

JEFFREY P. KAHN

Curriculum Vitae

Andreas C. Dracopoulos Director
Johns Hopkins Berman Institute of Bioethics
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EDUCATIONAL BACKGROUND

1989	PhD	Georgetown University (Philosophy/Bioethics)
1988	MPH	Johns Hopkins University School of Hygiene and Public Health (Health Policy)
1983	BA	University of California, Los Angeles (Microbiology)

AREAS OF SPECIALIZATION

Bioethics, including ethics of human subject research, ethics and genetics, ethics and biomedical technologies, ethics and science policy, ethics and public health

EXPERIENCE

July 2016-present	<i>Andreas C. Dracopoulos Director, Johns Hopkins Berman Institute of Bioethics</i>
August 2011-present	<i>Robert Henry Levi and Ryda Hecht Levi Professor of Bioethics and Public Policy, Johns Hopkins Berman Institute of Bioethics</i>
August 2011-June 2016	<i>Deputy Director for Policy and Administration, Johns Hopkins Berman Institute of Bioethics</i>
August 2011-present	<i>Professor, Department of Health Policy and Management, Bloomberg School of Public Health, Johns Hopkins University</i>
October 2003-August 2011	<i>Maas Family Endowed Chair in Bioethics, University of Minnesota</i>
July 2001-August 2011	<i>Professor, Department of Medicine, University of Minnesota Medical School</i>
August 1996-July 2001	<i>Associate Professor, Department of Medicine, University of Minnesota Medical School</i>
August 1996-August 2011	<i>Director, Center for Bioethics, University of Minnesota</i>
May 1992-July 1996	<i>Director, Graduate Program in Bioethics, and Assistant Professor, Center for the Study of Bioethics, Medical College of Wisconsin</i>

April 1994-October 1995 *Associate Director, White House Advisory Committee on Human Radiation Experiments*

July 1989-April 1992 *Assistant Professor, Department of Medical Humanities, East Carolina University School of Medicine*

OTHER FACULTY APPOINTMENTS

July 2017-present *Secondary Faculty Appointment, Department of Philosophy, Johns Hopkins University*

January 2009-June 2009 *Visiting Professor, Institute for Biomedical Ethics, University of Zurich (Switzerland)*

October 2001-2011 *Faculty Fellow, Law School, University of Minnesota*

November 1999-2011 *Adjunct Faculty, Hubert H. Humphrey Institute of Public Affairs University of Minnesota*

May 1999-2011 *Associate Faculty, Clinical Research Graduate Program, University of Minnesota*

August 1996-2011 *Adjunct Faculty (Graduate status), Division of Health Policy and Management, School of Public Health, University of Minnesota*

August 1996-2011 *Graduate Faculty, Department of Philosophy, University of Minnesota*

AWARDS, HONORS, AND ELECTED OFFICES

February 2023 *Honoree, Annual Pellegrino Award for Contributions to Healthcare Ethics, Samford University*

July 2020-June 2022 *Member (elected), National Academy of Medicine Council*

October 2016-present *Member (elected), National Academy of Medicine*

June 2016-present *National Associate, National Academies of Science, Engineering, and Medicine*

April 2014-present Chapter *Member (elected), Delta Omega Honorary Society in Public Health, Alpha (Johns Hopkins Bloomberg School of Public Health)*

September 2007-Oct 2010 *Founding President, Association of Bioethics Program Directors (Board of Directors 2007-2014; Emeritus Director 2014-present)*

July 2007-2011 *Member (elected), Faculty Consultative Committee, University of Minnesota*

September 2003-present *Fellow (elected), The Hastings Center*

January 1998-2011 *Faculty Ambassador*, University of Minnesota
Oct 1993-July 1996 *Member* (elected), Milwaukee Academy of Medicine

GRANT PARTICIPATION

March 2023-April 2024 *Principal Investigator*, Stavros Niarchos Foundation Bioethics Academy—Bioethics Capacity Building in Greece; grant renewal. Grant from Stavros S. Niarchos Foundation.

Oct 2022-April 2023 *Principal Investigator*, Neuroscience and Society Center Planning Grant, grant from the Dana Foundation.

Oct 2021-Dec 2023 *Principal Investigator*, Civic Science Fellow and Brain Organoids Public Values Project, grant from the Kavli Foundation.

July 2022-Dec 2024 *Principal Investigator*, Berman Institute Podcast Project, grant from The Greenwall Foundation.

January 2021-Dec 2023 *Co-Principal Investigator*, Oxford-Johns Hopkins Collaborative Platform and Network for Responsive Infectious Diseases Bioethics Research, Grant from Wellcome Trust, Grant # 221719/Z/20/Z.

May 2020-Apr 2022 *Co-Principal Investigator*, “Blurring Boundaries: Ethical, Legal and Social Issues for Precision Medicine and Infectious Disease,” grant from NIH/NHGRI, Administrative Supplement to Grant # 1RM1HG009038-01.

May 2019-Nov 2021 *Co-Principal Investigator*, Oxford-Johns Hopkins Global Infectious Disease Ethics Collaborative. Grant from Wellcome Trust, Grant # 221719/Z/19/Z.

May 2019-May 2021 *Co-Principal Investigator*, Wellcome Centre-Berman Institute of Bioethics Collaborative Bioethics Training. The major goal of this project is to develop collaboration between the Berman Institute of Bioethics and the Wellcome Centre for Ethics and Humanities to provide an important platform for new ideas and projects. Grant from Wellcome Trust, Grant # 216355/Z/19/Z.

March 2019-May 2023 *Co-Principal Investigator*, The Stavros Niarchos Bioethics Academy – Bioethics Capacity Building in Greece. The primary goal is to collaborate to build a program for bioethics capacity-building in Greece. Grant from Stavros S. Niarchos Foundation.

April 2016-March 2020 *Co-Principal Investigator*, “Ethical, Legal and Social Issues for Precision Medicine and Infectious Disease,” grant from NIH/NHGRI, Grant # 1RM1HG009038-01.

January 2016-Dec 2016 *Co-Investigator*, “Altruism, Ethics and Markets: A Behavioral and Neuroscientific Experimental Study,” Johns Hopkins University Practical Ethics Award.

September 2015-Aug 2018 *Co-Principal Investigator*, “Ethics Issues in Public Health Containment for Ebola and other Infectious Outbreaks in Low and Middle Income Countries,” grant from Wellcome Trust, Grant # 109291/Z/15/Z.

August 2015-July 2016 *Co-Principal Investigator*, “Animals, Public Health, and Ethics,” Johns Hopkins Discovery Award.

June 2013-May 2016 *Co-Principal Investigator*, “Genomic Uses in Infectious Diseases and Epidemics (GUIDE),” grant from NIH/NHGRI, Grant # 1P20HG007261-01.

October 2009-July 2012 *Co-Investigator*, “Nanodiagnostics and Nanotherapeutics: Building Research Ethics and Oversight,” grant from NIH/NHGRI, Grant # 1RC1HG005338-01.

September 2009-July 2011 *Co-Investigator*, “Managing Incidental Findings and Research in Genomic Biobanking and Archives,” grant from NIH/ NHGRI, Grant # 2R01 HG003 178-03.

October 2009-April 2011 *Principal Investigator*, “EthicShare: A Collaborative/Virtual Community Planning Project,” continuation grant from Andrew W. Mellon Foundation.

November 2009-Dec 2010 *Principal Investigator*, “EthicShare: Program Development,” grant from Andrew W. Mellon Foundation, Grant # 3-0900723.

April 2008-March 2013 *Section Director*, “UMN MRSEC REU,” grant from National Science Foundation, Grant # NSF 07-569.

January 2008-June 2009 *Principal Investigator*, “EthicShare Pilot Implementation,” grant from Andrew W. Mellon Foundation.

January 2007-October 2009 *Principal Investigator*, “Development of Ethical Framework for Influenza Epidemic,” grant from Minnesota Department of Health, Grant #B106791-10681.

Dec 2006-Dec 2007 *Principal Investigator*, “EthicShare: A Collaborative/Virtual Community Planning Project,” proposal with the Council on Library Resources (CLIR), grant from Andrew W. Mellon Foundation, Grant # GRT-017.

Oct 2006-Dec 2007 *Principal Investigator*, “Oscar M. Ruebhausen Visiting Lectureship Program,” grant from The Greenwall Foundation.

Sept 2006-August 2010 *Co-Investigator*, “Evaluating Oversight Models for active Nanostructures and Nanosystems,” grant from National Science Foundation/NIRT, Grant #SES-0608791.

July 2006-June 2011 *Mentor*, “Understanding Barriers to Living Donor Lung Transplantation,” grant from NIH /NHLBI, K23, Grant #HL076210 – 01A2.

April 2006-March 2011 *Co-Investigator*, “Clinical Center-Outcomes of Live Organ Donors,” grant from NIH, Grant #A1-05-015.

Dec 2005-Nov 2010 *Principal Investigator*, University of Minnesota site, “An Observational Descriptive Study of IRB Practices,” grant from NIH /REHS, Grant #1R01-CA107295.

Nov 2005-Oct 2008 *Co-Investigator*, “Helping Hands: Computer Support for Community-Maintained Artifacts of Lasting Value,” grant from National Science Foundation, Grant #IIS-0534420.

July 2005-June 2007 *Co-Investigator*, “Managing Incidental Findings in Human Subjects Research,” grant from NIH, Grant #NHGRI1R01HG00317801.

2003-2005 *Co-Investigator*, “Promoting Responsible Conduct of Clinical Research,” in collaboration with the American Society of Bioethics and Humanities, grant from Association of American Medical Colleges and Office of research Integrity Grant #US2MP0R101.

July 2003-October 2004 *Principal Investigator*, “Would Your Decision on Competing Interest Pass Public Scrutiny,” grant from Office of Research Integrity, DHHS, Grant #03T00304001D.

February 2003-June 2004 *Principal Investigator*, “Towards Guidelines for Conflicts of Interest for Centers and Programs in Bioethics,” grant from The Greenwall Foundation, Presidential Grant.

September 2002-Aug 2006 *Consultant*, “Genetic and Environmental Determinants of Triglycerides,” grant from NIH/NHLBI, Grant #U01 HL72524-01, Donna Arnett, PI.

September 2002-May 2004 *Consultant*, “Science Education Partnership Award: International Bioethics Education and Career Development”, grant from NIH, Grant #TW06071.

October 2001-Sept 2004 *Consultant*, “USDA Agriculture and Food Systems Initiative: Consortium to Address Social, Economic, and Ethical Aspects of Biotechnology,” grant from US Department of Agriculture (USDA), Grant #USDA/CSREES 00-52100-9617.

October 2000-Dec 2004 *Principal Investigator*, “Genetics and Disability Insurance: Ethics, Law and Policy,” grant from NIH, Grant #R01HG02089-01A1.

April 2000-Aug 2003 *Working Group Chair*, Association of Schools of Public Health – HRSA Curriculum Development Project In Ethics and Public Health, grant from US Centers for Disease Control (CDC).

February 2000-2001 *Member*, Working Group, “Pilot Project on Ethical Issues in Public Health,” supported by The Greenwall Foundation.

June 1999-Aug 2004 *Primary Mentor*, “An Ethnographic Study of Institutional Review Boards,” NIH Mentored Scientist Development Award in Research Ethics, Awardee: Ray DeVries, Ph.D., St. Olaf College.

April 1999-May 2007 *Faculty Coordinator for Ethics Component*, “NSF Research Experiences for Undergraduates,” REU Site for Molecular Biology, Grant #DBI-9605127.

- July 1999-June 2005 *Co-Investigator*, “New Initiatives in Interdisciplinary Research and Post-baccalaureate Education,” Center of Excellence in Critical Care Medicine, program grant from the University of Minnesota.
- September 1998-Aug 2001 *Advisor*, “Research Ethics: Instruction in the Clinical, Biomedical and Public Health Sciences,” University of Illinois - Chicago, College of Medicine.
- May 1992-June 1996 *Advisor*, “Genetic Counselors as Educators on Human Genome Issues,” ELSI Program grant from NIH/NHGRI, awarded to Northwestern University.

NATIONAL AND INTERNATIONAL COMMITTEE AND PANEL APPOINTMENTS

- August 2021-present *Member*, Steering Committee, Epidemic Ethics Working Group, World Health Organization
- December 2020-Oct 2021 *Member*, Committee on the Assessment of Strategies for Managing Cancer Risks Associated with Radiation Exposure During Crewed Space Missions, National Academies of Sciences, Engineering, and Medicine
- July 2020-present *Member*, Advisory Board of the Center for ELSI Resources and Analysis (CERA)
- July 2020-June 2022 *Member*, National Academy of Medicine Council
- August 2019-Sep 2020 *Member*, International Commission on the Clinical Use of Human Germline Genome Editing, National Academy of Sciences, Engineering, and Medicine (US) and Royal Society (UK)
- December 2018-present *Chair*, Standing Committee on Aerospace Medicine and Medicine of Extreme Environments (CAMMEE), Health and Medicine Division, National Academy of Sciences, Engineering and Medicine (NASEM); *Member* since 2012
- November 2018-Sep 2019 *Co-chair*, Brain Neuroethics Subcommittee, Advisory Committee to the Director, National Institutes of Health (NIH)
- December 2015-Feb 2017 *Member*, Committee on Human Gene Editing: Scientific, Medical, and Ethical Considerations, National Academy of Sciences (NAS) and National Academy of Medicine (NAM)
- January 2015-Feb 2016 *Chair*, Committee on Ethical and Social Policy Considerations of Novel Techniques for Prevention of Maternal Transmission of Mitochondrial DNA Diseases, Institute of Medicine (IOM)
- March 2014-March 2015 *Member*, Health in All Professions Expert Panel, for ASPPH Task Force on Framing the Future: The Second Hundred Years of Education for Public Health Task Force
- December 2013-present *Chair*, Board on Health Sciences Policy, Institute of Medicine (IOM)/National Academy of Medicine (NAM); *Board member* since June 2012

June 2013-July 2016	<i>Member</i> , National Advisory Board, Program in Genomics and Ethics, Medical College of Wisconsin
May 2013-April 2014	<i>Chair</i> , Committee on Ethics Principles and Guidelines for Health Standards for Long Duration and Exploration Spaceflights, Institute of Medicine (IOM)
May 2013-Dec 2013	<i>Member</i> , Committee on the Independent Review and Assessment of the Activities of the NIH Recombinant DNA Advisory Committee, Institute of Medicine (IOM)
October 2012-May 2013	<i>Member</i> , Committee to Review the Clinical and Translational Science Awards (CTSA) Program at the National Center for Advancing Translational Sciences (NIH-NCATS), Institute of Medicine (IOM)
May 2011-May 2013	<i>Member</i> , Ethics Subcommittee, Advisory Committee to the Director, US Centers for Disease Control and Prevention (CDC)
April 2011-Dec 2011	<i>Chair</i> , Committee on the Use of Chimpanzees in Biomedical and Behavioral Research, Institute of Medicine of the National Academies (IOM)
Mar 2011-Mar 2013	<i>Member</i> , Data Safety and Monitoring Board, Gene Transfer for EB Trial, National Institute of Arthritis and Musculoskeletal and Skin Diseases, (NIAMS), NIH
December 2010-July 2016	<i>Member</i> , Co-infections and Complications Data and Safety Monitoring Board (CCDSMB) Division of AIDS (DAIDS), National Institute of Allergy and Infectious Disease (NIAID), NIH
November 2008-Sept 2011	<i>Consultant</i> , Stem Cell and Advisors, (Independent ESCRO)
February 2008-2011	<i>Member</i> , National March of Dimes Bioethics Advisory Committee
September 2007-present	<i>Member</i> , Science Review Committee, Genome Canada
June 2007-present	<i>Member</i> , Scientific Advisory Board, Stem Cell Network (CANADA)
November 2006-2011	<i>Consultant</i> , U.S. Civilian Research & Development Foundation
June 2006-September 2011	<i>Member</i> , NIH Recombinant DNA Advisory Committee (RAC)
January 2005-June 2010	<i>Member</i> , Data Safety and Monitoring Board, Division of AIDS, NIAID/NIH
December 2004-2008	<i>Member-at-large</i> , American Association for the Advancement of Science Steering Committee of the Section on Societal Impacts of Science and Engineering (Section X)
Feb 2004	<i>Member</i> , Scientific Advisory Panel, SBER, NHGRI/NIH
February-November 2004	<i>Member</i> , ASBH Task Force on Ethics Consultation Liability

May 2003-2008	<i>Member</i> , Data Safety and Monitoring Board, The Environmental Determinants of Diabetes in the Young Study (TEDDY), NHLBI/NIH
March 2003	<i>Chair</i> , NHGRI/NIH Special Emphasis Panel: Ethical, Legal, and Social Implications of Genetics
July 2002	<i>Member</i> , National Institute of Environmental Health Sciences/NIH Special Emphasis Panel on Ethical Challenges in Environmental Health
March 2002	<i>Member</i> , Fogarty International Center/NIH Special Emphasis Panel on International Research Ethics
December 2001-May 2003	<i>Member</i> , National Children's Study Ethics Working Group
August 2001	<i>Chair</i> , NIH Special Emphasis Study Section on Informed Consent in Research
August 2001-July 2003	<i>Member</i> , American Medical Association-Health Resources and Services Administration (HRSA) Advisory Committee on Organ Donation
June 2001-July 2007	<i>Member</i> , Ethics Committee, United Network of Organ Sharing (UNOS); Vice chair, 2005-06
March 2001-June 2003	<i>Member</i> , Association of American Medical Colleges Task Force on Financial Conflicts of Interest
January 2001	<i>Member</i> , International Health Care Worker Safety Center Commission on Legal, Ethical, and Medical Issues of Transmission of Blood borne Pathogens, University of Virginia
September 2000-2003	<i>Member</i> , Board of Directors, American Society of Law, Medicine and Ethics
May 2000	<i>Co-Chair</i> , Donor Source Workgroup, National Kidney Foundation and American Transplant Society Living Donor Consensus Conference
January 2000-July 2001	<i>Member</i> , Oversight Committee for the Geographic Information System (GIS) for the Long Island Breast Cancer Study Project (LIBCSP), NCI
October 1999-2001	<i>Member</i> , Board of Directors, American Society for Bioethics and Humanities
October 1999-2003	<i>Member</i> , Board of Directors, National Marrow Donor Program (Jan 2001-March 2004: Nominating Committee)
January 1999	<i>Consultant</i> , National Bioethics Advisory Commission, regarding ethics of embryonic stem cell research
January 1999-2002	<i>Member (ex officio)</i> , American College of Epidemiology Ethics Standards and Practice Committee
December 1998-2000	<i>Member</i> , Environmental Protection Agency Science Advisory Board Subcommittee on Data from Testing of Human Subjects

November 1998-2001	<i>Member, American Public Health Association Governing Council</i>
September 1998-2000	<i>Member, Liaison Board, HUGE (Human Genome Epidemiology) Net (CDC), representing the American Public Health Association</i>
August 1997-March 2004	<i>Member, Data and Safety Monitoring Board (DSMB) of the Sudden Cardiac Death in Heart Failure Trial (SCD-HeFT), National Institutes of Health (NIH)</i>
July 1997	<i>Member, Study Section on Informed Consent in Research Involving Human Participants study section, NIH</i>
June 1997	<i>Invited participant, National Policy Forum on Marrow Donation and Transplantation, Division of Transplantation, Health Resources and Services Administration</i>
June 1997	<i>Invited participant, National Action Plan on Breast Cancer (NAPBC) and the National Human Genome Research Institute (NHGRI) workshop</i>
January 1997-2011	<i>Member, Life Source (OPO) Medical Ethics Advisory Committee</i>
September 1995-1996	<i>Member, Monitoring and Advisory Panel (MAP) for the Prostate, Colon, Colorectal, and Ovarian Cancer Screening Trial (PLCO), Division of Cancer Prevention and Control, National Cancer Institute (NCI)</i>

STATE COMMITTEE AND PANEL APPOINTMENTS

January 1999-2011	<i>Member, Minnesota Department of Human Services Transplant Advisory Committee</i>
October 1996-Feb 1997	<i>Member, Technical Advisory Work Group, Minnesota State Department of Health for the Birth Defects Information System</i>
September 1996-2000	<i>Member, Ad Hoc Advisory Committee on Genetics, Minnesota Department of Health</i>

UNIVERSITY COMMITTEE AND PANEL APPOINTMENTS

Johns Hopkins University

September 2020-May 2021	<i>Member, Johns Hopkins Committee to Establish Naming Principles (advisory to University Board of Trustees)</i>
November 2015-present	<i>Chair, Public Interest Investment Advisory Committee (advisory to University Board of Trustees)</i>
October 2014-present	<i>Member, MOOC Advisory Committee</i>
May 2014-October 2014	<i>Chair, Masters in Public Policy (MPP) program review committee</i>
January 2014-present	<i>Member, Provost's Faculty Advisory Committee on Digital Education</i>

October 2013-June 2015	<i>Co-chair</i> , Search Committee, Bloomberg Distinguished Professorship on Food, Agricultural Policy, and Ethics (Berman Institute and SAIS)
May 2013-July 2016	<i>Co-chair</i> , Hecht-Levi Postdoctoral Fellowship Program Committee, Berman Institute of Bioethics
September 2011-May 2012	<i>Co-chair</i> , Search Committee, Bunting Professorship in Clinical Ethics (Berman Institute and School of Nursing)
<i>University of Minnesota</i>	
March-May 2011	<i>Chair</i> , Open Access Publishing Evaluation Committee
August 2010- 2011	<i>Member</i> , Graduate Education Council
February 2010-August 2011	<i>Member</i> , Institutional Appetite for Risk Work Group
September 2009-Jan 2010	<i>Member</i> , Graduate Education Academic Issues and Processes Work Group
July 2009	<i>Member</i> , 2010 Andrew W. Mellon Foundation's New Directions Fellowship Selection Committee
January 2009-2011	<i>Member</i> , Embryonic Stem Cell Review Oversight (ESCRO) Committee
January 2008-May 2011	<i>Member</i> , Distinguished McKnight Professor Selection Committee
July 2007-May 2008	<i>Member</i> , NCAA Division I Certification Academic Integrity Sub-Committee
July 2007-December 2007	<i>Member</i> , Embryonic Stem Cell Research Oversight (ESCRO) Steering Committee
October 2006-2008	<i>Member</i> , Blood Borne Diseases Panel, University of Minnesota Medical School
August 2006-August 2011	<i>Member</i> , Colleagues Advisory Board and Executive Committee, Weisman Art Museum
September 2005-May 2006	<i>Member</i> , Academic Steering Group, President's Strategic Positioning Effort
August 2005-May 2006	<i>Co-Chair</i> , Task Force on Faculty Culture (of the President's Strategic Positioning Effort)
September 2004-June 2005	<i>Member</i> , Search Committee, Director of Health Sciences Library
August 2004-June 2006	<i>Member</i> , Faculty Senate Committee on Committees
March 2003-August 2011	<i>Member</i> , Center for Global Health Executive Committee
July 2001-2007	<i>Chair</i> , Stem Cell Ethics Advisory Board
September 2000-2011	<i>Member</i> , Governing Committee, Joint Degree Program in Law, Health, and the Life Sciences

August 2000-January 2003 *Member*, Center for Microbial and Plant Genomics Steering Committee

June 2000-August 2011 *Member*, Consortium on Law and Values in Health, Environment & the Life Sciences (member, Executive Committee June 2003-present)

May 2000-June 2005 *Member*, MD/PhD Steering Committee, University of Minnesota Medical School

March 2000-August 2011 *Member*, Blood-Borne Disease Policy, University of Minnesota Medical School

November 1999-2009 *Member*, Clinical Research Panel, The Graduate School

May 1999-June 2004 *Member*, Steering Committee and lecturing faculty, On Doctoring Program (3rd and 4th year medical students)

September 1998-2011 *Member*, Faculty Education Advisory Committee (Research Ethics), University of Minnesota (Chair, 1999-2001)

April 1998-August 2011 *Member*, The University of Minnesota Center for Holocaust and Genocide Studies Advisory Board

Medical College of Wisconsin

January 1996-July 1996 *Member*, Medical College of Wisconsin Clinical Research Center (CRC) Review Committee

January 1994-July 1996 *Member*, Medical College of Wisconsin IAIMS Steering Committee (for preparation and administration of IAIMS Center Grant)

November 1993-July 1996 *Member*, Froedtert Memorial Lutheran Hospital/John Doyne Hospital Ethics Committee

August 1993-July 1996 *Member*, Medical College of Wisconsin Recombinant DNA Committee

December 1992-July 1996 *Member*, Wisconsin Ethics Committee Network (WECN) Advisory Board

October 1992-July 1996 *Member*, Medical College of Wisconsin Human Research Review Committee (IRB)

May 1992-July 1996 *Member*, Medical College of Wisconsin Graduate Studies Council

May 1992-May 1994 *Member*, St. Francis Hospital (Milwaukee) Ethics Committee

East Carolina University

August 1990-April 1992 *Member*, East Carolina University Policy and Review Committee on Human Research (IRB)

August 1989-April 1992 *Member, East Carolina University Animal Care and Use Committee
(Medical and Basic Sciences uses)*

August 1989-April 1992 *Member, East Carolina University School of Medicine Basic Sciences
Computer Use and Education Committee*

EDITORIAL BOARD MEMBERSHIPS

July 2002-2006 *Journal of Law, Medicine and Ethics*
October 1999-2008 *American Journal of Bioethics*

PROFESSIONAL ASSOCIATIONS

Association of Bioethics Program Directors
Founding President, 2007-2010
Member, Board of Directors, 2007-2014; Emeritus Director 2014-present

American Association for the Advancement of Science
Member, Societal Impacts of Science and Engineering (Section X)

American Philosophical Association

American Public Health Association
Program co-chair, Forum on Bioethics, 1997
Forum co-chair, Forum on Bioethics, 1998
Member, Governing Council, 1998-2001

American Society for Bioethics and Humanities
Member, Board of Directors, 1999-2001

The American Society of Law, Medicine and Ethics
Member, Board of Directors, 2000-2003

REVIEWER

Agency for Health Care Policy Research (AHCPR)
Archives of Internal Medicine
American Journal of Bioethics
Clinical Trials
Community Genetics

Cornell University Press
Genetics in Medicine
Hastings Center Report
Health Affairs

Japan Foundation
Journal of the American Medical Association
Journal of American Geriatrics Society
Journal of Clinical Ethics
Journal of Law, Medicine and Ethics
Kennedy Institute of Ethics Journal
Lancet

MacArthur Foundation

Medical Research Council of Canada

National Academy of Sciences, Institute of Medicine (IOM)

National Human Genome Research Institute (NIH)

National Research Council
New England Journal of Medicine
Oxford University Press
Perspectives in Biology and Medicine
Political Psychology
Research Council of Canada
Research for Health in Humanitarian Crises (R2HC)
Science
Wellcome Trust

PUBLICATIONS

Books and Monographs

1. Kahn, JP and Johns Hopkins Project on Ethics and Governance of *Digital Contact Tracing Technologies. Digital Contact Tracing for Pandemic Response: Ethics and Governance Guidance.* (Baltimore: Johns Hopkins University Press, 2020).
2. Mastroianni AC, Kahn JP, and Kass N, eds., *Oxford Handbook of Public Health Ethics* (New York: Oxford University Press, 2019).
3. Beauchamp TL, Walters L, Kahn JP, and Mastroianni AC, eds., *Contemporary Issues in Bioethics*, 7th and 8th editions (Cengage Publishing, 2008, 2013).
4. Altevogt BM, Pankevich DE, and Kahn JP, eds., *Chimpanzees in Biomedical and Behavioral Research: Assessing the Necessity* (Washington, DC: National Academies Press, 2011).
5. Kahn JP, Mastroianni AC, and Sugarman J, eds., *Beyond Consent: Seeking Justice in Research*, (New York: Oxford University Press, 1998), 2nd edition 2018.
6. Sugarman J, Mastroianni AC, and Kahn JP, eds., *Policies for Human Subjects Research*, (Frederick, MD: University Publishing Group, 1998).

Editorships

1. Kahn, JP, Wolf, SM, guest editors, Issue devoted to ethics, law, and policy issues in genetics in disability insurance, *Journal of Law, Medicine and Ethics*, 35(2 suppl): 2007.
2. Kahn JP, Mastroianni AC, guest editors, Issue devoted to the future of bioethics, *Journal of Law, Medicine and Ethics*, 32(2):2004.
3. Kahn JP, Mastroianni AC, guest editors, Issue devoted to research on specific populations, *Accountability in Research*, 7(1):1999.
4. Kahn JP, section editor, Bioethics and Law Forum, *Journal of Andrology*, 1998-2002.
5. Mastroianni AC, Kahn JP, guest editors, Issue devoted to the work of the Advisory Committee on Human Radiation Experiments, *Kennedy Institute of Ethics Journal* 6(3); September 1996.

Articles and Book Chapters

1. Hutler B, Blasimme A, Gur-Arie R et al. incl. Kahn J. “Assessing the Governance of Digital Contact Tracing in Response to COVID-19: Results of a Multi-National Study.” *Journal of Law, Medicine, and Ethics* 50(4): 791-804; 2022.
2. Rieder TN, Hutchinson LA, Kahn JP. “Why the World Needs Bioethics Communication.” *Perspectives in Biology and Medicine* 65(4): 629-636; 2022.
3. Hughes MT, Auwaerter PG, Ehmann MR, Garibaldi BT, Golden SH, Lorigiano T, O’Conor KJ, Kachalia A, Kahn J. “The importance of offering vaccine choice in the fight against COVID-19.” *Proc Natl Acad Sci USA* 2021; 118:e2117185118.
4. Gerber, JE, Brewer, J, Rupali, JL, et al. incl. Kahn, JP, “Vaccinomics: a cross-sectional survey of public values.” *Human Vaccines & Immunotherapeutics*, June 2021, DOI: 10.1080/21645515.2021.1911217
5. Hughes, MT, Kahn, JP, Kachalia, A, “Who Goes First? Government Leaders and Prioritization of SARS-CoV-2 Vaccines.” *The New England Journal of Medicine*, January 2021. DOI: 10.1056/NEJMp2036128.
6. Ferretti, A, Ienca, M, Sheehan, M, et al incl. Kahn, JP, “Ethics review of big data research: What should stay and what should be reformed?” *BMC Medical Ethics* 22 (51); 2021. DOI: <https://doi.org/10.1186/s12910-021-00616-4>.
7. Geller, G, Duggal, P, Thio, CL, et al incl. Kahn JP, “Genomics in the Era of COVID-19: Ethical Implications for Clinical Practice and Public Health.” *Genome Medicine* 12 (95); 2020. DOI: <https://doi.org/10.1186/s13073-020-00792-9>.
8. Kahn, JP, Henry, LM, Mastroianni, AC, Chen, WH, Macklin, R, “For Now, It’s Unethical to Use Human Challenge Studies for SARS-CoV-2 Vaccine Development,” *Proceedings of the National Academy of Sciences*, Oct 2020. DOI: <https://doi.org/10.1073/pnas.2021189117>.
9. Ehmann MR, Zink EK, Levin AB, et al incl. Kahn J, “Operational Recommendations for Scarce Resource Allocation in a Public Health Crisis,” *CHEST*, 159 (3): 1076-1083; March 2021. DOI: <https://doi.org/10.1016/j.chest.2020.09.246>.
10. Kahn, JP, Mastroianni, AC, Venkatapuram, S. “Bioethics in a Post-COVID World: Time for Future-Facing Global Health Ethics,” in Brands, Hal and Francis J. Gavin, eds., *COVID-19 and World Order: The Future of Conflict, Competition, and Cooperation*, Chapter 6. Johns Hopkins University Press, 2020.
11. Bartsch SM, Mitgang, EA, Geller, G, Cox, SN, O’Shea, KJ, Boyce, A, Siegmund, SS, Kahn, JP, Lee, BY, “What If the Influenza Vaccine Did Not Offer Such Variable Protection?” *The Journal of Infectious Diseases*, 222 (7): 1138–1144; 2020. DOI: <https://doi.org/10.1093/infdis/jiaa240>.
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36. “ISO Healthy Kidney; Top Dollar Paid,” May 29, 2001.
37. “Three Parents and a Baby,” May 14, 2001.
38. “Where Have all the Organs Gone,” Apr 30, 2001.
39. “You, Me and Foot-and-Mouth Disease,” Apr 2, 2001.
40. “Transplanting Risk,” Mar 19, 2001.
41. “Transplants and Personal Responsibility,” Mar 5, 2001.
42. “Your Boss May be Looking Inside Your Genes,” Feb 19, 2001.
43. “Whose Twins are they Anyway?” Jan 22, 2001.
44. “The Gift of Life Doesn’t Have to Hurt,” Jan 8, 2001.
45. “Protected to Death,” Dec 25, 2000.
46. “Cloning Man’s Best Friend,” Dec 11, 2000.

47. "Placebos: Deceptive Benefits," Nov 27, 2000.
48. "The President's Science Policy," Nov 14, 2000.
49. "Criminally Pregnant," Oct 30, 2000.
50. "A Modern Solomon's Baby," Sept 18, 2000.
51. "Making a Market for Human Embryos?" Sept 4, 2000.
52. "Falling Behind in the Stem Cell Race," Aug 22, 2000.
53. "Public Office and Private Lives: Do Politicians Deserve Medical Privacy?" Aug 6, 2000.
54. "Genetic Testing is all in the Family," July 25, 2000.
55. "Over the Counter or Over-Regulated," July 3, 2000.
56. "Taking Managed Care to Court," June 21, 2000.
57. "Free-Riding Microbes: Stronger, More Powerful, and Our Fault," June 5, 2000.
58. "Public (Health) Enemy No. 1?" May 22, 2000.
59. "The Fall and Rise of Gene Therapy," May 8, 2000.
60. "States Rights' or Patients' Rights? The New Politics of Organ Allocation," Apr 17, 2000.
61. "Exploitation or Salvation?" Apr 3, 2000.
62. "Who Owns your Genes?" Mar 21, 2000.
63. "Shopping for Clinical Trials," Mar 6, 2000.
64. "Guinea Pig Soldiers?" Feb 21, 2000.
65. "Patience for Practice?" Jan 25, 2000.
66. "Too Old to Benefit? Why are so Few Seniors in Cancer Research?" Jan 10, 2000.
67. "Bioethics for the New Millennium," Dec 27, 1999.
68. "Back Seat Doctors," Dec 13, 1999.
69. "Genetic Fixes and Future Generations," Dec 6, 1999.
70. "Seeds of Discontent: Plant Biotech and World Trade," Nov 29, 1999.
71. "Genetic Fixes and Future Generations," Nov 15, 1999.
72. "Beauty by the Dozen?" Nov 1, 1999.
73. "Giving 'Til it Hurts: How Far to Go in Living Organ Donation," Oct 18, 1999.
74. "Good News, Bad News: The Mixed Bag of Research Advances," Oct 4, 1999.
75. "The Littlest Patients," Sept 20, 1999.
76. "Prison Research: Does Locked Up Mean Locked Out," Sept 6, 1999.
77. "Turning a Blind Eye," Aug 23, 1999.
78. "The Double-Edged Sword of Drug Marketing," Aug 9, 1999.
79. "Who Needs Bionics? Recycled Humans Are Here," July 26, 1999.
80. "Risky Business: Helping the HIV-Infected Have Babies," July 12, 1999.
81. "We'll Pay You Not To Have Kids," June 28, 1999.
82. "Choosing Sides in the Sperm Race," June 15, 1999.
83. "Embryonic Ethics," June 1, 1999.
84. "In Research We Trust?" May 18, 1999.
85. "Organ Donation-We'll Make It Worth Your While," May 4, 1999.
86. "Riskier, Costlier, No Better –And We Want It," Apr 20, 1999.
87. "Forced Fatherhood," Apr 6, 1999.
88. "Blinded by Hope, Dazzled by Detail," Mar 23, 1999.
89. "No Free Lunch: Managing Care, Paying for Research," Mar 9, 1999.
90. "Attention Shoppers: Special Today—Iceland's DNA," Feb 23, 1999.
91. "Dying to Know," Feb 9, 1999.
92. "Little Cells, Big Issues," Jan 26, 1999.
93. "Take My Kidney, Please," Jan 11, 1999.
94. "Eight is Enough," Dec 28, 1998-Jan 10, 1999.
95. "Whose Cord Blood is it Anyway?" Dec 14, 1998.
96. "Dr. Kevorkian's Latest Release: Death, Crimes and Videotape," Nov 30, 1998.
97. "Doctor Knows Best? The Ethics of Self-Prescription," Nov 16, 1998.
98. "And This Little Piggy Went to the OR," Nov 2, 1998.
99. "Changing the Face of an Epidemic: Screening Pregnant Women for HIV," Oct 19, 1998.
100. "When the Cure Seems Worse Than the Disease," Oct 5, 1998.

101. "Through the Looking Glass: Making Sense of Genetic Tests," Sept 21, 1998.
102. "Nature's Genes, but Whose Profits, Whose Labor?," Sept 7, 1998.
103. "Genetic Testing and Insurance," Aug 24, 1998.
104. "Genetic Testing: The Future is Here," Aug 10, 1998.
105. "National Health Identifier: Big Help of Big Brother?," July 27, 1998.
106. "Raising the issue of Viagra costs-who should pay?," July 13, 1998.
107. "Would You Give a Stranger Your Kidney? The Ethics of 'Unknown' Kidney Donors," July 6, 1998.
108. "HIV Test Reporting: Public Protection or Individual Punishment?," June 23, 1998
109. "AIDS vaccines: immune to quick success?," June 8, 1998
110. "Is There a Difference between Selling Eggs and Selling Kidneys?," May 25, 1998.

Book Reviews

1. Kahn JP. "A Multi-Faceted History," review of *Useful Bodies: Humans in the Service of Medical Science in the Twentieth Century*, edited by J Goodman, A McElligott and L Marks (Baltimore, MD: Johns Hopkins University, 2003); *IRB* 27(5):19; 2005.
2. Kahn JP, "Transplant Policy with a Market Flavor," review of *Organ Transplantation Policy: Issues and Prospects*, edited by JF Blumstein and FA Sloan (Durham, NC: Duke University Press, 1989); *Bioethics Books* 2(1):11-13; 1991.

Proceedings

1. Kahn JP, "An Examination of Emerging Bioethical Issues in Biomedical Research," *Proceedings of a Workshop*, National Academies of Sciences, Engineering, and Medicine (Washington, DC: The National Academies Press, 2020). DOI: <https://doi.org/10.17226/25778>.
2. Kahn JP, "Ethics of Allocation: Should Increasing Waiting Times Change the Allocation? Should We "Ration"?", *Selected Highlights: Transplant Immunosuppression 2001 – The Complete Care of the Transplant Recipient* (Minneapolis, MN: University of Minnesota Medical School).
3. Kahn JP, "Ethical Issues in Genetic Testing by Life Insurers," *Medical Section Proceedings*, Seventeenth Annual Meeting of the Medical Section of the American Council of Life Insurance (Washington, DC: American Council of Life Insurance, 1992).

Abstracts

1. Weed DL, Kahn JP, McKeown R, Stoto M, "American College of Epidemiology Ethics Guidelines: Foundations and Dissemination," *Abstracts of the American Association for the Advancement of Science Conference on the Role and Activities of Scientific Societies in Promoting Research Integrity*, (Washington, DC, April 10-11, 2000).
2. Kahn JP, "The Ethics of Art," *Abstracts of the Society for the Study of Reproduction* (Center for Reproductive Biology – Washington State University/University of Idaho, 32nd Annual Meeting, Pullman, WA, August 3, 1999).
3. Kahn JP, "Ethical Issues in Clinical Research: Lessons of Hope and Opportunity," *Abstracts of the Critical Reviews in Biomedical Engineering*, (Transactions of the First International Conference on Bioengineering, Clemson, SC, September 28, 1997), pp. 83-84.

4. Sugarman J, Kahn JP, Mastroianni AC, "Practical Clinical Research Ethics," *Abstracts of the Journal of General Internal Medicine*, (Society of General Internal Medicine, 20th Annual Meeting, Washington, DC, May 1-3, 1997).
5. Sugarman J, Kahn JP, Mastroianni AC, "Staff Report from the Advisory Committee on Human Radiation Experiments: Implications for Human Subjects Research," *Abstracts of the American Public Health Association 123rd Annual Meeting and Exhibition*, (Washington: American Public Health Association, October 29-November 2, 1995), p. 8.
6. Coughlin SS, Kahn JP, Goodman KW, Weed DL, "Practical Methods for Ethical Decision-Making in Public Health," *Abstracts of the American Public Health Association 123rd Annual Meeting and Exhibition*, (Washington: American Public Health Association, October 29-November 2, 1995), p. 163.
7. Kahn JP, "Moral Issues in the Use of Excise Taxes on Tobacco," *Abstracts of the American Public Health Association 122nd Annual Meeting and Exhibition*, (Washington: American Public Health Association, October 30-November 3, 1994).
8. Kahn JP, "The Shift from Autonomy to Community: Implications for Geriatrics," *Abstracts of the American Public Health Association 121st Annual Meeting and Exhibition*, (Washington: American Public Health Association, October 24-28, 1993), p. 368.
9. Wertz DC, Glantz LH, Juengst E, Kahn JP, "Ethical Issues in Predictive Genetic Screening," *Abstracts of the American Public Health Association 119th Annual Meeting and Exhibit, World Federation of Public Health Associations Sixth International Congress*, (Washington: American Public Health Association, November 10-14, 1991), p. 109.
10. Kahn JP, "International Issues in Justice, Health, and Tobacco Policy," *Abstracts of the 118th Annual Meeting of the American Public Health Association and Related Organizations*, (Washington: American Public Health Association, September 30-October 4, 1990), p. 135.
11. Kahn JP, "Decision Analysis and HIV Seropositive Pregnancy," *American Public Health Association 117th Annual Meeting Abstracts*, (Washington: American Public Health Association, October 22-26, 1989), p. 88.

SELECTED PROFESSIONAL PAPERS AND LECTURES

Visiting Professorships

1. Visiting Professor, University of Malaya, Kuala Lumpur, Malaysia April 2019.
2. Frederic Wipperman Visiting Professor, Dept. of Ophthalmology, University of Minnesota Medical School, June 9, 2012.
3. Institute for Biomedical Ethics, University of Zurich, Zurich, Switzerland, March 29-April 2, 2010.
4. University of Toronto Joint Centre for Bioethics, Toronto, Ontario, Canada, April 23-24, 1996.
5. University of Pittsburgh Medical Center, Center for Medical Ethics, Pittsburgh, PA, February 7-8, 1996.

Presentations and Lectures

1. “Bridging Research to Access: Ethics and the Promise of Emerging Technologies” and “Ethics Considerations and the International Governance of Human Genome Editing: Prospects or Pipe Dream?” Weinberger-Vermut Endowed Lectures in Genetics and Ethics, UCLA and Cedars-Sinai Medical Center, Los Angeles, CA, November 16-17, 2022.
2. “Trust in Science and What Lies Ahead for Humanity,” invited speaker, Nostos Conference, Stavros Niarchos Foundation, Athens, Greece, June 24, 2022.
3. “Bioethics Discussion,” invited panelist, Nostos Conference, Stavros Niarchos Foundation, Athens, Greece, June 24, 2022.
4. “Ethical Considerations in Organ Transplants: A Conversation,” invited speaker, Johns Hopkins School of Public Health Spotlight Series, June 14, 2022 (online).
5. “Health Data Tracking After COVID,” invited speaker, Care After Covid, The 6th Annual Johns Hopkins Research Symposium on Engineering in Healthcare, Baltimore, MD, May 9, 2022.
6. “Eduardo Kac: Telepresence: Bio Art and Space Poetry”, invited panelist, Sawyer Seminar on Precision and Uncertainty in a World of Data in collaboration with Johns Hopkins University Center for Advanced Media Studies and the SNF Parkway Theater, Baltimore, MD, March 16, 2022.
7. “Unproven Stem Cell Therapies: A Growing Global Health Issue,” invited panelist, New York Stem Cell Foundation in collaboration with the Johns Hopkins Berman Institute of Bioethics, April 13, 2022 (online).
8. “The Ethics of Organoid Intelligence,” invited speaker, First Organoid Intelligence Workshop; Forming an O.I. Community, Johns Hopkins University, February 22-24, 2022 (online).
9. “The Ethics of Organoid Intelligence,” invited speaker, First Organoid Intelligence Workshop; Forming an O.I. Community, Johns Hopkins University, February 22-24, 2022 (online).
10. “CRISPR Babies: The Role of Gene Editing in Human Enhancement,” invited presentation, American College of Surgeons Virtual Clinical Congress 2021, October 26, 2021 (online).
11. “Ethical Issues in Vaccination and Vaccine Mandates,” invited speaker, Research Center for Islamic Legislation & Ethics (CILE) Summer School on Vaccination Ethics, August 9, 2021 (online).
12. “Ethical Dilemmas in the Era of COVID-19,” invited speaker, City Club Central Oregon, Monthly Forum, July 15, 2021 (online).
13. “Epidemic/Endemic - Bioethics: Reckoning with Structures,” invited speaker, Johns Hopkins Center for Medical Humanities & Social Medicine, Epidemic//Endemic Speaker Series, May 28, 2021 (online).
14. “The Ethical, Regulatory and Research Complexities of Human Gene Editing – CRISPR,” plenary speaker, Association for the Accreditation of Human Research Protection Programs (AAHRPP), AAHRPP Annual Conference: Real Research in a Virtual World, May 20, 2021 (online).
15. “Ethics in Public Health: Vaccine Distribution, COVID Passport” invited presentation, Johns Hopkins School of Public Health Spotlight Series, April 27, 2021 (online).

16. “Heritable Human Genome Editing in Clinical Practice: Scientific, Social, Ethical, and Legal Perspectives,” invited presentation, American College of Medical Genetics and Genomics (ACMG), Annual Clinical Genetics Meeting, April 14, 2021 (online).
17. “Ethical and Policy Considerations in COVID-19,” invited presentation, The University of Texas at Austin School of Law, 32nd Annual Health Law Conference, April 9, 2021 (online).
18. “Regeneron Science Talent Search Prime Time Opportunity with Berman Institute of Bioethics,” invited presentation, Society for Science, March 16, 2021 (online).
19. “Contact Tracing Goes Viral: Value and Ethics of Digital Contact Tracing,” invited panelist, Conference on Retroviruses and Opportunistic Infections (CROI), March 8, 2021 (online).
20. “International Commission on the Clinical Use of Human Germline Genome Editing,” invited participant, Heritable Human Genome Editing: Rare Disease Week Discussion, February 26, 2021 (online).
21. “Ask a Bioethicist,” invited presentation, Johns Hopkins Center for Talented Youth, Bright Now Speaker Series, January 14, 2021 (online).
22. “How Do We Ethically Distribute COVID-19 Vaccines?,” invited panelist, New York Stem Cell Foundation (NYSCF), co-sponsored by the Berman Institute of Bioethics, January 7, 2021 (online).
23. “Human Genome Editing and the Ethics of Designing Our Shared Future,” invited presentation, ESSEC Business School iMagination Week, Master in Management Program 2021, January 6, 2021 (online).
24. “Let’s Talk Digital Ethics,” invited panelist, Network of Digital Evidence in Health, 4TH Annual NODE.Health Digital Medicine Conference, December 10, 2020 (online).
25. “Vaccine Ethics: What Are We Learning From COVID-19?,” session moderator, Carnegie Council for Ethics in International Affairs, co-sponsored by the Berman Institute of Bioethics, December 3, 2020 (online).
26. “Our Health, Your Privacy,” session moderator, 9/11 Memorial & Museum Summit on Security, November 10, 2020 (online).
27. “The Challenge of Contact Tracing,” invited speaker, EmTech MIT: Using Technology to Protect and Track Information, MIT Technology Review Virtual Conference, October 22, 2020 (online).
28. “Social Justice and Bioethics through the Lens of the Story of Henrietta Lacks,” plenary session moderator, American Society for Bioethics and Humanities 22nd Annual Conference, October 15, 2020 (online).
29. “Digital Contact Tracing for Pandemic Response: Ethics and Governance Guidance,” invited speaker, 2020 Responsible Machine Learning Summit, AI and COVID-19, University of California Santa Barbara, October 9, 2020 (online).
30. “The COVID-19 Dashboard: Deciphering the Data, Visualizing the Virus,” invited panelist, The Science & Entertainment Exchange Virtual Event, September 30, 2020 (online).

31. "Allocation of Clinical Care and Services," speaker, Ethics and the COVID-19 Pandemic: Allocation Across the Spectrum of Prevention, Treatment, and Research, Stavros Niarchos Foundation Bioethics Academy Webinar, September 14, 2020 (online).
32. "Digital Contact Tracing for Pandemic Response: Ethics and Governance Guidance," invited speaker, Ring Central Learning Together Webinar, August 19, 2020 (online).
33. "Contact Tracing and the COVID-19 Pandemic—Ethics and Governance During Uncertain Times," invited speaker, Lawyers Division, Jewish Federation of Greater Washington, July 17, 2020 (online).
34. "Ethics and the COVID-19 reopening process," invited speaker, Johns Hopkins Leadership Fellows, July 7, 2020 (online).
35. "World Order after COVID-19 - A Virtual Global Conference," invited speaker, Johns Hopkins University's School of Advanced International Studies, Center for Global Affairs, Baltimore, MD, June 30 and July 1, 2020 (online).
36. "Ramping Up COVID-19 Contact Tracing in the U.S.," invited panelist, Rockefeller Foundation Virtual Roundtable, June 11, 2020 (online).
37. "Hopkins on the Hill: Briefing on COVID-19 Testing and Tracing Issues" invited panelist, Johns Hopkins University Corona Virus Resource Center, Baltimore, MD, May 27, 2020 (online).
38. "Germline Gene Editing: A Bioethical Perspective," invited panelist, American Society for Gene and Cell Therapy (ASCGT) Symposium - Social, Ethical, and Scientific Perspectives on Germline Gene Editing, May 13, 2020 (online).
39. "Immunity Passports: Inevitable? Ethical?," workshop chair, World Health Organization (WHO) Public Health Emergency Preparedness and Response Ethics Network Webinar, May 4, 2020.
40. "Ethics and COVID-19," invited speaker, Peds Grand Rounds, Sinai Hospital, Baltimore, MD, April 28, 2020 (online).
41. "Manipulating Life: The Ethics of Emerging Biotechnologies," Hopkins @ Home mini Course, Baltimore, MD, April 22 and April 29, 2020 (online).
42. "Big Data Challenges for Ethics Review Committees," invited panelist, ETH Zürich, Health Ethics and Policy Lab Webinar, April 24, 2020 (online).
43. "Health Data, Privacy, & Surveillance: How Will the Lockdowns End?," invited speaker, Carnegie Council Webinar, April 22, 2020.
44. "COVID-19 and the Ethics of Scarce Resource Planning," invited speaker, Stavros Niarchos Foundation Agora Institute Webinar, April 17, 2020.
45. "Crisis Standards of Care during COVID-19," invited speaker, American Public Health Association and the National Academy of Medicine, April 15, 2020 (online).
46. "Worst Case Scenarios: COVID-19, Ethics, and Triage," invited speaker, The Science & Entertainment Exchange and the Berman Institute of Bioethics Webinar, April 15, 2020.
47. "Discussion with Jeffrey Kahn, PhD, MPH," invited speaker, Beth El Synagogue Webinar, April 13th, 2020.

48. "Ethics in the research response to COVID-19," invited speaker, Nuffield Council on Bioethics Webinar, April 3, 2020.
49. "The Race for a Vaccine: Balancing the Promise, the Peril, and the Process," invited speaker, The Science & Entertainment Exchange of the National Academy of Sciences and the Health & Medicine Division's Board on Global Health, April 1, 2020 (online).
50. "Public Health Ethics During a Pandemic: What the Orthopedic Surgeon Needs to Know," invited speaker, American Orthopedic Foot and Ankle Society Webinar, March 26, 2020.
51. "Do New Tools Need new Ethics? The Challenge of Governance for Gene Editing in Humans," invited presentation, Covington and Burling, LLP, Washington, DC, March 2, 2020.
52. "An Examination of Emerging Bioethical Issues in Biomedical Research: A Workshop," workshop chair, The National Academies of Sciences, Engineering, Medicine, Washington, DC, February 26, 2020.
53. "Workshop on International Governance of Emerging Technologies," invited speaker, Institute for Global Public Policy, Fudan University, Shanghai, China, December 6 -11, 2019.
54. "Ethics and Reproductive Technologies: Past Present, and Future," guest speaker, Stevenson University, Owings Mills, MD, November 18, 2019.
55. "Explore the intersection of human genome editing and ethics," invited presentation, The Associated's Maimonides Society, Baltimore, MD, November 5, 2019.
56. "Human Genome Editing: Navigating Ethics and Global Governance," panel moderator, The Evolution of Technology in Biomedical Science: Promises and Challenges, The National Academy of Medicine Annual Meeting, Washington, DC, October 21, 2019.
57. "Ethics, Gene Editing, and Cell Lines – Looking ahead," invited presentation, Henrietta Lacks Memorial Lecture, Johns Hopkins Institute for Clinical and Translational Research, Baltimore, MD October 5, 2019.
58. "From Avoiding Disease to Designing Life: Ethics and the Future of Human Genome Editing," invited presentation, DaVinci Event, Maryland Science Center, Baltimore, MD, September 25, 2019.
59. "The Ethics of Genetic Editing – A Panel Discussion," invited panelist, MedChi, The Maryland State Medical Society and The Center for a Healthy Maryland, Annual Thomas E. Allen, M.D Ethics Lecture, Baltimore, MD, September 12, 2019.
60. "Ethics and Reproductive Technologies: Past, Present, and Future," invited presentation, Johns Hopkins Legacy Society Annual Luncheon, Baltimore, MD, September 12, 2019.
61. "Ethical and Policy Implications for Genome Editing in Human Biology," invited presentation, Grover Conference: The Pulmonary Vasculature in Development, Injury and Repair, Sedalia, CO, September 4, 2019.
62. "Jewish Bioethics of Reproductive Biology," invited presentation, The Shofar – Summer 2019, Leonard and Francine Pickard Educational Program, Sun Valley, ID, August 15, 2019.
63. "Do New Technologies Require New Ethics? Revisiting and Revising Bioethics for the 21st Century," keynote speaker, Uehiro-Carnegie-Oxford Annual Conference, St. Cross College, Oxford, UK, May 21, 2019.

64. "Gene Editing and the Future of Human Health," invited panelist, The New York Stem Cell Foundation, New York Stem Cell Foundation Research Institute, New York, New York, May 8, 2019.
65. "Vaccine Day," invited panelist, Johns Hopkins Vaccine Initiative, Vaccine Day 2019 New Models for Developing Vaccines Against Epidemic Diseases, Baltimore, MD, April 26, 2019.
66. "Making Sense of Moral Arguments about Human Genome Editing," visiting professor, Getting the Ethics of Genome Editing Right: Engaging Multiple Perspectives Public Conference, University of Malaya, Kuala Lumpur, Malaysia, April 15-18, 2019.
67. Philosophical Foundations of Research Ethics Workshop at the University of Malaya, Visiting Professor, University of Malaya, Kuala Lumpur, Malaysia, April 15-18, 2019.
68. "Our Genetically Modified Future – The Ethics of Designer Babies," invited presentation to Alumni Weekend at Johns Hopkins University, Baltimore, MD April 6, 2019.
69. "Ethical and Genome Editing of Human Embryos," invited panelist, Post-Hong Kong: Human Genome Editing's Brave New World, Center for Strategic and International Studies, Washington, DC, March 27, 2019.
70. "Establishing a Necessity-Based Approach to the Use of Chimpanzees in Research," invited presentation, Public Workshop on the Uses of Dogs in Biomedical Research, Institute for Laboratory Animal Research of the National Academies of Sciences, Engineering and Medicine, Washington, DC, March 27, 2019.
71. "The Big Questions of Bioethics," invited presentation to Development and Alumni Relations Training Conference, Baltimore, MD, March 22, 2019.
72. "Bioethics: Four Dilemmas of Modern Medicine," One Day University, Sarasota, FL, March 13, 2019.
73. "Ethics of the Use of Non-Human Primates as Models for Human Brain Disease," NIH ACD Working Group on BRAIN 2.0 Neuroethics Subgroup Workshop, Bethesda, MD January 23, 2019.
74. "Human Genome Editing: Research Ethics," session speaker, Second International Summit on Human Genome Editing, The National Academies of Sciences, Engineering, and Medicine, Hong Kong, November 27-29, 2018.
75. "Ethics in Fundraising," Chesapeake Planned Giving Council, Baltimore, MD, November, 7 2018.
76. "What Frankenstein's Monster Can Tell Us About Being Human," Panelist, 200 Year Anniversary Event of the Publication of Mary Shelley's Frankenstein, The Alexander Grass Humanities Institute, Krieger School of Arts and Sciences, Johns Hopkins University, Parkway Theater, Baltimore, MD, October 31, 2018.
77. "Dialoguing with the Stars: Imagining Bioethics with Hollywood Screenwriters," panelist, 20th Annual Meeting of the American Society for Bioethics and Humanities (ASBH), Anaheim, CA October 18, 2018.
78. "Ethics and Big Data," Research Ethics Course, National Institutes of Health, Bethesda, MD, October 10, 2018.

79. "Bioethical Considerations for Transgenic and Chimeric Nonhuman Primate Models in Neuroscience Research," session speaker, Transgenic and Chimeric Neuroscience Research: Exploring the Scientific Opportunities Afforded by New Nonhuman Primate Models—A Workshop, The National Academies of Sciences, Engineering and Medicine, Washington, DC, October 4, 2018.
80. "Precision Medicine and the Role of Bioethics," Flexner Lecture, Vanderbilt University Medical Center, Nashville, TN, September 27, 2018.
81. "Four Dilemmas of Modern Medicine," One Day University, Providence, RI, September 22, 2018.
82. "Ethics at the Horizon: A Proposal for a Future-Facing Global Bioethics," invited opening keynote Address, World Congress on Medical Law and Ethics at the 24th Annual Congress of the World Association for Medical Law Scientific Program, Tel Aviv, Israel, September 2, 2018.
83. "How Bioethics Scholars Can Impact Decision-making," invited presentation, Providing Better Real-world Bioethics Advice, Greenwall Faculty Scholars Program, Baltimore, MD, February 6, 2018.
84. "Do New Tools Need New Ethics? The Challenge of Advancing Biotechnology for Ethics and Policy," invited presentation, Mason Institute for Medicine, Life Sciences, and the Law, at the University of Edinburgh, Edinburgh, Scotland, January 30, 2018.
85. "Transgenic and Targeted Gene Editing Research Using Non-Human Primates: Progress, Prospects and Ethical Issues," invited presentation, American College of Neuropsychopharmacology 56th Annual Meeting, American College of Neuropsychopharmacology, Palm Springs, CA, December 6, 2017.
86. "Do New Tools Need New Ethics? The Challenge of Advancing Biotechnology for Ethics and Policy," invited presentation, University of California, Los Angeles, Los Angeles, CA December 1, 2017.
87. "Ideation Lab: Three Ethical Quandaries," keynote speaker, Cleveland Clinic's 2017 Medical Innovation Summit, Cleveland, OH, October 24, 2017.
88. "Do New Tools Need New Ethics? The Challenge of Advancing Biotechnology for Ethics and Policy," Burack Lecture, University of Vermont, Larner College of Medicine, Burlington, VT, October 2, 2017.
89. "Do New Tools Need new Ethics? The Challenge of Governance for Gene Editing in Humans," 7th Annual Ethics in Biomedical Research Lecture, University of Rochester School of Medicine and Dentistry, Rochester, NY, September 26-27, 2017.
90. "Ethical Consideration of the Use of Different Species in Experimentation," invited presentation, Tenth World Congress on Alternatives and Animal Use in Life Sciences, Seattle, WA, August 23, 2017.
91. "IACUC Review of the Justification of Proposed Research—What can be Learned from IRBs?," invited presentation, Tenth World Congress on Alternatives and Animal Use in Life Sciences, Seattle, WA, August 22, 2017.
92. "Ethics at the Horizon: A proposal for a Future-Facing Global Bioethics," invited keynote, Oxford Global Health and Bioethics International Conference, Keble College, Oxford, England, July 17-18, 2017.

93. “Public Ethics and Public Space,” invited panel discussion, 6th annual Stavros Niarchos Foundation International Conference on Philanthropy, Athens, Greece, June 21-23, 2017.
94. Commencement Address, Portledge School 42nd Commencement Exercises, Locust Valley, NY, June 16, 2017.
95. “Anticipatory ELSI, Anticipating Disease,” Genomics and Society: Expanding the ELSI Universe, ELSI Congress, Farmington, CT, June 6, 2017.
96. “Towards International Ethics Principles and Guidelines for Human Gene Editing,” invited presentation, 2017 Uehiro-Carnegie-Oxford Ethics Conference, Tokyo, Japan, May 25, 2017.
97. “Current Debates Associated with Human Gene Editing,” invited presentation, Congressional Research Service, Disruptive Technology Seminar Series, Advances in Gene Editing: Balancing Promise and Risk, Washington, DC, April 28, 2017.
98. “The Dilemmas of Modern Medicine,” One Day University, New York, NY, April 23, 2017.
99. “Learning from Ebola: Ethically Appropriate Response to Pandemic,” invited presentation, New York City Reserve Corps 5th Annual Symposium, New York, NY, April 22, 2017.
100. “The Future Is Here: The Peril & Promise of Our Genetic Information,” invited presentation, HealthLab at Light City, Baltimore, MD, April 3, 2017.
101. “History and Henrietta Lacks: Baltimore, Biomedicine, and Bioethics,” invited lecture, University of Maryland – Baltimore County, March 30, 2017.
102. “Personalized Public Health? Ethics and Policy Issues in the Application of Genomics to Infectious Disease,” invited presentation, University of Pittsburgh Graduate School of Public Health, Pittsburgh, PA, February 10, 2017.
103. “Ethics, Technology, and the 21st Century: Taking Stock and Looking Ahead,” invited presentation, ISC Seminar Series, Johns Hopkins Applied Physics Lab, Laurel MD, January 5, 2017.
104. “Approaches and impulses for development and training cooperation between Science and Fiction”, invited panelist, The International MINTEEE Conference, Berlin, Germany, November 15, 2016.
105. “Ethics: First Human Trials and Genetic Screening Coverage,” invited presentation, Medical Director Forum, OptumHealth Education Conference, Las Vegas, NV, November 3, 2016.
106. “Informed Consent, Research with Adults with Impaired Decision Making, and the Ethics of Research with Big Data,” invited presentation, The Ethical and Regulatory Aspects of Clinical Research Course, National Institutes of Health, Bethesda, MD, October 26, 2016.
107. “New Technology is Letting us Edit Humanity, But Should We?,” invited presentation, TEDx MidAtlantic, Washington, DC, October 22, 2016.
108. “Ethics and the Risk to Human Health of Long Duration Spaceflight,” invited presentation, Radiation Research Society, Big Island, HI, October 19, 2016.
109. “Critical Distance” from Emergent Infectious Diseases: Ethical Challenges in Public Health Containment,” American Society of Bioethics and Humanities Annual Meeting, Washington, DC, October 8, 2016.

110. "Some Look Like Us, Others Live in Our Homes: Critical Distance and Animal Research Ethics," presentation at the American Society for Bioethics and Humanities Annual meeting, Washington, DC, October 7, 2016.
111. "Societal Perspectives on Development and Oversight of Novel Cell-Based Therapies," invited presentation, FDA workshop on Scientific Evidence in Development of Human Cells, Tissues, and Cellular and Tissue-Based Products Subject to Premarket Approval, Silver Spring, MD, September 8, 2016.
112. "Societal Perspectives on Development and Oversight of Novel Cell-Based Therapies," invited presentation for FDA Workshop on Scientific Evidence in Development of Human Cells, Tissues, and Cellular and Tissue-Based Products Subject to Premarket Approval, Silver Spring, MD, September 8, 2016.
113. "Genetics, Ethics, and Human Spaceflight," invited presentation as part of Personal Genetics Education Briefing, US House of Representatives, Rayburn House Office Building, Washington, DC, April 3, 2016.
114. "Mitochondria Replacement: Ethics, Policy, and Implications," invited presentation for Berman Institute Seminar Series, Johns Hopkins University, Baltimore, MD, March 28, 2016.
115. "The Ethics of Big Data Research," invited presentation for NHGRI IRB Retreat, Bethesda, MD, March 24, 2016.
116. "Informed Consent and the Ethical Boundaries of Human Research," invited presentation for UCI Gross Stem Cell Research Center and UCI Law School Symposium on Informed Consent and Human Research Trials, Irvine, CA, November 13, 2015.
117. "Ethics and Big Data Research in HIV," invited presentation and panelist, NIAID Workshop on Big Data and HIV, Bethesda, MD, July 14, 2015.
118. "Ethical and Social Policy Considerations of Novel Techniques for Prevention of Maternal Transmission of Mitochondrial DNA Diseases," invited presentation, International Conference on Ethics of Human Germline Modification, National Bioethics Committee of Singapore, Singapore, July 2, 2015.
119. "Sustainable Public Health Ethics Infrastructure and Guidance Following Epidemics," invited plenary presentation, 4th Annual Stavros Niarchos Foundation International Conference on Philanthropy, Athens, Greece, June 25, 2015.
120. "Challenges for the Role of Law and Policy in Clinical Research—A Global Perspective," Keynote Address, International Conference on Justice in Clinical Research, Nagoya University, Nagoya, Japan, March 13, 2015.
121. "Ethics and Citizen Science," workshop presentation, NIH Workshop on Citizen Science, Bethesda, MD, January 13, 2015.
122. "Ethics and Biotechnology," invited lecture, National Defense University, Washington, DC, January 9, 2015.
123. "Ethics and Penile Transplants," invited presentation, Intimacy After Injury Conference, Washington, DC, December 12, 2014.

124. "A Critical Conversation: Ethics and the Ebola Response," Johns Hopkins Bloomberg School of Public Health Dean's Alumni Reception, Washington, DC, November 5, 2014.
125. "Chimpanzee Research: Ethics and Policy," invited lecture, University of Wisconsin, Madison, WI. October 9, 2014.
126. "Animal Research Ethics: Maternal Deprivation Studies on Infant Monkeys," invited lecture, University of Wisconsin, Madison, WI. October 9, 2014.
127. "Ethics and Philanthropy," invited panel presentation, 3rd Annual Stavros Niarchos Foundation Philanthropy Conference, Athens, Greece. June 27, 2014.
128. "Emerging Issues in Research Integrity," AAAS Train the Trainers Workshop, Annapolis, MD. June 11, 2014.
129. "Genomics, Public Health, and Big Data: What's Ethics Got to Do with It?" Keynote Address, Medical College of Wisconsin Genomics and Ethics Conference, Milwaukee, WI. May 19, 2014.
130. "*Prometheus* and Bioethics," invited panel presentation for NAS Science and Entertainment Network Science Café DC, Washington, DC. May 15, 2014.
131. "Health Care Reform: Nanny State or Responsible Stewardship?" Keynote Address, Peninsula Medical Center Medical Ethics Forum, Salisbury, MD. May 1, 2014.
132. "Humans First? On the Use of Chimpanzee vs Human Subjects in Biomedical Research," NIH Grand Rounds (with Francis Collins), Bethesda, MD. April 30, 2014.
133. "Ethics and Research on non-Human Primates," invited presentation for NRC Workshop on Biodemography, Washington, DC. April 8, 2014.
134. "The Future of Genetic Testing: From the Supreme Court to Personalized Medicine," Mt. Sinai Community Foundation Annual Event Keynote Address, Minneapolis, MN. November 3, 2013
135. "Bioethics: Killer Conundrums, Deadly Dilemmas," panel event for NAS Science and Entertainment Network, Los Angeles, CA. October 8, 2013.
136. "Informed Consent and Health Research Online," panel presentation at Medicine 2.0, London, England. September 23, 2013.
137. "Informed Consent for Research in Online Environments," invited presentation to Secretary's Advisory Committee on Human Research Protections, Washington, DC. July 11, 2013.
138. "Preparing Trainees for Future Ethical Challenges," AAAS Train the Trainers Workshop, Annapolis, MD. June 6, 2013.
139. "Choppy Waters: Doing Bioethics in the Policy Arena," Dean's Lecture, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD. May 8, 2013.
140. "Managing Incidental Findings and Research Results in Genomic Research: Ethics and the Responsibilities of Biobanks and Researchers," Plenary Address, AAHRPP Annual Meeting, Miami, FL. April 4, 2013.
141. "Ethics, Big Data, and Public Health," Invited Presentation, Big Data and Public Health Workshop, University of Pennsylvania, Philadelphia, PA. March 19, 2013.

142. "Raising the Bar: Changing US Policy on the Use of Chimpanzees in Research and Implications for the Future," Invited Seminar, University of Manchester, Manchester, England. March 4, 2013.
143. "Chimpanzees and Moral Status," Bioethics Fellows Seminar, Dept. of Clinical Bioethics, NIH, Washington, DC. January 30, 2013.
144. "Ethics and Genetic Testing Technologies," Noon Ethics Conference, Dept. of Population, Reproductive and Family Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD. January 23, 2013.
145. "Health Care, Bioethics and the Implications of the 2012 Elections," Ethics Rounds, Cedars-Sinai Medical Center, Los Angeles, CA. December 19, 2012.
146. "The Use of Chimpanzees in Research," Plenary Address, Scientists Committee on Animal Welfare Annual Meeting, San Antonio, TX. December 4, 2013.
147. "Chimpanzees in Biomedical and Behavioral Research: Limits and Protections," Ethics Grand Rounds, University of Kentucky Medical School, Lexington, KY. November 14, 2012.
148. "Ethical Issues in Pharmacogenomics," Optum Medical Directors Forum, Las Vegas, NV. November 8, 2012.
149. "The Ethics of Research on Chimpanzees," American Society of Bioethics Annual Meeting 2012, Washington, DC. October 19, 2012.
150. "The Morality of Responsibility: What We Know, How We Act," The Anne Frank Project 2012, Buffalo State University, Buffalo, NY. September 15, 2012.
151. "Health-Related Research on the Web: Challenges for Global Research Protection Policies," Law and Global Health Colloquium, Faculty of Laws, University College London, London, England. July 3, 2012.
152. "NIH and the Future Use of Animals in Biomedical Research," Frederic Wipperman Lecture, Department of Ophthalmology, University of Minnesota Medical School, Minneapolis, MN. June 8, 2012.
153. "Bioethics Education and Training in the U.S.," Ethical Issues in Medicine and Surgery: A Cross-Cultural Exploration, Beijing, China. May 18, 2012.
154. "Research on Chimpanzees: Limits, Ethics and Necessity," Temple University, Philadelphia, PA. February 28, 2012.
155. "Who's Afraid of the Personal Genome? Ethics in an Era of Personalized Medicine," Albrink Lecture, West Virginia University School of Medicine, Morgantown, WV. January 31, 2012.
156. "Human Subjects Research Oversight and the Challenge of Leading Edge Technologies," Wake Forest Research Ethics Conference, Wake Forest University, Winston-Salem, NC. November 10, 2011.
157. "Dialogue: A Regulated System of Incentives for Living Donation," Transplant Immunosuppression 2011 Conference, University of Minnesota, Minneapolis, MN. October 12, 2012.

158. "Ethical and Policy Issues in Nano-Medical Research," invited Keynote Speaker, 2011 Medical Devices Conference, University of Minnesota, Minneapolis, MN. April 14, 2011.
159. "Who Lives and Who Dies: Rationing Health Care," invited presentation, School of Public Health Annual Film Festival, University of Minnesota, Minneapolis, MN. April 6, 2011.
160. "The Immortal Life and Troubling Ethical Issues of Henrietta Lacks," invited presentation, LearningLife Short Course, University of Minnesota, St. Paul, MN. February 24, 2011.
161. "Individual Interests and Society Concerns – The Ethics of Creating a Stem Cell Donor," invited Grand Rounds, Park Nicollet Institute, St. Louis Park, MN, January 26, 2011.
162. "Ethics and Public Policy in Genomics," invited presentation, Genomics Clinical Applications: Validity, Utility and Public Policy, LifeScience Alley; University of Minnesota Co-sponsored Conference, Minnetonka, MN, January 14, 2011.
163. "Ethics in the Genomic Era," invited Grand Rounds, Desert Regional Medical Center, Palm Springs, California, January 5, 2011.
164. "Gene Transfer Research on Children: A View from the RAC," FDA Workshop on Cell and Gene Therapy Clinical Trials in Pediatric Patients, Bethesda, MD, November 2, 2010.
165. "Nanomedicine Research Ethics: Oversight Challenges," panel presentation, American Society for Bioethics and Humanities Annual Meeting, San Diego, CA, Oct. 22, 2010.
166. "When Art and Science Collide," invited keynote presentation, Montagna Symposium, Portland, OR, October 9, 2010.
167. "Ethical Issues in the Follow-up of Living Kidney Donors," invited presentation, Follow-up of Living Donors Conference, National Kidney Foundation, Washington, DC, September 27, 2010.
168. "Ethical Issues in Emerging Technologies," invited presentation, Teaching Survival Skills and Ethics Conference, Santa Fe, NM, June 25, 2010.
169. "Ethical and Policy Issues in Incidental Findings and Research," and "Ethics of Creating a Stem Cell Donor," invited presentations, Annual Symposium on Ethics of Research on Human Subjects, The Latin American School of Social Sciences (FLASCO) Argentina, Buenos Aires, Argentina, May, 2010.
170. "Give to Life: Organ Donation and Transplantation," invited panelist, sponsored by LifeSource. St. Olaf College, Northfield, MN, April 22, 2010.
171. "Research Integrity Week," invited keynote speaker, "Ethics and the Oversight of Research," University of Puerto Rico, San Juan, PR, March 12, 2010.
172. "Minnesota Health Care Roundtable: Health Care Reform: Ready, Fire, Aim," invited panelist, Minnesota Physician Publishing. Minneapolis Hilton and Towers, Minneapolis, MN, November 20, 2009.
173. "Ethics and the Health Care Reform Debate," invited presentation, Twin Cities Maimonides Society, Minneapolis, MN, November 3, 2009.

174. "Individual Interests and Societal Concerns--The Ethics of Creating a Stem Cell Donor," invited presentation, "First Year Seminar Convocation," University of Minnesota—Morris, Morris, MN September 2, 2009.
175. "Ethical and Policy Issues in Stem Cell Research – An Update," invited presentation, "Stem Cells and Cell Therapies in Lung Biology and Lung Diseases," The University of Vermont, College of Medicine, Burlington, VT, July 29, 2009.
176. "Ethical and Policy Issues in Translational Research," invited presentation, "International Workshop on Genetics, Medical Technologies and Health Policies," The Johns Hopkins University School of Advanced International Studies Bologna Center, Bologna, Italy, March 7, 2009.
177. "Synthetic Genomics: Risks and Benefits for Science & Society," invited panelist, co-sponsored by the Consortium on Law and Values in Health, Environment and the Life Sciences, the Joint Degree Program in Law, Health and the Life Sciences. University of Minnesota, Minneapolis, MN. October 8, 2008.
178. "Challenges and Tension in International Research Collaborations," Making International Collaborations Work, invited presentation, "Insights, Themes and Lessons," University of Minnesota, Minneapolis, MN. October 3, 2008.
179. "Medical Ethics on the Frontiers of Science," invited presentation, OptumHealth Care Solutions' *17th Annual National Clinical Conference*, Minneapolis, MN, September 23, 2008.
180. "Research on Informed Consent: What do we know? How can it be improved?" invited keynote presentation "Informed Consent and More: Improving Human Research Protection," Virginia Commonwealth University, Richmond, VA. September 16, 2008.
181. "Evaluating the Consent Process: What do Participants Understand and Retain?" invited panelist for "Informed Consent and More: Improving Human Research Protection," Virginia Commonwealth University, Richmond, VA. September 16, 2008.
182. "First-Year Reading Experience," invited keynote speaker, University of South Carolina, Columbia, SC. August 18, 2008.
183. "Transplantation in China – Ethics and Oversight," invited presentation, Surgical Transplant Conference, University of Minnesota, Minneapolis, MN. July 16, 2008.
184. "Professional Ethics," invited presentation, University of Minnesota School of Dentistry, White Coat Ceremony, Coffman Memorial Union, Great Hall, Minneapolis, MN. June 13, 2008.
185. "Ethics and Policy Issues In Stem Cell Research," invited presentation, Teaching Survival Skills and Ethics Conference, The Silvertree Hotel, Snowmass, CO, June 8, 2008.
186. "Ethical Issues in Emerging Technologies," invited presentation, Teaching Survival Skills and Ethics Conference, The Silvertree Hotel, Snowmass, CO, June 8, 2008.
187. "Incommensurable views: how should the tensions between a utilitarian approach to science and other moral and religious belief systems be approached?", invited presentation, Science and the Citizen, 21st Century Trust and Salzburg Global Seminar, Salzburg, Austria, May 19 – 21, 2008.
188. "Panacea or Pandora's Box: The Ethics of Genetic Research," invited presentation, SMDC, annual IRB meeting, Duluth, MN, May 13, 2008.

189. "Ethical issues and development of emerging technologies," invited presentation, American Physiological Society, San Diego, CA, April 5, 2008.
190. "Stem Cell Therapies and the Ethics of Medicine on the Frontiers of Science," invited presentation, OptumHealth and Well-Being, "The 10th Annual Evolving Science of Cancer Treatments and Blood/Marrow Transplantation," Scottsdale, AZ, March 31, 2008.
191. "Incidental Findings in Research," invited presentation, Bioethics Institute Colloquium, Johns Hopkins University, Baltimore, MD. March 10, 2008.
192. "Informed Consent Should be Obtained for All Procedures in the ICU," invited presentation, Society of Critical Care Medicine, 37th Critical Care Congress, Honolulu, HI. February 4, 2008.
193. "Ethics of Death and Dying," invited presentation, Eisenhower Medical Center's Grand Round Series, Annenberg Center for Health Sciences, Rancho Mirage, CA. January 3, 2008.
194. "Bioethics," invited presentation, Mentor Connection Seminar Speaker Series. Plymouth, MN. December 17, 2007.
195. "Ethics of Xenotransplantation," invited presentation, Office of Clinical Research, University of Minnesota, St. Paul, MN. October 29, 2007.
196. "Ethics and Policy Issues Around Human Embryonic Stem Cell Research," invited lecture, Eden Prairie High School, Salon Night, Eden Prairie, MN. October 22, 2007.
197. "Ethical Issues in Emerging Technologies," invited presentation, Teaching Survival Skills and Ethics Conference, The Silvertree Hotel, Snowmass, Co. June 11, 2007.
198. "Models and Strategies for Implementing Ethics Instruction," invited presentation, Teaching Survival Skills and Ethics Conference, The Silvertree Hotel, Snowmass, Co. June 12, 2007.
199. "Ethics, Decision making, and Public Health Emergencies," invited presentation, Public Health Institute, Carlson School of Management, University Of Minnesota, Minneapolis, MN. June 5, 2007.
200. "Ethical Challenges in Academic Medicine--Some Glimpses of the Future," invited presentation, Association of Psychologists in Academic Health Centers, University of Minnesota, Minneapolis, MN. May 4, 2007.
201. "Managing Incidental Findings in Human Subject Research: From Imaging to Genomics," invited lecture, Hubert H. Humphrey Center Cowles Auditorium, University of Minnesota, Minneapolis, MN. May 1, 2007.
202. "Creating a Stem Cell Donor: Ethics, Policy and Emerging Biotechnologies," invited lecture, Howard Hughes Medical Institute Distinguished Lecture Series, Davidson College, Charlotte, NC. April 24, 2007.
203. "Human Embryonic Stem Cell Research: An Ethics and Policy Update," invited lecture, Howard Hughes Medical Institute Distinguished Lecture Series, Davidson College, Charlotte, NC. April 23, 2007.
204. "Conflicts of Interest in Biomedical Research," invited presentation, President's 21st Century Interdisciplinary Conference on Medical Devices, Conflicts of Interest in Biomedical Research, University of Minnesota, Minneapolis, MN. April 19, 2007.

205. "Genetic Technologies: New Issues and Old Ethics," invited presentation, 2007 Research Forum, Rush Creek Golf Club, Maple Grove, MN. March 24, 2007.
206. "Ethics on Cutting-Edge Practices for Organ Transplantation," invited presentation, United Resource Networks 8th Annual, Management of Transplantation and Other Complex Medical Conditions Conference, Las Vegas, NV. March 22, 2007.
207. "Benefits to Patients, Risks to Donors: Ethical Considerations," invited presentation, Hematopoietic Growth Factor conference, Hyatt Bethesda Hotel, Bethesda, Maryland. March 15, 2007.
208. "Human Embryonic Stem Cell Research: An Ethics and Policy Update," invited presentation, Medicine Grand Rounds, Moos Tower, University Of Minnesota – TC, Minneapolis, MN. March 8, 2007.
209. "Human Embryonic Stem Cells Ethics and Policy," invited presentation, Pediatric Grand Rounds, Saint Paul Children's Hospitals and Clinics, Saint Paul, MN. March 8, 2007.
210. "Human Embryonic Stem Cells Ethics and Policy," invited presentation, Pediatric Grand Rounds, Minneapolis Children's Hospitals and Clinics, Minneapolis, MN. March 6, 2007.
211. "Little Cells, Big Issues: Ethics and Policy Issues in Human Embryonic Stem Cell Research," invited presentation, Heintz Center, University Of Minnesota – Rochester, Rochester, MN. February 12, 2007.
212. "Novel Approaches to Increasing Organs for Transplant: Ethical and Policy Issues," invited presentation, Mayo Transplant Ethics Conference, Rochester, MN. February 9, 2007.
213. "Bioethics and Public Health Emergencies," invited moderator, Bioethics & Biodefense Meeting, Johns Hopkins School of Advanced International Studies, Washington, D.C. February 5, 2007.
214. "The First Face Transplant: Clinical, Ethical, and Media Perspectives," invited presentation, Department of Surgery, Coffman Memorial Union Theater, University Of Minnesota – TC, Minneapolis, MN. February 1, 2007.
215. "Medical Ethics, Stem Cell Research," invited presentation, Lutheran Church of the Good Shepherd, Over Coffee, Minneapolis, MN. February 1, 2007.
216. "Innocents Abroad? The Ethics of 'Outsourcing' Clinical Research", invited presentation, The MacLean Center for Clinical Medical Ethics 24th Interdisciplinary Faculty Seminar, Controversies in Research Ethics, University of Chicago, IL. January 31, 2007.
217. "Ethics-Systems and Enforcements," invited presentation, Council of Scientific Society Presidents National meeting, Washington, DC. December 3, 2006.
218. "Ethical Issues at the End of Life," invited presentation, Eisenhower Medical Center's Grand Round Series, Annenberg Center for Health Sciences, Rancho Mirage, CA. November 16, 2006.
219. "Ethics of creating a stem cell donor," invited presentation, UCLA Colloquium, UCLA Center for Society and Genetics, Los Angeles, CA. November 9, 2006.
220. "Ethical issues surrounding Transgenic and Biological art," invited presentation, Art department, University Of Minnesota – TC, Minneapolis, MN. November 1, 2006.

221. "The Ties that Bind? Academic Medical Centers and Industry," 2006 Association of American Medical Colleges Annual meeting, Seattle Convention Center, Seattle, WA. October 28, 2006.
222. "Bioethics and Public Health Ethics: Theory Building in Policy Contexts," invited presentation, 8th Annual Meeting American Society for Bioethics and Humanities, Marriott Denver City Center, Denver, CO. October 27, 2006.
223. "Ethics of Clinical Research," invited presentation, Lecture for PubH 6301 Fundamentals of Clinical Research, University Of Minnesota – TC, Minneapolis, MN. October 19, 2006.
224. "Little Cells, Big Issues: An Ethics and Policy Update," Continuing Education Conference in Health Care Ethics, Augustana College, Sioux Falls, SD. October 18, 2006.
225. "Medical Ethics," Freshman Seminar-Genomics, Moos Tower, University Of Minnesota – TC, Minneapolis, MN. October 17, 2006.
226. "Stem Cell Research: An Ethics and Policy Update," invited presentation, Bioethics Conference, Cedars-Sinai Medical Center, Los Angeles, CA. October 4, 2006.
227. "Overview of Vulnerability: What it means to be vulnerable," invited presentation, Crossing the Line Conference, Durham, NC. September 25, 2006.
228. "Guidelines and performance: Creating a Culture of Ethics," National Dialogue on Biomedical Conflicts of Interest and Innovation Management, InterContinental Hotel & MBNA Conference Center, Cleveland, OH. September 20, 2006.
229. "Ethical considerations surrounding multi-vital organ transplants: should three organs be used to save three lives or one?" Hyatt Regency on Nicollet Mall, Minneapolis, MN. September 11, 2006.
230. "Health Professions Education within the Northwestern region of the state," NW AHEC site selection forum, Best Western Inn, Thief River Falls, MN. September 15, 2006.
231. "Working Group Human Trials for Cell Based Interventions," Johns Hopkins, Baltimore, MD. September 7, 2006.
232. "U.S. Health Care," invited presentation, Mayo Medical building, University of Minnesota, Minneapolis, MN. August 29, 2006.
233. "Ethical Issues in Living Organ Transplantation," invited presentation, World Congress of Bioethics Beijing, Beijing, China. August 6, 2006.
234. "Ethics, Policy, and Human Embryonic Stem Cell Research," invited presentation, 2006 University of Minnesota Life Sciences Summer Undergraduate Research Program, Minneapolis, MN. July 26, 2006.
235. "Stiff Morality: The Ethics of using Bodies," invited presentation, Weisman Art Museum Body on Display, Minneapolis, MN. July 19, 2006.
236. "Can We Talk and Can We Listen: Making Peace and Finding Common Ground in Bioethics," invited panelist, The Summer Conference of the American Society of Bioethics and Humanities: Bioethics and Politics: The Future of Bioethics in a Divided Democracy, Albany, NY. July 14, 2006.

237. "Ethical Issues in Emerging Technologies," invited presentation, University of Pittsburgh 12th Annual Teaching Survival Skills and Ethics Conference, Snowmass, CO. June 12, 2006.
238. "Accountability and Leading Edge Biotechnology: The Ethics of Creating Stem Cell Donors," invited presentation, Office for Human Research Protections National Education Conference, Denver, CO. June 1, 2006.
239. "The Ethics of Creating a Stem Cell Donor: Are We Ready for New Genetic Technologies?" invited presentation, University of Minnesota Center for Bioethics "Mini-Bioethics" Series, Minneapolis, MN. May 25, 2006.
240. "Should Organ Donors be Paid," invited presentation, 1st Global Leadership Conference on Transplantation: Focus on Low-Toxicity Immunosuppressive Regimens, Montréal, Canada. May 20, 2006.
241. "Human Embryos, Stem Cells and other Ethical Issues," invited presentation, OSHER Life Long Learning Institute, University of Minnesota, Minneapolis, MN. May 3, 2006.
242. "Stem Cell Research: An Ethics and Policy Update," invited presentation, Max and Rose Sadoff Symposium, University of Minnesota College of Pharmacy, Minneapolis, MN. May 1, 2006.
243. "Bioethics: Past, Present and Future," invited presentation, The College of St. Scholastica Minnesota Dialogue 2006, Duluth, MN. April 26, 2006.
244. "Ethical Issues Surrounding Cellular Therapy," invited presentation, United Resource Networks 8th Annual Convention, Scottsdale, AZ. April 7, 2006.
245. "Ethics of Stem Cell Research," invited presentation, American Academy of Audiology: Audiology Now! Convention, Minneapolis, MN. April 6, 2006.
246. "Stem Cell Research: An Ethics and Policy Update," invited presentation, Eye Meeting of the Twin Cities: A Community Collaboration for Continuing Medical Education in Ophthalmology Conference, Minneapolis, MN. March 10, 2006.
247. "Soliciting Organ Donors-- In This Together or Free for All?" invited presentation, University of Minnesota Medical Center, Fairview and the University of Minnesota 6th Annual Cutting Edge in New Frontiers in Transplantation Conference, Minneapolis, MN. February 22, 2006.
248. "Genetic Technology," invited presentation, South High School Biology Class, Minneapolis, MN. February 13, 2006.
249. "Ethics of Living Organ Donation," invited presentation, University of Minnesota Student Committee on Bioethics Seminar, Minneapolis, MN. February 9, 2006.
250. "Individual and the Public Health Code of Ethics," invited presentation, American Public Health Association Annual Meeting, Philadelphia, PA. December 13, 2005.
251. "Civil Rights, Ethics and Public Health," invited presentation, American Public Health Association Annual Meeting, Philadelphia, PA. December 12, 2005.
252. "The State of the Ethics and Policy Debates Related to Embryonic Stem Cell Research," invited presentation, University of Minnesota Children's Foundation Event, Minneapolis, MN. December 5, 2005.

253. "Who Says No? Decision Making and Ethical Considerations in Assisted Reproduction," invited panelist, Minnesota Section of the American College of Obstetrics and Gynecology Annual Fall Meeting, Minneapolis, MN. December 2, 2005.
254. "Little Cells, Big Issues--Ethics and Policy Issues in Stem Cell Research," invited presentation, University of Minnesota Retirees Association Lunch Seminar, Minneapolis, MN. November 22, 2005.
255. "Stem Cell Research: An Ethics and Policy Update," invited presentation, Annenberg Center for Health Sciences at Eisenhower Medicine Grand Rounds, Rancho Mirage, CA. November 17, 2005.
256. "Little Cells, Big Issues: the Ethics of Stem Cell Research," invited presentation, The Forum for Medical Affairs and the Oklahoma State Medical Association, Dallas, TX. November 6, 2005.
257. "Ethics of Stem Cell Research," invited presentation, St. Paul Heart Clinic Insights and Outlooks Conference, Saint Paul, MN. November 4, 2005.
258. "Little Cells, Big Issues: The Ethics and Policy Debate Around Embryonic Stem Cell Research," invited keynote presentation, The Woodside Center for Interdisciplinary Studies National Conference on The Ethics of Biomedical Research and Practice, Grand Forks, ND. October 25, 2005.
259. "The Ethics of Paying for Organs," invited presentation, The Eye-Bank for Sight Restoration, Inc. Insights into Cultural, Ethical, and Medical Issues of Anatomical Donation Colloquium, New York, NY. September 30, 2005.
260. "Ethics of Allocation of Nondirected Kidneys," invited presentation, University of Minnesota Medical School Transplant Immunosuppression 2005 Conference: Improving Recipient Outcome, Minneapolis, MN. September 28, 2005.
261. "Little Cells, Big Issues: Ethics and Policy Issues in Embryonic Stem Cell Research," invited presentation, University of Minnesota Alumni Association St. Croix Valley Chapter Fall 2005 Lecture Series, Oak Park Heights, MN. September 8, 2005.
262. "Accountability and Leading Edge Biotechnology: The Ethics of Creating Stem Cell Donors," invited lectures, Research Ethics Day, University of Washington, and Fred Hutchinson Cancer Institute, Seattle, WA. July 14, 2005.
263. "Ethics of Living Organ Donation," and "Ethical Issues in Human Embryonic Stem Cell Research," invited lectures, Keio University School of Medicine, Tokyo, Japan. June 27-28, 2005.
264. "Ethics of Research on Vulnerable Subjects," and "Use of PGD in Creating Stem Cell Donors," lectures at Sino-US Conference on Research Ethics, hosted by Peking University Health Sciences Center, Xi'an, China. June 23-34, 2005.
265. "Beyond Bioethics: Thinking about Ethics in Public Health," keynote presentation, Teaching Public Health Ethics Symposium, University of Washington School of Public Health and Community Medicine, Seattle, WA. May 12, 2005.
266. "Ethical Issues in Emerging Technologies--The Case of Creating a Stem Cell Donor," invited speaker, University of Louisville Medical School, Louisville, KY. April 29, 2005.
267. "Maimonides and Contemporary Research Ethics," invited speaker, the first International Maimonides Conference on Medicine and Ethics, Tiberius, Israel. March 23, 2005.

268. "Cutting Edge Debate: Organ Sales," invited speaker, University of Minnesota Transplant Conference, Minneapolis, MN. March 16, 2005.
269. "Organ Donation: Updating the AMA Code of Ethics," invited panelist, AMA Ethics Seminar, Georgetown University Medical Center, Washington, DC. March 14, 2005.
270. "Ethical Issues in Emerging Technologies," keynote presentation at University of Nebraska Research Fair, University of Nebraska, Lincoln. March 10, 2005.
271. "Ethical Issues Surrounding Cellular Therapy," invited presentation for United Resource Networks Spring Conference, Miami, FL. March 2, 2005.
272. "Exploiting Digital Technology for Practical Ethics: Report of Scholarly Communication Institute Projects," invited panelist, Association of Practical and Professional Ethics Annual Meeting, San Antonio, TX. February 26, 2005.
273. "The Stem Cell Research Debate: What it Means for Ethics and Public Health Policy," invited presentation, National Bioethics Center, Tuskegee University, Tuskegee, AL. February 14, 2005.
274. "Recent Developments in Research on Human Subjects," invited presentation, National Bioethics Center, Tuskegee University, Tuskegee, AL. February 15, 2005.
275. "At the Tipping Point: Public Trust and the Ethics of Clinical Research," invited presentation, Society of Clinical Research Associates Seminar. Minneapolis, MN. February 8, 2005.
276. "Ethical Issues Pertaining to Stem Cell Research," invited presentation, Minnesota Medical Association Committee on Ethics and Medical-Legal Affairs. Minneapolis, MN. February 7, 2005.
277. "Bioethics in the National Spotlight," invited presentation with President Bob Bruininks, "Great Conversations on the Road." Naples, FL. January 29-30, 2005.
278. "Ethical Issues Raised By Advances in Genetics as they Relate to Disability and Disability Policy," Panel Moderator, "University of Minnesota Ethics, Genetics and Disability Conference." Minneapolis, MN. January 20, 2005.
279. "Ethical Issues in Embryonic Stem Cell Research," invited presentation, Medical Alley Clinical Studies SIG Conference. St. Louis Park, MN. December 15, 2004.
280. "Embryonic Stem Cell Research: The US Policy Context", invited presentation, University of Tasmania Faculty of Law. Hobart, Tasmania, Australia. November 16, 2004.
281. "Ethics and the Protection of Vulnerable Research Subjects," and "The Ethics of Creating a Stem Cell Donor," invited presentations, China Medical Board Project. Chengdu, China. November 5, 2004.
282. "Ethics and the Disclosure of Genetic Research Results," panel presentation, Annual Meeting of the American Society of Bioethics and Humanities. Philadelphia, PA. October 31, 2004.
283. "Promise and Controversy: Ethical Issues and the Future of Medicine," invited presentation, Minnesota Medical Foundation Heritage Society Banquet. Minneapolis, MN. May 20, 2004.
284. "Commentary from an Ethicist," invited panelist, WORLD Lysosomal Disease Clinical Research Network Annual Symposium. Minneapolis, MN. May 14, 2004.

285. "Little Cells, Big Issues: Ethics of Stem Cell Research," invited keynote presentation, University of Minnesota Elder Learning Institute. Minneapolis, MN. May 13, 2004.
286. "The Ethics of Creating Stem Cell Donors," invited keynote presentation, Pediatric Grand Rounds, Memorial Sloan-Kettering Cancer Center, Department of Pediatrics. New York, NY. May 6, 2004.
287. "Caring or Conflict at the End of Life? The Case of Proxy Consent for Organ Donation" invited keynote presentation, 7th Annual Florence Schorske Wald Lectureship, University of Minnesota School of Nursing. Minneapolis, MN. May 3, 2004.
288. "Ethics and the Use of PGD: From Avoiding Disease to Creating Donors," invited keynote presentation, Third Annual International Bioethics Forum: Who Knows? Who Needs to Know? Madison, WI. April 23, 2004.
289. "Ethics and Research Protections: Where We've Been and Where We're Going," invited presentation, Federation of American Societies For Experimental Biology Annual Meeting "Translating the Genome." Washington, DC. April 19, 2004.
290. "Bioethics in the National Spotlight," invited presentation, University of Minnesota's College of Continuing Education's "Great Conversations." Minneapolis, MN. March 23, 2004.
291. "Stem Cell Research: The State of Policy Debate," invited presentation, 10th Annual Kansas Health Ethics Conference. Wichita, KS. March 19, 2004.
292. "Little Cells, Big Issues--The Ethics of Stem Cell Research," invited keynote, Wisconsin Society of Science Teachers 2004 Convention "Building New Avenues." Appleton, WI. March 13, 2004.
293. "What are the Boundaries of Artistic and Scientific Freedom?" Panel Moderator, Gene(sis): Contemporary Art Explores Human Genomics Town Hall Meeting. Minneapolis, MN. February 28, 2004.
294. "Primum Non Nocere: Medical Errors and Improving Quality Care," invited panelist, University of Minnesota Medical School On Doctoring Program. Minneapolis, MN. February 26, 2004.
295. "Ethics and the Protection of Vulnerable Research Subjects," invited presentation, China Medical Board Project. Beijing, China. February 13-22, 2004.
296. "Ethical Issues and Living Organ Donation," invited presentation, United Resource Networks 5th Annual Emerging Technologies and Innovative Approaches for Managing Patients with Complex Medical Conditions Conference. New Orleans, LA. February 4, 2004.
297. "Ethics of Creating a Stem Cell Donor," invited presentation, 44th Annual Meeting of the American Society of Hematology. San Diego, CA. December 7, 2003.
298. "Ethics and Public Health Curriculum Development Project: Use and Dissemination of Teaching Methods," invited presentation, American Public Health Association 131st Annual Meeting and Exposition. San Francisco, CA. November 17, 2003.
299. "Ethics of cloning and embryonic stem cell research," invited presentation, Minneapolis-University Rotary Club. Minneapolis, MN. November 12, 2003.
300. "Ethical Issues in Emerging Technologies," invited presentation, University of Michigan Medical School. Ann Arbor, MI. November 7, 2003.

301. "Human Embryo Research: Examining the Policy Environment," invited panel presentation, Joint American Society of Bioethics and Humanities/Canadian Bioethics Society Conference: Bioethics Across the Borders. Montreal, Canada. October 24, 2003.
302. "Bioethics in the New Millennium," invited keynote presentation, St. Joseph's Hospital 150th Anniversary Event. St. Paul, MN. October 9, 2003.
303. "The Human Cloning Controversy and the Law," invited presentation, American Bar Association/Section of Science and Technology Law "Working at the Frontier of Law and Science: Applications for the Human Genome" Conference. Chapel Hill, NC. October 3, 2003.
304. "At the Tipping Point: Public Trust and the Ethics of Clinical Research," invited co-keynote presentation, Society of Clinical Research Associates 12th Annual Conference. Rancho Mirage, CA. Sept 19, 2003.
305. "Ethics of Creating a Stem Cell Donor: A Case Study in the New Genetics," invited presentation, Minneapolis Society of Internal Medicine Fall Event. Minneapolis, MN. September 17, 2003.
306. "Organ Allocation: What is Justice?" invited presentation, United Resource Networks 12th Annual National Clinical Conference. Minneapolis, MN. September 15, 2003.
307. "Cutting Edge Issues in Human Subject Research," invited presentation, Law, Health and the Life Sciences: Joint Degree Program Pro-seminar Series. Minneapolis, MN. Sept 10, 2003.
308. "Ethics, Law and Policy in Cancer Prevention and Control Module," invited presentation, National Institutes of Health/National Cancer Institute NCI Summer Curriculum in Cancer Prevention. Rockville, MD. July 28, 2003.
309. "Ethics, Human Pesticide Testing, and EPA Policy," invited presentation, Minnesota Department of Health Brown Bag Lunch Series. St. Paul, MN. July 24, 2003.
310. "Post Market Issues: Engaging the Physicians and Patients in Continuous Data Collection and Analysis," invited presentation, Medical Technology Leadership Forum. Minneapolis, MN. July 18, 2003.
311. "The Shift From Protection to Access in Clinical Research," and "Ethics, Policy and Stem Cell Research," invited presentations, University of Iowa Human Subjects Office Seminar Series. Iowa City, IA. June 23, 2003.
312. "Little Cells, Big Issues: Ethics and Stem Cell Research and Therapy," invited presentation, Minnesota Medical Foundation Medical School Alumni Day. University of Minnesota. Minneapolis, MN. June 6, 2003.
313. "Ethical Issues in Emerging Technologies" invited presentation, 9th Annual Teaching Survival Skills and Ethics Conference. Snowmass, CO. June 4, 2003.
314. "Ethics, Pharmacogenetics and DNA Banking," invited presentation, Minneapolis VA Medical Center Seminar Series. Minneapolis, MN. May 27, 2003.
315. "Bioethics and Pharmacogenetics," invited presentation, Saint Luke's Hospital and the University of Minnesota—Duluth School of Medicine. Duluth, MN. May 23, 2003.

316. "Protection vs. Access: Navigating the Ethical Tensions in Clinical Research," invited keynote presentation, Contemporary Issues in Clinical Research, Park Nicollet Institute. St. Louis Park, MN. May 16, 2003.
317. "Ethical Issues: Lessons from Pharmacogenetics," invited presentation, National Academy of Sciences Food Forum Symposium. Washington, DC. May 6, 2003.
318. "Biomedical Ethics in the 21st Century," invited presentation, Program in Ethical Reflection at Carleton, Carleton College. Northfield, MN. April 28, 2003.
319. "Ethical Issues in Preimplantation Genetic Diagnosis," invited presentation, International Symposium on Umbilical Cord Blood Transplantation: New Insights and Future Directions. City of Hope National Medical Center, Monrovia, CA. April 26, 2003.
320. "Ethics, Policy, and the Challenges of the New Biology" invited presentation, San Diego Science and Technology Council – UCSD. San Diego, CA. April 10, 2003.
321. "Ethical Issues in Adolescent Health: Considerations for the Clinician," University of Minnesota Medical School "On Doctoring" Program. Minneapolis, MN. April 8, 2003.
322. "Ethics and Pharmacogenetics," visiting professor at Greenwall Fellowship Program, Phoebe Berman Bioethics Institute, Johns Hopkins University, Baltimore, MD. March 31, 2003.
323. "Ethics of Using PGD to Create Stem Cell Donors," Bioethics Interest Group, Phoebe Berman Bioethics Institute, Johns Hopkins University, Baltimore, MD. March 31, 2003.
324. "Ethics and Institutional Advancement: What are the Issues You Face," invited presentation, Group on Institutional Advancement National Professional Development Conference, (Association of American Medical Colleges). Memphis, TN. March 28, 2003.
325. "Ethical Issues Associated with Intentional Dosing of Human Research Participants with Toxicants," invited panelist, Third Meeting of the Committee on the Use of Third Party Toxicity Research with Human Participants, Science, Technology and Law Program of the National Academies. Washington, DC. March 19, 2003.
326. "Ethical Issues in Research Involving Communities," invited presentation, University of Illinois—Chicago International Center for Health Leadership Development Workshop. Chicago, IL. March 18, 2003.
327. "Ethical Issues in Stem Cell Transplant and Gene Therapy," invited presentation, 5th Annual Evolving Science of Blood/Marrow Transplantation Conference, sponsored by United Resource Networks. New Orleans, LA. March 12, 2003.
328. "Cover the Uninsured Week University of Minnesota Medical School Seminar," invited moderator, Cover the Uninsured Week, sponsored by the Robert Wood Johnson Foundation. Minneapolis, MN. March 11, 2003.
329. "Stem Cell Research and the Current Policy Environment," invited presentation, Bone Marrow Transplantation Seminar, University of Minnesota Cancer Center. Minneapolis, MN. March 10, 2003.
330. "Cover the Uninsured Week Town Hall Meeting," invited panelist, Cover the Uninsured Week, sponsored by the Robert Wood Johnson Foundation. St. Paul, MN. March 10, 2003.

331. "Ethics in Clinical Research," invited presentation, PubH 5550, School of Public Health, University of Minnesota. Minneapolis, MN. February 24, 2003.
332. "Stem Cell Research and the Current Policy Climate," invited presentation, Medical Grand Rounds, Department of Medicine, University of Minnesota Medical School. Minneapolis, MN. February 13, 2003.
333. "Sources and Stem Cells: Ethics and the Future of BMT," invited keynote speaker, American Society for Blood and Marrow Transplantation Society Annual Conference. Keystone, CO. January 31, 2003.
334. "Bioethics and Politics – The Current Climate," University of Minnesota Student Committee on Bioethics Seminar. Minneapolis, MN. January 30, 2003.
335. "Driven to Excel: Performance Enhancing Drugs and Sports, Evidence, Practice and Ethics," invited moderator, University of Minnesota Medical School On Doctoring Series: Science, Medicine and the Social Fabric. Minneapolis, MN. January 15, 2003.
336. "Ethics and Stem Cell Research," invited presentation, Elder Learning Institute, University of Minnesota. Minneapolis, MN. January 9, 2003.
337. "Inclusion: Policy, Ethics, or Justice? Is it Time to Re-examine the Guidelines?" invited panelist, Office of Research on Women's Health, National Institutes of Health Scientific Workshop. Washington, DC. January 7, 2003.
338. "Teaching Ethics in Public Health: A New Curriculum," invited panelist, American Public Health Association 130th Annual Meeting. Philadelphia, PA. November 12, 2002.
339. "Payment for Living Kidney Donation: The Pros and Cons," invited presentation, Transplantation Conference Debate, Department of Surgery, University of Minnesota Medical School. Minneapolis, MN. November 6, 2002.
340. "Ethics in Public Health: A New Curriculum," invited presentation, American Society for Bioethics and Humanities 5th Annual Meeting. Baltimore, MD. October 24, 2002.
341. "Ethics, Genetics and Public Policy for the Future," invited presentation, National Council of Women Judges Conference on Genome Justice: The Disparate Impacts of Genetic Testing on Women and Vulnerable Populations. Minneapolis, MN. October 17, 2002.
342. "Future of Molecular Genetic Testing and Bioethical Issues," invited presentation, 3M Corporation, Seminar on Biotechnology. St. Paul, MN. October 16, 2002.
343. "Ethics of Stem Cell Research," invited presentation, Lawrence University, Program in Biomedical Ethics. Appleton, WI. October 9, 2002.
344. "Institutional Environments for RCR Education and Training: The University of Minnesota Experience," invited presentation, Office of Research Integrity: The Role of Institutional Rules, Guidelines, and Education in Promoting the Responsible Conduct of Research Conference. Philadelphia, PA. September 24, 2002.
345. "Ethics of Living Organ Donation," invited presentation, 5th International Congress on Lung Transplantation. Paris, France. September 20, 2002.

346. "Biomedical Ethics of Genetic Testing and Pharmacogenetics," invited presentation, Spang Lectureship, St. Mary's/Duluth Clinic Health System Division of Education and Research. Duluth, MN. September 13, 2002.
347. "The Ethics of Conceiving a Stem Cell Donor," invited presentation, Department of Medical Humanities, East Carolina University Brody School of Medicine Perspectives Lecture Series. Greenville, NC. September 10, 2002.
348. "Ethical Issues in Transfusion Medicine," invited presentation, 27th Congress of the International Society of Blood Transfusion. Vancouver, Canada. August 26, 2002.
349. "Ethics, The Human Genome and Stem Cell Research: Where We Are and Where We're Going," invited presentation, 18th Annual ROSE Seminar. St. Paul, MN. July 30, 2002.
350. "Little Cells, Big Issues: The Ethics of Stem Cell Research," invited presentation, Aspen Allergy Conference 2002. Aspen, CO. July 27, 2002.
351. "Ethics and Public Health Research," invited presentation, Center for Bioethics Exploring Ethics and Public Health Intensive Workshop. Ruttgers Bay, MN. July 14-17, 2002.
352. "Ethics and Conflict of Interest in Clinical Research – A Policy Context," invited presentation, National Association of College and University Attorneys (NACUA) 42nd Annual Conference. Boston, MA. June 29, 2002.
353. "Ethical Issues In Radiation Research," invited presentation, American Radiation Safety Conference and Exposition. Tampa, FL. June 18, 2002.
354. "Ethical Issues In Stem Cell Research," invited presentation, American Diabetes Association 62nd Scientific Sessions. San Francisco, CA. June 15, 2002.
355. "Little Cells, Big Issues: Ethics and Stem Cell Research," invited presentation, Medical Alley Clinical Studies Conference. Minneapolis, MN. May 15, 2002.
356. "Innovations and IRB Challenges: Stem Cell Research," invited presentation, Innovation, Inclusiveness, and Informed Consent: Current Challenges for Institutional Review Boards and Researchers, Office of Human Research Protections, DHHS. Minneapolis, MN. May 13, 2002.
357. "Identifying and Managing Conflicts of Interest in Clinical Research," invited presentation, Promoting Integrity in Clinical Research, Office of Research Integrity and the Cleveland Clinic Foundation. Cleveland, OH. May 3, 2002.
358. "Living Donation – How Far Should We Go?" invited presentation, Issues in Transplantation and Organ Procurement 2002, National Kidney Foundation of Middle Tennessee and Vanderbilt University. Nashville, TN. May 2, 2002.
359. "Is Payment for Organ Donation Ethical?" invited presentation, American Transplant Congress: Transplant 2002. Washington, DC. April 29, 2002.
360. "Too Many Masters? Ethics and Conflicts of Interest in Clinical Research," invited presentation, Accountability in Clinical Research: Balancing Risk and Benefit, Annenberg Center for Health Sciences at Eisenhower. Indianapolis, IN. April 26, 2002.
361. "Little Cells, Big Issues: Ethics of Stem Cell Research", invited presentation, Elder Learning Institute, University of Minnesota. Minneapolis, MN. April 18, 2002.

362. "Ethics and Conflicts of Interest in Clinical Research," invited presentation, Conflicts of Interest and Research Integrity Conference, Washington University in St. Louis. St. Louis, MO. April 17, 2002.
363. "Pre-implantation Genetic Diagnosis and the Ethics of the New Genetics," invited presentation, Middlebury College, Middlebury, VT. April 15, 2002.
364. "Little Cells, Big Issues: Ethics of Embryonic Stem Cell Research," invited presentation, Hennepin Medical Society Physicians Association. Minneapolis, MN. April 9, 2002.
365. "Multi-cultural Issues: Health Care Policy and Bioethics," invited presentation, United Theological Seminary. St. Paul, MN. March 26, 2002.
366. "The Regulatory Challenges – Testing, Approval, Labeling, and Post-Marketing Surveillance," invited panelist, Pharmacogenomics: the Legal, Ethical and Clinical Challenges, University of Minnesota Joint Degree Program in Law, Health, and the Life Sciences. Minneapolis, MN. February 26, 2002.
367. "Case Presentation: An Unethical Clinical Trial for Hepatitis C," invited panelist, The St. Francis International Center for Healthcare Ethics. Honolulu, HI. February 14, 2002.
368. "Stem Cells, Embryos, and Ethics in Research," invited presentation, The St. Francis International Center for Healthcare Ethics. Honolulu, HI. February 14, 2002.
369. "Ethics, Genetics and the Challenges of New Medical Technologies," invited presentation, The St. Francis International Center for Healthcare Ethics. Honolulu, HI. February 14, 2002.
370. "Ethical Issues in Cancer Clinical Trials," invited presentation, Metro Minnesota Chapter of the Oncology Nursing Society. Minneapolis, MN. February 12, 2002.
371. "Experimental Treatments in Stroke: Research Protocol or Off-Label Use," invited presentation, American Stroke Association's 27th International Stroke Conference. San Antonio, TX. February 8, 2002.
372. "Bioethics in the 21st Century," invited presentations, Rice Memorial Hospital Ethics Committee and Hospital Staff. Willmar, MN. February 4, 2002.
373. "Ethics, Public Health and Medical Practice," invited panelist, University of Minnesota Law and Ethics of Public Health: Responses to Bioterrorism. Minneapolis, MN. January 29, 2002.
374. "Ethics, Genetics and the Challenges of New Medical Technologies," invited presentation, Minnesota Hospital and Healthcare Partnership 10th Annual Trustee Conference. Plymouth, MN. January 18, 2002.
375. "Stem Cells, Human Subjects, Conflict of Interest and Cloning: Examining the Frontiers of the Implications of these Front Burner Ethical Issues for Universities, and Hearing how Campuses Have Handled Them," Association of American Universities Council on Federal Relations Annual Retreat. Tucson, AZ. January 14, 2002.
376. "Ethical Considerations in Covering Bioterrorism," invited panelist, Journalism and Bioterrorism Conference. Minneapolis, MN. December 10, 2001.

377. "Ethics and Consent Issues," invited panelist, National Institute of Drug Abuse (NIDA) Genetics Consortium. Rockville, MD. December 4-5, 2001.
378. "Ethical Issues in Stem Cell Therapies," invited presentation, Annenberg Center for Health Sciences Islet Transplantation 2001 and Beyond: From Research to Clinical Application. Rancho Mirage, CA. December 1, 2001.
379. "Little Cells, Big Issues: The Ethics of Stem Cell Research," University of Minnesota Cancer Biology and Therapy Seminar Series 2001-2002. Minneapolis, MN. November 16, 2001.
380. "Little Cells, Big Issues: The Ethics of Stem Cell Research," invited presentation, The 19th Annual Terry C. Shackelford, MD, Memorial Lecture. Plymouth, MN. November 15, 2001.
381. "Ethics, Genetics and Stem Cells: Where we are and Where we're Going", invited presentation, MNBIO Conference on Biotech to the Future: How Biotech will Change our Lives. Bloomington, MN. November 15, 2001.
382. "Ethical Issues Surrounding Adult Volunteer Stem Cell Donors", invited presentation, National Marrow Donor Program 14th Annual Council Meeting. Minneapolis, MN. November 11, 2001.
383. "Ethical Challenges to Fulfilling the Promise of Stem Cells", invited presentation, AAMC Group on Institutional Advancement (GIA) 2001 Annual Meeting. Washington, DC. November 3, 2001.
384. "Ethics, Genetics and the Challenges of New Medical Technologies", invited presentation, St. Louis Park Rotary Club, St. Louis Park, MN. October 29, 2001.
385. "Ethical Issues in Schizophrenia Research", invited presentation, Second Annual Psychiatry Review Schizophrenia, sponsored by the University of Minnesota's Department of Psychiatry and the Medical School. Minneapolis, MN. October 29, 2001.
386. "Preimplantation Genetic Diagnosis and the Ethics of Creating Donors", invited panelist, American Society for Bioethics and Humanities 4th Annual Meeting, Nashville, TN. October 25, 2001.
387. "Bioethics as Policy: Experiences from Federal Advisory Committees", invited panelist, American Society for Bioethics and Humanities 4th Annual Meeting, Nashville, TN. October 25, 2001.
388. "Ethics of Allocation: Should the Increasing Waiting Time Change the Allocation? Should We Ration?", invited presentation, Transplant Immunosuppression 2001: the Compleat Care of the Transplant Recipient Conference, sponsored by the University of Minnesota Department of Surgery and the Medical School. Minneapolis, MN. October 24, 2001.
389. "Conflicts of Interest in Clinical Research: Ethical and Policy Issues", invited presentation, Sino-U.S. Conference on the Protection of Human Subjects in Clinical Trials and Biomedical Research. Kunming, China. October 21, 2001.
390. "Pre-implantation Genetic Diagnosis and the Ethics of the New Genetics", invited presentation, Salzburg Seminar Session 392: Biotechnology: Ethical, Legal, and Social Issues, Salzburg, Austria. October 14-21, 2001.
391. "Creation of a Donor", invited presentation, Medical College of Wisconsin Research Day. Milwaukee, WI. October 5, 2001.

392. "Creation of a Donor," invited Keynote presentation, United Resource Networks 10th Annual National Clinical Conference: Beyond the Horizon: Exploring Scientific Advances in Transplantation. Minneapolis, MN. September 10, 2001.
393. "Little Cells, Big Issues: Stem Cells, Embryos, and Ethics in Research," invited presentation, National Jewish Medical Center. Denver, CO. September 7, 2001.
394. "Public Policy and Ethical Concerns and Debate over Cloning and stem Cell Research and the Use of Personal Genetic/Genomic Sequence Information," invited panelist, Aventis Pharmaceuticals. Bridgewater, NJ. August 15, 2001.
395. "Designer Babies: Reproduction in the Genomic Age," invited panelist, National Conference of State Legislatures. San Antonio, TX. August 14, 2001.
396. "Ethical Issues in Emerging Technologies," invited presentation, University of Pittsburgh 7th Annual Workshop on Teaching Survival Skills and Ethics. Snowmass, CO. June 5, 2001.
397. "Research Ethics," invited presentation, Iowa State University Biotechnology Conference, Iowa State University Bioethics Institute. Ames, IA. May 30, 2001.
398. "Bioethical Issues Associated with Stem Cell Research," invited presentation, University of Minnesota Stem Cell Institute Executive Briefing. Minneapolis, MN. May 16, 2001.
399. "Bioethics and Policy of Biotechnology Roundtable Discussion," invited moderator, Dept. of Agronomy and Plant Genetics, University of Minnesota. St. Paul, MN. May 16, 2001.
400. "Ethics of Pre-Implantation Genetic Diagnosis and Creating Stem Cell Donors," invited presentation, HealthPartners Ob/Gyn Update 2001. Bloomington, MN. April 6, 2001.
401. "Ethical Issues in Living Donation," invited presentation, United Resource Networks 2nd Annual Conference: Exploring Organ Transplantation – Current Issues, Emerging Technologies and Innovative Approaches. Scottsdale, AZ. March 29, 2001.
402. "Justice: Thinking About Benefits and Burdens," invited presentation, Short Course on Racial and Ethnic Minorities as Research Subjects: Challenges for Research Ethics. Gallaudet University, Washington, DC. March 16, 2001.
403. "Bioethics in the 21st Century," invited presentation, Committee on Institutional Cooperation (CIC) Academic Leadership Program Spring Seminar. University of Iowa, Iowa City, IA. March 14, 2001.
404. "Ethics, Genetics and the Challenges of New Medical Technologies," invited panelist, Minnesota Hospital and Healthcare Partnership (MHHP) 53rd Annual Healthcare Executives' Institute. Plymouth, MN. March 8, 2001.
405. "Reconciling the Irreconcilable," invited panelist, "Irreconcilable Differences: Profits, Conflicts and Best Therapies – A Guide for Health Professionals' Interactions with the Pharmaceutical Industry," sponsored by the On Doctoring: Science, Medicine and the Social Fabric Series, University of Minnesota. Minneapolis, MN. February 15, 2001.
406. "Governing Genetically Modified Organisms (GMOs): Developing Policy in the Face of Scientific and Public Debate," invited panelist, co-sponsored by the Consortium on Law and Values in Health, Environment and the Life Sciences, the Joint Degree Program in Law, Health and the Life Sciences, and the College of Agricultural, Food and Environmental Sciences. Minneapolis, MN. February 1, 2001.

407. "Stem Cells and Genomics," invited panelist, CASE Media Fellowship on Genomics,, University of Minnesota News Service. Minneapolis, MN. January 25, 2001.
408. "PGD and Creating Stem Cell Donors: Ethical Implications," invited keynote address, United Resource Networks 3rd Annual Evolving Blood/Marrow Transplantation Conference. Naples, FL. January 22, 2001.
409. "The Human Genome, Stem Cells and Embryos," invited presentation, Women's Division of the Minneapolis Jewish Federation. Minnetonka, MN. February 5, 2000.
410. "Stem Cells, Embryos, and Ethics in Research," invited presentation, JDP Proseminar, University of Minnesota Law School. Minneapolis, MN. November 22, 2000.
411. "Fostering Research Integrity Through Educational Programs," invited panelist, "Lessons Learned at the University of Minnesota," Office of Research Integrity, Research Conference on Research Integrity. Bethesda, MD. November 18-20, 2000.
412. "Assessing Training Efforts in the Responsible Conduct of Research: Status, Challenges, and Future Directions," invited presentation, Office of Research Integrity, Research Conference on Research Integrity. Bethesda, MD. November 18-20, 2000.
413. "Ethical and Policy Issues in Development and Use of GMOs: The Evolution of the Debate," invited presentation, Plant Molecular Genetics Institute Annual Retreat, Minneapolis, MN. November 11, 2000.
414. "Ethical Issues Related to Mapping the Human Genome," invited presentation, 21st Annual St. Luke's Biomedical Ethics Seminar, St. Luke's Hospital, Duluth, MN. November 1, 2000.
415. "Ethical Issues in Assisted Reproductive Technologies," invited presentation, American Society for Reproductive Medicine Conference. San Diego, CA. October 21, 2000.
416. "Preimplantation Genetic Diagnosis and Creating Stem Cell Donors: Ethical Implications," invited presentation, University of Minnesota Pediatric Grand Rounds. Minneapolis, MN. October 18, 2000.
417. "Ethical Issues in Clinical Research: Moving from Protection to Access," invited presentation, University of Minnesota Cancer Center Seminar Series. Minneapolis, MN. September 26, 2000.
418. "Live Donation: An Innovative Approach to the Organ Donor Shortage," invited keynote presentation, 9th Annual National Clinical Conference. Minneapolis, MN. September 11, 2000.
419. "Beyond Consent Forms: Looking to the Future in Protecting Human Subjects," invited presentation, National Jewish Medical and Research Center: Protection of Human Subjects Seminar. Denver, CO. September 7, 2000.
420. "Ethics and Human Subjects Research," invited panelist, U.S. EPA Children's Health Protection Advisory Committee, Science and Research Work Group (RESOLVE). Washington, DC. August 24, 2000.
421. "Food Production will be Revolutionized by Biotechnology," invited presentation, Allen D. Leman Swine Conference, College of Veterinary Medicine, University of Minnesota. Minneapolis, MN. August 15, 2000.

422. "Overview: The Ethics of Human Subject Research," invited presentation, Veterans Affairs Intensive Ethics Training Program. Park City, UT. July 26, 2000.
423. "Ethics and Genetics – Privacy and Healthcare Policy," invited presentation, HealthPartners Institute for Medical Education Conference: Genetics and the Future. St. Paul, MN. June 13, 2000.
424. "How Far Should We Go? The Ethical Limits of Living Organ Donation," invited presentation, British Columbia Transplant Society Annual Provincial Renal Transplant Day. Vancouver, British Columbia, Canada, June 9, 2000.
425. "Responsible Research in the Age of Biotechnology," invited presentation, Samuel G. Dunn Lectureship for the Humanities in the Practice of Medicine. University of Texas Medical Branch at Galveston. Galveston, TX, May 23, 2000.
426. "Clinical Research Ethics: The Move from Protection to Access," invited presentation, HealthSystem Minnesota Conference on Ethics and the Patient Experience in Clinical Research. St. Louis Park, MN, May 19, 2000.
427. "Deciding for Others: the Ethics of Research in Emergency Settings," invited keynote presentation, Medical Alley's Clinical Studies Special Interest Group. St. Louis Park, MN, May 17, 2000.
428. "Living Donation," invited panelist, Transplant 2000: First Joint Meeting of the American Society of Transplant Surgeons and American Society of Transplantation. Chicago, IL, May 13, 2000.
429. "Justice and the Transplant Organ Distribution System," invited presentation, Children's Hospitals and Clinics Ethics Committee Recognition Event. Edina, MN, May 11, 2000.
430. "Ethics in Healthcare and their Role in Quality of Life Products," invited presentation, Medical Alley Seminar on Ethics in Healthcare. St. Louis Park, MN, May 3, 2000.
431. "Bioethics in the New Millennium," invited presentation, Minneapolis Branch American Association of University Women. Minneapolis, MN, April 24, 2000.
432. "How Will the Science of Biotechnology Develop in response to growing public concern," invited panelist, Biotechnology and Genomics Extension Conference, University of Minnesota. St. Paul, MN, April 3, 2000.
433. "Ethics, Genetics and the Challenges of New Medical Technologies," invited keynote presentation for Ethics Week at The Minnesota Academy of Mathematics and Science. Winona, MN, March 27, 2000.
434. "Frankenstein Food or Better Living Through Chemistry? The Ethics of Genetically Modified Plants," invited keynote presentation, 2000 Kermit A. Olson Memorial Lecture, University of Minnesota. St. Paul, MN, March 23, 2000.
435. "Ethical Issues in 'Creating' a Transplant Donor," Mentor Connection Seminar Speaker Series. Plymouth, MN, March 6, 2000.
436. "Iceland DNA Project," invited presentation, Dept. of Biochemistry, Molecular Biology and Biophysics, College of Biological Sciences, University of Minnesota. Minneapolis, MN, February 29, 2000.
437. "Ethical Issues in Biotechnology," invited presentation, Minnesota Agri-Growth Council Annual Meeting. Bloomington, MN, November 9, 1999.

438. "Hot Topics in Bioethics," invited presentation, House of Hope Presbyterian Church Adult Education Group. St. Paul, MN, November 7, 1999.
439. "New Millennium Issues in Ethics," keynote speaker and panelist, United Theological Seminary of the Twin Cities Annual Benefit. St. Paul, MN, November 5, 1999.
440. "Bioethics and the Law: Oil and Water or Vinaigrette," keynote address, Law, Medicine and Biomedical Ethics in Patient Care Decisions Conference, St. Luke's Hospital and Regional Trauma Center. Duluth, MN, November 3, 1999.
441. "Ethical Implications of Gene Patenting," invited panelist, American Society for Bioethics and Humanities Second Annual Meeting. Philadelphia, PA, October 28-31, 1999.
442. "Current Controversies and Future Directions in Contemporary Research," invited presentation, Conference on Research Ethics: Confronting Challenges in the Next Millennium. University of Illinois at Chicago. Chicago, IL, October 15, 1999.
443. "Attention Shoppers: Special Today – Iceland's DNA," invited presentation, Fall 1999 Health Informatics Seminar Series, University of Minnesota. Minneapolis, MN, October 7, 1999.
444. "Ethical Issues in 'Creating' a Transplant Donor," invited presentation, United Resource Network National Conference. Bloomington, MN, October 5, 1999.
445. "Current Ethical Challenges in Clinical Research," invited presentation, Veterans Health Administration Ethics Center Conference on Ethical Issues Within the Continuum. Minneapolis, MN, September 10, 1999.
446. "The Ethics of Art," invited presentation, 32nd Annual Meeting of the Society for the Study of Reproduction, Center for Reproductive Biology – Washington State University/University of Idaho. Pullman, WA, August 3, 1999.
447. "Is Managed Care an Oxymoron? Ethical Issues in the Changing Healthcare System," invited presentation, 46th Annual Meeting of the Society of Nuclear Medicine. Los Angeles, CA, June 7, 1999.
448. "Ethical Issues in Organ Transplantation," invited presentation, On Doctoring: Science, Medicine and the Social Fabric, University of Minnesota Medical School. Minneapolis, MN, May 4, 1999.
449. "How Far Should We Go? Public Policy and Human Cloning," invited presentation, Andrews University. Berrien Springs, MI, April 8, 1999.
450. "Toward a Better Death: End-of-Life Care Issues," invited panelist, Covering Health Care for Older Americans conference, Co-sponsored by the Minnesota Journalism Center, Journalists' Exchange on Aging and the Association of Health Care Journalists and the American Society on Aging. Minneapolis, MN, March 12, 1999.
451. "Of Cowboys and Embryos: Ethics and Embryonic Stem Cells," invited presentation, CHIP Winter Lecture Series, University of Minnesota. Minneapolis, MN, March 11, 1999.
452. "Assisted Reproductive Technologies: Septuplets, Octuplets, and the Problem of Multiple Births," invited panelist, Law & Medicine Society's Law, Medicine, and Bioethics Awareness Week. University of Minnesota Law School. Minneapolis, MN, March 10, 1999.

453. "Ethical Issues in Human Subject Research," invited presentation, Division of Epidemiology, School of Public Health, University of Minnesota. Minneapolis, MN, March 9, 1999.
454. "Genetic Testing for Breast Cancer: Implications for Jewish Women," invited presentation, Minneapolis Jewish Federation Women's Political Awareness lecture. Minneapolis, MN, February 16, 1999.
455. "Ethics & AIDS: Risks in the Changing Epidemic," invited presentation, Third in the Series On Doctoring: Science, Medicine and the Social Fabric, University of Minnesota Medical School. Minneapolis, MN. February 12, 1999.
456. "Ethical Issues in Genetic Epidemiology Research," invited presentation, University of Washington School of Public Health. Seattle, WA, January 27, 1999.
457. "Medicating the Media," invited presentation, Program in Clinical, Biomedical, and Public Health Ethics, College of Medicine, University of Illinois at Chicago. Chicago, IL, January 13, 1999.
458. "Ethical Issues in the New Reproductive Technologies from Jewish and secular perspectives," invited presentation, Minneapolis/St. Paul Chapter of Brandeis University Women. St. Paul, MN, December 3, 1998.
459. "Teaching Research Ethics: A Status Report," invited presentation, American Public Health Association 126th Annual Meeting and Exposition. Washington, DC, November 16, 1998.
460. "Decision Making Capacity and the Equipose of Research Subjects," invited presentation, Friends Research Institute, Inc. 2nd National Ethics Conference. Baltimore, MD, November 14, 1998.
461. "Promoting Patient Confidentiality," invited presentation, Third District Nurses Continuing Education Program. St. Louis Park, MN, November 5, 1998.
462. "Brave New World or Same Old Song? Confronting Ethical Issues in Medicine in the 21st Century," invited presentation, Minnesota Medical Foundation Annual Dinner Meeting. Minneapolis, MN, October 26, 1998.
463. "Introduction: What Responsibilities, Whose Ethics?" invited presentation, On Doctoring: Science, Medicine and the Social Fabric, University of Minnesota. Minneapolis, MN, October 16, 1998.
464. "AIDS Vaccine: Is It For You?," invited presentation, A Minnesota AIDS Project Lifeline Forum, Minnesota AIDS Project. Minneapolis, MN, October 15, 1998.
465. "End of Life Care Issues," invited presentation, University of South Dakota School of Medicine Board of Visitors Meeting. Sioux Falls, SD, October 10, 1998.
466. "The Limits of Altruism: The Ethics of Encouraging Donation," invited presentation, National Marrow Donor Annual Council Meeting. Minneapolis, MN, September 18, 1998.
467. "Ethical, Legal and Public Policy Issues of Tissue Engineering and Genomics," invited presentation, Institute of Technology's Fall 1998 Management of Technology Program, University of Minnesota Center for the Development of Technological Leadership. Chaska, MN, September 11, 1998.
468. "The Ethics of Emergency Research," invited presentation, Department of Surgery, ICU conference, University of Minnesota. Minneapolis, MN, September 8, 1998.

469. "Science and Ethics at a Crossroads: Basic and Applied Science in Cloning," invited panelist, 1998 Life Sciences Summer Undergraduate Research Programs, University of Minnesota. Minneapolis, MN, July 23, 1998.
470. "Current Ethical Issues in Organ Transplantation," invited presentation, Second Chance for Life Foundation Scientific Session. St. Louis Park, MN, July 17, 1998.
471. "Traumatic Birth Injuries," invited presentation, Minnesota Law and Politics Medical Malpractice Seminar. Minneapolis, MN, June 29, 1998.
472. "Why Public Health Needs Bioethics," Commencement Address, School of Public Health, University of Minnesota. St. Paul, MN, June 12, 1998.
473. "Ethics of Managed Care," invited panelist, Shalom Home West. St. Louis Park, MN, May 21, 1998.
474. "Ethics and Managed Care," invited presentation, Back to Basic Sciences, Program for 3rd and 4th Year Medical Students, University of Minnesota Medical School. Minneapolis, MN, May 21, 1998.
475. "The Promise and Pitfalls of Genetic Testing: Confidentiality, Discrimination, and Informed Consent," invited lecture, University of Minnesota, Duluth, Medical School. Duluth, MN, May 12, 1998.
476. "Justice in Research and the Limits of Informed Consent," invited presentation to the St. Mary's/Duluth Clinic Health System Institutional Review Board. Duluth, MN, May 12, 1998.
477. "Animal Research Ethics Issues," invited presentation, Animal Science and Veterinary Medicine, University of Minnesota. St. Paul, MN, May 6, 1998.
478. "Dealing with Today's Bioethical Issues," invited presentation, Annual Initiation and Recognition Banquet of the Honor Society of Agriculture, University of Minnesota Chapter. St. Paul, MN, April 30, 1998.
479. "Future Horizons in Public Sector Health Insurance-Ethical and Policy Issues," invited keynote address, Setting the Course: Health Care Purchasing for year 2000 and beyond symposium, Minnesota Department of Employee Relations. Bloomington, MN, April 29, 1998.
480. "Genetics, Identity and Justice," invited panelist, 21st Century Trust Conference, Merton College, Oxford, England. March 27-April 4, 1998.
481. "A Healing Journey," invited panelist, Jewish Community Center of the Greater St. Paul Area. St. Paul, MN, March 20, 1998.
482. "Withholding and Withdrawing Treatment: Implications for Organizational Management," "From Protection to Access: Evolving Issues in the Ethics of Research in Human Subjects," and "Individual Rights and the Public Good: Ethical Issues in Public Health," invited presentations, Critical Issues in Bioethics Conference and Public Lectures, University of Minnesota—Crookston. Crookston, MN, March 8-13, 1998.
483. "Bioethics: Where we've been & where we're going," invited presentation, Biology Seminars at the University of St. Thomas. St. Paul, MN, February 20, 1998.
484. "Where Marketing and Medicine Meet," invited presentation, Department of Medicine Grand Rounds, University of Minnesota. Minneapolis, MN, February 19, 1998.

485. "From Protection to Access: Rethinking Justice in the Context of Human Subjects Research," invited presentation, Studies of Science and Technology, University of Minnesota Colloquium. Minneapolis, MN, February 13, 1998.
486. "Ethics in Health Care," invited presentation, Leadership Minneapolis Health Care Day, Greater Minneapolis Chamber of Commerce. Minneapolis, MN, February 12, 1998.
487. "Governments Role in Bioethics," invited presentation, National Conference on Catholic & Jewish Perspectives on Bioethics. Saint Leo, FL, February 10, 1998.
488. "How Close Is the Brave New World?: Ethical Issues in Reproduction," invited presentation, Minneapolis Jewish Federation Political Awareness Study Series, Shalom Home West. St. Louis Park, MN, January 20, 1998.
489. "Ethics Considerations," invited presentation, White Coat Ceremony, University of Minnesota Medical School. Minneapolis, MN, January 10, 1998.
490. "Ethics of Clinical Residents: Past and Present Lessons," invited presentation, University of Minnesota ICU conference. Minneapolis, MN, December 12, 1997.
491. "Genetic Testing," invited presentation, Science Museum of Minnesota. St. Paul, MN, November 18, 1997.
492. "Assisted Suicide," invited presentation, Orono High School. Orono, MN, November 18, 1997.
493. "Human Radiation Studies," invited presentation, International Partners Workshop Human Research Multilateral Review Board, Center for Advanced Studies, NASA. Houston, TX, November 13, 1997.
494. "The Unkindest Cuts: The History of Radiation Research on Children and Lessons for Clinical Research," invited presentation, Pediatric Grand Rounds, University of Minnesota Medical School. Minneapolis, MN, October 29, 1997.
495. "Past and Present Lessons in the Ethics of Clinical Research," invited presentation, Millard Fillmore Health Center. Buffalo, NY, October 24, 1997.
496. "Ethical Issues in Managed Care: Lessons from Minnesota," invited presentation, Millard Fillmore Health Center. Buffalo, NY, October 24, 1997.
497. "Ethical Issues in Clinical Research: Lessons of Hope and Opportunity," invited presentation, The First International Conference on Ethical Issues in Biomedical Engineering, Clemson University. Clemson, SC, September 28, 1997.
498. "Bioethics Consequences of ART," invited presentation, A Foundation for the Next Millennium: Principles for Nurses Specializing in Reproductive Medicine and the ARTs, Medical Education Collaborative. New Orleans, LA, September 11-13, 1997.
499. "Informed Consent: Past, Present and Future," invited presentation, Unity Hospital. Fridley, MN, September 9, 1997.
500. "Ethical Issues in the Development and Testing of New Medical Technology," invited presentation, Medical Alley. St. Louis Park, MN, August 20, 1997.

501. "The Moral, Ethical & Technological Complications session," invited presentation, Confidentiality of Substance Abuse Patient Records, Medical Educational Services, Inc., June 18, 1997.
502. "Practical Clinical Research Ethics," presentation-workshop, Society of General Internal Medicine. Washington, DC, May 1-3, 1997.
503. "Ethical Issues in Genetic Testing for Alzheimer's Disease," invited presentation, Geriatric Research, Education, & Clinical Center (GRECC). Minneapolis, MN, April 28, 1997.
504. "Ethical Issues, Assisted Suicide and Disability," invited presentation, Minnesota State Council on Disability Annual Conference. St. Paul, MN, April 5, 1997.
505. "The Lessons of Hope and Opportunity: Past and Future Issues in the Ethics of Clinical Research," invited presentation, 1997 General Clinical Research Centers (GCRC) Annual Meeting. Washington, DC, March 7, 1997.
506. "Research Ethics and a Crisis of Trust: Black and Blue at the University of Minnesota," invited presentation, East Carolina University School of Medicine, Duke University Medical Center. Durham, NC, February 20, 1997 and Greenville, NC, February 21, 1997.
507. "The Unkindest Cuts: Radiation Experiments on Children During the Cold War," invited Grand Rounds, Children's Healthcare. St. Paul, MN, February 13, 1997 and Minneapolis, MN, December 10, 1996.
508. "Ethics of Reproductive Medicine: A Discussion of the Money Back Guarantee," invited presentation, Annual Meeting of the Minnesota Chapter of the American College of Obstetricians and Gynecologists. Minneapolis, MN, December 7, 1996.
509. "Strategies for Addressing the IRB's Current Obstacles: Holding it Together and Measuring Our Success" and "The Responsible Conduct of Research: A Commitment for All Scientists," invited panelist, Annual Meeting of Public Responsibility in Medicine and Research (PRIM&R). San Diego, CA, November 11-14, 1996.
510. "Vulnerability and the Public Good: Government Radiation Experiments and the Cold War," invited presentation, Minnesota Academy of Medicine. St. Paul, MN, November 5, 1996.
511. "Issues in Assisted Reproductive Technology," invited presentation to the Hoping and Coping Conference, Midwest Center for Reproductive Health, PA and North Memorial Health Care. St. Louis Park, MN, October 26, 1996.
512. "Report of the Findings and Recommendations of the Advisory Committee on Human Radiation Experiments," invited speaker, and "Contemporary Legal Issues and Actions in Human Subject Research," invited panelist, OPRR and FDA sponsored IRB conference on the Role of the IRB in Collaborative Research, University of Illinois College of Medicine. Peoria, IL, September 26, 1996.