of Health, Washington, DC, July 18-19, 2001.

"Population Genetics/Genomics and Their Implications for the Future of Health Care," Oxford-Hastings-Harvard Consortium on Bioethics, Harvard Medical School, Cambridge, MA, September 28, 2001.

"Genetics, Ethics and the Future of Healthcare," Wiese Lecture, Ethics and Genetics: Promises and Pitfalls in Clincial Practice, Brigham and Women's Hospital Ethics Service, Boston, MA, October 22, 2001.

Panelist, "Bioethics as Policy: Experiences from Federal Advisory Committees," ASBH Annual Meeting 2001, Nashville, TN, October 25, 2001.

"Human Flourishing, Religion and Bioethics: Making Public Policy in the Face of Deep Disagreements Over What it Means to be Human," What Does it Mean to Be Human conference, Center for the Study of Religion, Princeton University, Princeton, NJ, November 8 and 9, 2001.

"Health Care Reform and Other Inspired Ideas," Genetic Discrimination in Employment and in Health Insurance Conference, Cleveland-Marshall College of Law, Cleveland, OH, December 7, 2001.

"Human Cloning," Health Care and Society course, Albany Medical College, Albany, NY, 9 January 2002.

"The Ethical Use of Human Research Subjects," Tri-Institutional Course on the Responsible Conduct of Research, sponsored by the Joan and Sanford I. Weill Medical College of Cornell University, Memorial Sloan-Kettering Cancer Center and Rockefeller University, New York, NY, 29 January 2002.

"Bioterrorism: Too Small to Beat?" Dinner Meeting, World Economic Forum, Rockefeller University, New York, NY, 3 February 2002.

"Means and Meaning: Will New Means of Reproduction Alter the Meaning of Parenthood," 'The End of Natural Motherhood? The Artificial Womb and Designer Babies,' a conference sponsored by The Ethics Center of Oklahoma State University, Tulsa, OK, 23 February 2002.

"Genetics and the Moral Future of Mankind," the Lyceum Lecture, Victoria College, Victoria, TX, 11-12 March, 2002.

"Domesticating the Genome: How Genetic Information is and is not Different from Other Kinds of Information," Exploring Medicine in the Post-Genome World, University of North Carolina School of Medicine, Chapel Hill, NC, 19-20 April 2002.

"Cloning and Stem Cells: The Ethical Issues," Research Ethics for the Pharmaceutical Investigator, Pfizer Headquarters, New York City, May 3, 2002.

"The Implications of Genomics for the Future of Health Insurance and Underwriting," Emerging Technologies & Healthcare Innovations Congress (ETHIC) conference on the Impact & Promise of Technology on the Future of Healthcare, Washington, DC, 19-21 June 2002.

"Ethics, Genetics and Reproductive Technologies," Genetic Engineering: A Brave New World or a Bridge Too Far? Vail Valley Institute Seminar, Vail Valley, CO, June 27-30, 2002.

"The Ethics (and Politics) of Stem Cell Research," Annual Bioethics Lecture at the Marine Biological Laboratory, Woods Hole, MA, July 24, 2002.

"Parents, Children and Human Flourishing," Genetics, Reproduction and the Future of the Family, Hastings, Harvard and Oxford Meeting, September 4, 2002.

'Genetics, Ethics and the Future of Health Care,' 12<sup>th</sup> Annual Richard T. Beebe, MD Professor of Medicine Lecture, Albany Medical College, Albany, NY, September 17, 2002

'Ethical Issues in Stem Cell Research: Why it is OK to Do This,' 7<sup>th</sup> Annual Ethics Symposium, Albany Medical College, Albany, New York, September 18, 2002.

"Parents and Children: What We Value and How That is Challenged by Cloning and New Reproductive Technologies," Nobel Conference XXXVIII, 'The Nature of Nurture,' Gustavus Adolphus College, Saint Peter, MN, October 2, 2002.

"What Lies Beneath the Ethical and Political Furor Over Stem Cell Research?" The American Society of Human Genetics 52<sup>nd</sup> Annual Meeting, Baltimore, MD, October 19, 2002.

"Genetic Ties and the Future of the Family" panel member at American Society for Bioethics and Humanities Annual Meeting, Baltimore, MD, October 24, 2002.

"On the Ethics (and Politics) of Stem Cell Research," the Inaugural Symposium of the Institute for Cell Engineering, Johns Hopkins University School of Medicine, Baltimore, MD, October 28, 2002.

"The Stream Flows in One Direction: Children, Parents, and Cloning," first annual Paul S. Pierson M.D. Memorial Lecture in Bioethics, Medical College of Wisconsin, Milwaukee, WI, November 21, 2002.

"Conflict of Interest," 'Responsible Conduct of Research: A Tri-Institutional Program for Research Trainees, Tri-Institutional Ethics Course – collaboration with Weill Medical College, The Rockefeller University and Memorial Sloan-Kettering Cancer Center, Weill Medical College, New York, NY, January 28, 2003.

"The Future of Cloning in the United States after the Kass Report," part of panel addressing the Fellows of the Biotechnology Study Center, New York University School of Medicine, The Water Club, New York City, January 29, 2003.

"Cloning, Ethics and the Meaning of Parenthood," lecture in the Ethics in Medicine course at the University of Texas-Houston Health Science Center, Houston, Texas, February 5, 2003.

"Parents, Children and Cloning," Matthew Vandivier Sims Memorial Lecture, Poynter Center, Indiana University, Bloomington, IN, March 5, 2003.

"Cloning, Ethics, and the Meaning of Parenthood," the Hastings Center Bioethics Colloquium, Garrison, New York, March 14, 2003.

"What Are Families For? Reflections on the Ethics of ART's,' 'The Human Embryo – Issues Surrounding the Beginning of Life,' the 33<sup>rd</sup> Annual Conference of the International Society for Advancement of Humanistic Studies in Medicine, Steamboat Springs, CO, March 16, 2003.

"The Ethics (and Politics) of Stem Cell Research," 'The Human Embryo – Issues Surrounding the Beginning of Life,' the 33<sup>rd</sup> Annual Conference of the International Society for Advancement of Humanistic Studies in Medicine, Steamboat Springs, CO, March 17, 2003.

"Cloning, Ethics and the Meaning of Parenthood," College of Arts and Sciences Distinguished Lecture Series, West Chester University, West Chester, PA, March 24, 2003.

"Ethical Considerations," Bringing the Genome to You, a Public Symposium, Washington, D.C., April 15, 2003.

"Issues and Paths for Continued Dialogue," panel member at the Trans-Atlantic Dialogue on Genetics and Health: Research Frontiers and Ethical, Economic, Legal and Social Issues, symposium co-hosted by the Royal Norwegian Embassy through its Norwegian Research and Technology Forum and the Center for Strategic & International Studies, Washington, D.C., May 16, 2003.

"Genetics, Ethics and the Future of Healthcare," Groton Labs Double Helix Symposium, Anniversary of the Double Helix, Pfizer, Groton, CT, June 19, 2003.

"Genetic Contribution to Moral Dilemmas," panel member, Biotechnology Industry Organization (BIO) 2003 Annual Meeting, Washington, DC, June 24, 2003.

"The Worth of a Child – Issues of Bioethics & Genomics," lecture, Renaissance Weekend, St. Andrews, Scotland, July 28, 2003.

Concluding Remarks at retirement celebration for Alastair Campbell, University of Bristol, Bristol, United Kingdom, August 1, 2003.

"Meeting Ethical Challenges in Science and Technology: From Tuskegee to Stem Cells," keynote presentation, Ethics and Science in Technology: A Public Forum, University of San Diego, California, September 8, 2003.

"The Ethics of Genetic Enhancement: How Far Would You Go to Improve Your Game?" San Diego Science & Technology Council, UCSD School of Medicine, California, September 8, 2003.

"Ethics, Genetics and the Future of Health Care," Ethics in Health lecture series, sponsored by Universite Claude Bernard Lyon I, Hopitaux de Lyon and Clinique International Francopohne Reseau d'Ep[idemiologie, Lyon, France, September 29, 2003.

"Quality of Life Care and the Health Care System," Medicine and the End of Life, Societe Francaise et Francophone d'Ethique Medicale, annual meeting, Paris, France, October 2, 2003.

"Genetic Information: Plus a change, plus c'est la meme chose?" Public Symposium on Genetic Exceptionalsim, panel member, Roche, Nutley, NJ, December 10, 2003.

"Creating a World We Won't Want to Inhabit?" panel member, Responsible Science and 21<sup>st</sup>-Century Dilemmas symposium, AAAS Annual Meeting, February 15, 2004, Seattle, WA.

"Bigger, Faster, Stronger: Genetic Enhancement and Athletics," panel member, Science, Entertainment and the Media, AAAS Annual Meeting, February 16, 2004, Seattle, WA.

"Stem Cell Science in the Service of Society," panel member, Responsible Science and 21<sup>st</sup>-Century Dilemmas symposium, AAAS Annual Meeting, February 1f6, 2004, Seattle, WA.

"Teaching Values: Should We? Can We?" plenary session moderator, Higher Education and the Hudson River Valley: Meeting the Environmental Challenge, Tarrytown, NY, February 27, 2004.

"Ethics (and political) issues in research with human stem cells," Stem Cells: nuclear reprogramming and therapeutic applications, Novartis Foundation Symposium 265, London, England, March 4, 2004.

"Ethics of Stem Cell Research," Stem Cells: nuclear reprogramming and therapeutic applications, Novartis Foundation, London, March 5, 2004.

"Ethical, Legal and Social Issues in Human Genome Research," Gannon Lecture, Fordham University Center for Ethics Education, Bronx, New York, April 14, 2004.

'Issues in genetics,' panel member, The genetic age symposium, The Royal Institution of Great Britain, London, England, June 3, 2004.

"Better than Best?: What Can Performance Enhancement in Sport Tell Us about the Distinction Between Therapy and Enhancement?" The Thirteenth Annual John J. Conley, M.D. Ethics Lecture, Saint Vincent Catholic Medical Centers, St. Vincent's Manhattan, June 11, 2004.

"Human Stem Cell in the Spotlight," panel member, World Knowledge Forum 2004, Seoul, South Korea, October 12, 2004.

"Ethics, Law, and Genetic Information in a Global Environment," 5<sup>th</sup> Human Genome Organization Pacific Meeting and 6<sup>th</sup> Asia-Pacific Conference on Human Genetics, Singapore, November 18, 2004.

"On Genetic Studies in Special Populations: "A Number" of Ethical Issues," Genetic Studies in Special Populations Forum, sponsored by the Genomic Medicine Discussion Group of the New York Academy of Sciences, Rockefeller University, New York, New York, December 8, 2004.

"Knowing Your Own Mind," panel member, World Economic Forum, Davos, Switzerland, January 28, 2005.

"Are Stem Cells Silver Bullets?" panel member, World Economic Forum, Davos, Switzerland, January 29, 2005.

"The Genetic Age: Regulation, Standards and Public Confidence," panel member, American Association for the Advancement of Science Annual Meeting, February 18, 2005.

"The Ethics and Politics of Research with Human Embryonic Stem Cells" and "Drugs, Sports and Ethics," Visiting Professor, Center for Bioethics and Health Law and Department of Obstetrics, Gynecology & Reproductive Sciences, University of Pittsburgh, Pittsburgh, PA, October 25, 2005.

"Thinking Better? The Ethics of Cognitive Enhancement," David Kopf Memorial Lecture on Neuroethics, Society for Neuroscience 35<sup>th</sup> Annual Meeting, Washington, DC, November, 14, 2005.

"The Ethics of Biomedical Enhancement: Lessons from Olympic Sport," Insight Lecture, Rockefeller University, New York City, January 26, 2006.

"The Ethics of Bio-medical Enhancement: What can performance enhancing drugs in the Olympics teach us about cognitive enhancement?" Purchase College, February 7, 2006.

#### Articles in Peer-Reviewed Journals:

Murray, T. H., "Was This Deception Necessary?" IRB: A Review of Human Subject Research 2 (10): 7-8, 1980.

Murray, T. H., "Learning to Deceive." Hastings Center Report (April): 11-14, 1980.

Murray, T. H., "Ethics, Power, and Applied Social Psychology." In <u>Applied Social Psychology Annual III</u>, edited by L. Bickman. Sage Publications, 1982.

Murray, T. H., "The Physician as Moral Leader." <u>Hastings Center Report</u> (April): 20-21, 1982. [Reprinted in J. Callahan, <u>Ethical Issues</u> in Professional Life, Oxford University Press, 1987.]

Arras, J. D. and Murray, T. H., "In Defense of Clinical Bioethics." Journal of Medical Ethics 8 (III): 122-127, 1982.

Murray, T. H., "Genetic Screening in the Workplace: Ethical Issues." <u>Journal of Occupational Medicine</u> 25 (6): 451-454, 1983.

Murray, T. H., "Warning: Screening Workers for Genetic Risk." <u>Hastings Center Report</u> (February): 5-8, 1983.

Murray, T. H., "Physicians and Nuclear War." New York Medical Quarterly 4 (1): 18-21, 1983.

Murray, T. H., "The Coercive Power of Drugs in Sports." <u>Hastings Center Report</u> (August): 24-30, 1983. Reprinted In <u>Strategies of Argument</u>, edited by Stuart Hirschberg. Allyn and Bacon, [In Press], p750.

Fleischman, A. and Murray, T. H., "Ethics Committees for Infants Doe?" Hastings Center Report (December): 5-9, 1983.

Murray, T. H., "Divided Loyalties in Sportsmedicine." <u>The Physician and Sportsmedicine</u>, 12 (8): 134, 136-138, 140, 1984.

- Feldman, E. and Murray, T. H., "State Legislation and the Handicapped Newborn: A Moral and Political Dilemma." <u>Law, Medicine and</u> Health Care 12 (4): 156-163, 1984.
- Murray, T. H., "On the Care of Imperiled Newborns." Hastings Center Report (April): 24, 1984.
- Murray, T. H., "The Social Context of Workplace Screening." Hastings Center Report (October): 21-23, 1984.
- Bayer, R., Levine, C. and Murray, T. H., "Guidelines for Confidentiality in Research on AIDS." <u>IRB: A Review of Human Subjects Research</u> 6 (6): 1-7, 1984.
- Murray, T. H., "Ethics and Health Care Allocation." Public Law Forum 4 (1): 41-50, 1984.
- Murray, T. H., "The Final, Anticlimactic Rule on Baby Doe." Hastings Center Report (June): 5-9, 1985.
- Murray, T. H., "Ethical Issues in Fetal Surgery." <u>Bulletin of the American College of Surgeons</u> 70 (6): 6-10, 1985. [Reprinted as "Research on a Fine Edge" in Canadian Doctor (February 1986): 24-25.]
- Murray, T. H., "Ethical Issues in Genetic Engineering." Social Research 52 (3): 471-89, 1985.
- Murray, T. H., "Who Owns the Body?: On the Ethics of Using Human Tissue for Commercial Purposes." <u>IRB: A Review of Human Subjects Research 8 (1): 1-5, 1986.</u>
- Murray, T. H., "Regulating Asbestos: Ethics, Politics and Scientific Values." <u>Science, Technology and Human Values</u> 11 (3): 1-13, 1986.
- Murray, T. H., "Divided Loyalties Dilemmas for Physicians: Social Context and Moral Problems." <u>Social Science and Medicine</u> 23 (8): 827-32. 1986.
- Murray, T. H., "Confessions of an Unconscious Interdisciplinarian." <u>Issues in Integrative Studies</u> 4: 57-68, 1986.
- Murray, T. H., " "Hastings Center Report. (April): 30-38, 1987. [Reprinted in <u>Applications and Exercises for Intermediate Microeconomies</u>, Dryden Press; in <u>Taking Sides</u>: <u>Clashing Views on Controversial Bioethical Issues</u>, 3rd ed., The Dushkin Publishing Group, Inc., March, 1989; in <u>The International Library of Essays in Law and Legal Theory</u>, edited by Tom D. Campbell, Dartmouth Publishing Company, in press.] [Reprinted in Applied Ethics, Ruth Chadwick and Doris Schroeder, editors, Routledge, 2002]
- Murray, T. H., "Moral Obligations to the Not-Yet Born: The Fetus as Patient." <u>Clinics in Perinatology</u> 14 (2): 329-343, 1987. [Reprinted in <u>Biomedical Ethics</u>, edited by Thomas A. Mappes and David DeGrazia, New York: McGraw-Hill, Inc., 1996, pp. 464-473. and in Fifth Edition, 2001, pp. 490 500]
- Murray, T. H., "Medical Ethics, Moral Philosophy and Moral Tradition." <u>Social Science and Medicine</u> 25 (6): 637-644, 1987. [Reprinted in <u>Medicine and Moral Reasoning</u>, edited by K.W.M. Fulford, Grant Gillet and Janet Martin Soskice, Cambridge: Cambridge University Press, 1994, pp. 91-105.]
- Murray, T. H., "On the Human Body as Property: The Meaning of Embodiment, Markets, and the Needs of Strangers." University of Michigan <u>Journal of Law Reform</u> 20 (4): 1055-1088, 1987.
- Caplan, A., Capron, A. M., Murray, T. H. and Penticuff, J., "Deciding Not to Employ Aggressive Measures." <u>Hastings Center Report</u> (December): 22-25, 1987.
- Murray, T. H., "Where are the Ethics in Ethics Committees?" Hastings Center Report (February/March): 12-13, 1988.
- Coulter, D., Murray, T. H. and Cerreto, M. C., "Practical Ethics in Pediatrics." Current Problems in Pediatrics 18 (3): 141-195, 1988.
- Murray, T. H., "Mediagenic Ethics." <u>Hastings Center Report</u> (December): 3-4, 1988.

Multiple Authors, "The Appleton Consensus: Suggested International Guidelines for decisions to Forgo Medical Treatment." <u>The Journal of the Danish Medical Association</u> 151: 700-706, 1989. [Reprinted (in part) in <u>The Journal of the Swedish Medical Association</u> 86: 1709-12, 1989.]

Murray, T. H., "Erythropoietin: Another Violation of Ethics." in The Physician and Sportsmedicine 17 (8): 39-42, 1989.

Chren, M. M., Landefeld, S. and Murray, T. H., "Doctors, Drug Companies, and Gifts." <u>JAMA</u> 262 (24): 3448-3451, 1989. [Reprinted in French edition <u>JAMA</u>, 15 (201): 417-421, 1990.] [Reprinted in <u>Clinical Medical Ethics Cases and Readings: Loyola University Chicago Stritch School of Medicine Medical Humanities Program</u>, DC. Thomasma, P.A. Marshall, eds. University Press of America, 1995, pp. 599-606.]

Murray, T. H., "Human Gene Therapy, the Public, and Public Policy." Human Gene Therapy 1: 49-54, 1990.

Murray, T. H., "The Poisoned Gift: AIDS and Blood." <u>The Milbank Quarterly</u> 68 (Suppl. 2): 205-225, 1990. [Slight revision reprinted in <u>A Disease of Society</u>, Dorothy Nelkin, David P. Willis, & Scott V. Parris, eds. Cambridge: Cambridge University Press, 1991, pp. 216-240.]

Murray, T. H., "Are We Morally Obligated to Make Gifts of Our Bodies?" Health Matrix Journal of Law-Medicine 1 (1): 19-29, 1991.

Murray, T. H., "Ethical Issues in Human Genome Research," <u>The FASEB Journal</u> 5: 55-60, 1991. [Reprinted in <u>The Ethical Dimensions of the Biological Sciences</u>, R.E. Bulger, E. Heitman, and S.J. Reiser, eds. Cambridge University Press, 1993, pp. 283-294.] [Reprinted in <u>Biomedical Ethics</u>, edited by Thomas A. Mappes and David DeGrazia, New York: McGraw-Hill, Inc., 1996, pp. 547-551.]

Murray, T. H., "Prenatal Drug Exposure: Ethical Issues." The Future of Children 1 (1): 105-112, 1991.

Murray, T. H., "Ethics, Trust, and the Future of Recombinant DNA." Annals of the New York Academy of Sciences 646: 12-19, 1991.

Murray, T. H., "Genetics and the Moral Mission of Health Insurance." <u>Hastings Center Report</u>, (November/December): 12-17, 1992. Reprinted in In <u>Taking Sides: Clashing Views on Controversial Issues</u>, 6th edition, edited by Carole Levine. Dushkin Publishing Group, Inc., [In Press].

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Murray, T. H., "Genetics and Just Health Care: A Genome Task Force Report." <u>Kennedy Institute of Ethics</u> Vol. 3, No. 3, pp. 327-331, 1993.

Murray, T. H., "Ethics, Genetic Prediction, and Heart Disease." The American Journal of Cardiology, 72(10): 80D-84D, 1993.

Murray, T.H., "Communities Need More Than Autonomy" found under article "Individualism & Community: The Contested Terrain of Autonomy" <u>Hastings Center Report, (May-June)</u> 32-33, 1994.

Murray, T. H. and Youngner, S. J., "Organ Salvage Policies: A Need for Better Data and More Insightful Ethics." <u>JAMA</u>, 272 (10): 814-815, 1994.

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Murray, T. H. and Livny E, "The Human Genome Project: Ethical and Social Implications." <u>Bulletin of the Medical Library Association</u> 83(1): 14-21, 1994.

Murray, T. H., "Assessing Genetic Technologies: Two Ethical Issues." <u>International Journal of Technology Assessment in Health Care</u>. 10(4): 873-582, 1994.

Murray, T.H., and Mendel N.T., "Introduction: The Genome Imperative." Journal of Law, Medicine, and Ethics 23(4): 309-311, 1995.

Kodish, E., Murray, T. H., and Shurin, S, "Cancer Risk Research: What Should We Tell Subjects?" Clinical Research, 42: 396-402, 1995.

Murray, T.H., "Commentary on True Wishes." Philosophy, Psychiatry & Psychology, (December) 2(4): 311-312, 1995.

Murray, T.H., "Bioethics Yesterday and Tomorrow." Medical Humanities Review, Fall 9(2): 10-14, 1995.

Murray, T.H., and Rosenthal, M., "Commentary on Case Study: The Value of a Uterus." <u>Hastings Center Report.</u> (March-April) 29, 1996.

Genel, Myron, Murray, T.H., et. al., 1995 Public Policy Plenary Symposium: "The Crisis in Clinical Research." <u>Pediatric Research</u>, 39(5):902-913, 1996.

Catlin, Don H., Murray, T.H., "Performance-Enhancing Drugs, Fair Competition, and Olympic Sport." JAMA, 276(3): 231-237, 1996.

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