

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Eric Thomas Juengst, Ph.D.	POSITION TITLE Professor of Bioethics		
eRA COMMONS USER NAME EJuengst			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of the South, Sewanee, TN	B.S.	1978	Biology
Georgetown University, Washington, D.C.	M.A.	1980	Ethics
Georgetown University, Washington, D.C.	Ph.D.	1985	Philosophy of Medicine

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

Positions:

1984-1987 Adjunct Lecturer –Acting Chief, Division of Medical Ethics, U.C.S.F. School of Medicine.
 1988-1990 Assistant Professor, Department of Humanities, Penn State Univ. College of Medicine.
 1990-1994 Chief, Ethical Legal and Social Implications Branch, National Center for Human Genome Research, National Institutes of Health.
 1994-2006 Associate Professor of Bioethics, Department of Bioethics, Case Western Reserve University School of Medicine.
 2004- Director, Center for Genetic Research Ethics and Law, Case Western Reserve University
 2006- Professor of Bioethics, Department of Bioethics, Case Western Reserve University

Honors and National Service:

1978 Phi Beta Kappa
 1978 Graduated Magna Cum Laude, with Departmental Honors in Biology
 1981 “Distinction” on Ph.D. Qualifying Exam in Ethics
 1991-1995 Fellow, The Kennedy Institute of Ethics, Georgetown University, Washington, DC
 1991 National Center for Human Genome Research Director’s Award
 1992 National Institutes of Health Award of Merit
 1995- Member, National Ethics Committee, March of Dimes
 1996-1998 Member, Committee on Human Genome Diversity, National Research Council
 1997-2000 Member, DNA Advisory Board, Federal Bureau of Investigation
 1997-2001 Member, Recombinant DNA Advisory Committee, NIH
 2000 Elected Fellow, The Hastings Center
 2003 Lifetime Distinguished Fellow, Center for Society, the Individual and Genetics, UCLA
 2002-2005 Member, National Advisory Council on Human Genome Research, NIH
 2006 Golden Eurydice Prize, International Forum on Biophilosophy, Leuven, Belgium.

B. Selected peer-reviewed publications (in chronological order). Do not include publications submitted or in preparation.

Eric Juengst, “Should we treat the human germ-line as a global human resource?” *Philosophy and Medicine Series # 55* (Kluwer Academic Publishers, 1998): 85-102.
 E. Juengst, “Groups as gatekeepers to genomic research: Conceptually confusing, morally hazardous and practically useless.” *Kennedy Institute of Ethics Journal* 8;2 (1998): 183-200
 E. Juengst and LeRoy Walters, “Ethical issues in human gene transfer research,” in T. Friedmann, Ed., *The Development of Human Gene Therapy* (Cold Spring Harbor Press, 1999): pp. 691-713.
 E. Juengst, “Genetic testing and the moral dynamics of family life,” *Public Understanding of Science* 8(1999): 1-13

E. Juengst, I-DNA-fication, personal privacy and social justice," *Chicago-Kent Law Review* 74;4 (1999): 101-122

E. Juengst, "Concepts of disease after the Human Genome Project," *Philosophy and Medicine Series #65* (Kluwer Academic Pub: 2000): 125-152.

E. Juengst, "What 'community review' can and cannot do," *Journal of Law, Medicine and Ethics* 28(Spring, 2000): 52-55.

E. Juengst and Michael Fossel, "The ethics of embryonic stem cells", *JAMA* 284(2000): 3180-3184.

Eric Juengst, "The Ethics of Enhancement." In Thomas Murray and Maxwell Mehlman, Eds., *The Encyclopedia of Ethical, Legal and Policy Issues in Biotechnology*, (NY: John Wiley & Sons, 2000):503-508

Erik Parens and E. Juengst, "Inadvertently crossing the germ line," *Science* 292(April 20, 2001): 397.

E. Juengst, "Growing pains: Bioethical perspectives on growth hormone replacement research," *Journal of Anti-Aging Medicine* 5;1(2002): 65-71.

Beth Dugan, Georgia Weisner, E. Juengst, Maryann O'Riordan, Anne Matthews, Nathaniel Robin,"Duty to warn at-risk relatives for genetic disease: Genetic counselors' clinical experience." *American Journal of Medical Genetics* 119C(2003): 27-34.

E. Juengst, "What next for human gene therapy?" *British Medical Journal* 326(June 28,2003): 1410.

E. Juengst, R. Binstock, M. Mehlman, S.Post, P. Whitehouse "Biogerontology, 'Anti-aging medicine' and the challenges of human enhancement" *The Hastings Center Report* 33;4(Aug/Sept., 2003): 21-30.

E. Juengst and Erik Parens, "Germ-line dancing: definitional considerations for policy-makers," In A. Chapman, M.Frankel, Eds., *Designing Our Descendants: The Promises and Perils of Genetic Modifications* (Baltimore: Johns Hopkins U. Press, 2003), pp. 20-39.

E. Juengst, "Community engagement in genetic research: the "slow code" of research ethics?" In Bartha Knoppers, Ed., *Populations and Genetics: Legal and Socio-Ethical Perspectives* (Boston: Martinus Nijhoff Pub., 2003), pp. 181-199.

E. Juengst, "Anti-aging research and the limits of medicine," In Stephen Post and Robert Binstock, eds., *The Fountain of Youth: Cultural, Scientific and Ethical Perspectives on a Biomedical Goal* (Oxford U. Press, 2004), pp. 321-340.

M.J. Mehlman, R.H. Binstock, E.Juengst, R. Ponsaran, P. Whitehouse, "Anti-aging medicine: Can consumers be better protected?" *The Gerontologist* 44(2004): 304-310.

E. Juengst, "FACE facts: Why human genetics will always provoke bioethics" *Journal of Law, Medicine and Ethics* 32(2004): 267-275.

L. Beskow, J. Botkin, M. Daly, E. Juengst, L. Lehman, J.Merz, R.Pentz, L.Ross, J. Sugarman, L. Susswein, S. Terry, M. Austin, W. Burke, "Ethical issues in identifying and recruiting participants for familial genetic research," *American Journal of Medical Genetics* 130A (2004): 424-431.

E. Juengst, "Can aging be interpreted as a healthy, positive process?" In M. Wykle, P. Whitehouse, D. Morris, Eds., *Successful Aging Through the Life Span: Intergenerational Issues in Health* (NY: Springer Pub. Co; 2004): 5-18.

Eric Juengst and Roselle Ponsaran, "Normal aging, disease prevention and medical ethics," *Public Policy and Aging Report* (2004): 14-18

Eric Juengst, "Genetic Testing and Screening: Populaton screening" In Stephen Post, Ed., *The Encyclopedia of Bioethics, 3^d Edition* (NY: MacMillan Pub Co, 2004), pp. 1007-1015.

Peter Whitehouse and Eric Juengst, "Anti-aging medicine and Mild Cognitive Impairment: practice and policy issues for geriatrics," *Journal of the American Geriatrics Society* 53 (2005): 1417-1422.

Eric Juengst, "Alter-ing the human species? Misplaced essentialism in science policy," In John Rasko, Gabrielle O'Sullivan and Rachel Ankeny, Eds., *The Ethics of Inheritable Genetic Modification* (Cambridge, UK: Cambridge U. Press, 2006): 149-159.

Eric Juengst, "Population genetic research and screening: conceptual and ethical issues," In Bonnie Steinbock, Ed., *The Oxford Handbook of Bioethics* (Oxford U. Press, 2006), pp. 471-490.

Eric Juengst and Hannah Grankvist, "Ethical issues in human gene transfer: a historical overview," in Richard Ashcroft, Angus Dawson, Heather Draper and John McMillan, Eds, *Principles of Health Care Ethics* (John Wiley and Sons, 2007, 789-797).

Eric Juengst and Aaron Goldenberg, "Genetic diagnostic, pedigree and screening research," in Ezekiel Emanuel, Christine Grady, Reidar Lie, Franklin Miller and David Wendler, Eds., *The Oxford Textbook on The Ethics of Clinical Research* (Oxford University Press, 2008), pp. 298-315.

C. Research Support.

ACTIVE

1R01HG003879-01 (Mehlman, PI) 03/23/06-01/31/09
NIH/NHGRI

Protecting Human Subjects in Genetic Enhancement Research

This project will identify ethically relevant differences between therapeutic and enhancement genetic research and analyze these differences in terms of the ethical principles that govern human subjects research, in order to determine whether current rules and regulations adequately restrict enhancement research, and, if not, propose changes to existing rules and regulations so that society can respond effectively to possible future attempts to conduct research on genetic enhancement using human subjects.

2 R01 AG020916-04A1 7/15/2006-5/31/2009
Juengst, ET (PI)

Controlling Human Aging: Alternative Rationales and Implications

This is the competitive renewal for the Enhancement Ethics and the Molecular Genetics of Aging Project.

R01 HG002207-04 (Marshall) 9/26/2000-8/31/2008
National Human Genome Research Institute
Informed Consent in Genetics Research: An International Trial

This study represents the first transnational attempt to evaluate a videotaped educational intervention for informed consent in genetic epidemiological research.

P50-HG-003390-01 9/1/04-7/31/09
NIH, National Human Genome Research Institute

Center for Genetic Research Ethics and Law

Principal Investigator: E.T. Juengst, Ph.D., Department of Bioethics, CWRU. Specific Aims: To coordinate and support interdisciplinary research projects examining the ethical and legal issues arising in six kinds of human genetic research: genetic family studies, community-based genetic epidemiology, human genetic variation research, genome-wide scanning research, commercially-based research and research aimed at genetic enhancements. My responsibilities include participation in overall Center activities and directing the project on community engagement in international genetics research.

OVERLAP:

None