

## BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed on Form Page 2.  
Photocopy this page or follow this format for each person.

NAME  David Magnus	POSITION TITLE  Associate Professor (teaching), Stanford University Director, Center For Biomedical Ethics Co-Chair, Stanford Hospital Ethics Committee		
EDUCATION/TRAINING ( <i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i> )			
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
University of California, at Riverside Stanford University, Stanford, CA	B.A. PhD. .	1979-1984 1984-1989, 1994	Philosophy Philosophy

### PROFESSIONAL EXPERIENCE:

1989- Associate Reviewer, *Behavioral and Brain Sciences*  
 1989-1994 Assistant Professor of Philosophy, Grinnell College, Grinnell, IA  
 1993-1994 Chair, Technology Studies, Grinnell College, Grinnell, IA  
 1994-1997 Philip M. Phibbs Professor of Ethics and Science and Assistant Professor of  
 Philosophy, University of Puget Sound, Tacoma, WA  
 1996 Director, NEH and NSF Institute, "Scientific, Ethical, and Social Challenges of  
 Contemporary Genetic Technology", University of Puget Sound,  
 1997-2003 Assistant Professor of Bioethics, University of Pennsylvania,  
 Graduate Studies Director, Center for Bioethics, University of Pennsylvania,  
 2003- Associate Professor (teaching), Pediatrics  
 Director, Center for Biomedical Ethics  
 Co-Chair, Stanford Hospital Ethics Committee  
 2000- Associate Editor, *American Journal of Bioethics*

### HONORS and AWARDS:

2000 Expert for World Bank on Food Security and Biotechnology  
 2000 E.G. Young seminar for the Chemical Institute of Canada (lecture series in several cities  
 in Canada)  
 2001 "Moral and Social Consequences of the Human Genome Project", Thomas Hart and  
 Mary Jones Horning Endowment in the Humanities lecture, Oregon State University  
 2002 Woodrow Wilson Convocation Speaker, Clarkson University  
 2002-2003 National Research Council of the National Academies of Science Committee on  
 Biological Confinement of Genetically Engineered Organisms  
 2003- Secretary of Agriculture's Advisory Committee on Biotechnology and the 21<sup>st</sup> Century

- 2003 Arnold G. Wedum Memorial Lecture, the American Biological Safety Association  
2004 Best New Journal award, Council of Editors of Learned Journals for the American Journal of Bioethics

### SELECTED PUBLICATIONS:

#### Books

*Who Owns Life?* (Ed. with Art Caplan and Glenn McGee) Prometheus Press, 2002

#### Reports

(Member) Committee on Biological Confinement of Genetically Engineered Organisms, National Research Council of the National Academies, *Biological Confinement of Genetically Engineered Organisms*, National Academies Press, 2004.

#### Articles

**D. Magnus**, “The Ethics of Preimplantation Genetic Diagnosis”, *Fertility Today*, v.1, no.1, 2005.

**Magnus, D.**, “Stem Cell Research Should be More than a Promise”, the *Hastings Center Report*, v.34,, no.5, 2004.

**Magnus, D.**, Cho, M., “Issues in Oocyte Donation for Stem Cell Research,” *Science*, v.308, no. 5729, June 17, 2005.

Caplan, **D. Magnus**, “New Life Forms: New Threats, New Possibilities”, In Brief, *Hastings Center Report*, Nov/Dec., 2003, p. 7.

**Magnus, D.**, “The Meaning of Graduate Bioethics Education”, *The American Journal of Bioethics*, v.2, #4, 2002.

**Magnus, D.** “Is There a Bioethicist in Your Company? Should There Be?”, *Drug Discovery Today*, April 2002, vol. 7, no. 7.

Jon Merz, **David Magnus**, Mildred Cho, and Art Caplan, “Protecting Subjects interests in Genetics Research”, *American Journal of Human Genetics*, 70:965-971, 2002.

**David Magnus**, Art Caplan, “NAS Cloning Hearing Disappoints Participants”, *Science*, v. 294, #5547, Nov. 23, 2001, p. 1651.

**Magnus, David**: Genetically Modified *Organisms Lahey Clinic Medical Ethics Newsletter*, Spring, 2001.

**David Magnus**, “Bioethics Programs Evolve as They Grow,” *Nature Biotechnology*, Oct. , v.19, 991-992, 2001.

**David Magnus** and Glenn McGee, "Eugenics and Ethics" in MJ Mehlman and TH Murray, eds, *The Encyclopedia of Ethical, Legal, and Policy Issues in Biotechnology*, New York: John Wiley and Sons, 2000.

Mildred Cho, **David Magnus**, Art Caplan, Daniel McGee, and the Ethics of Genomics Group: "Ethical Considerations in Synthesizing a Minimal Genome, *Science*, Dec. 10, 1999.

Art Caplan, Glenn McGee, and **David Magnus**: "What is Immoral about Eugenics *BMJ*, 319, Nov. 1999.

**Magnus, David.**: Disease Gene Patenting: A Clinician's Dilemma. *Cambridge Quarterly of Healthcare Ethics*, v.7, 1998

**Magnus, David.** : Evolution Without Change in Gene Frequencies. *Biology and Philosophy*, v.13, 1998

**Magnus, David.** : Theory, Practice, and Epistemology in the Development of Species Concepts, *Studies in the History and Philosophy of Science* , v. 27. n. 4, 1997

**Magnus, David.** : Heuristics and Biases in Early Evolutionary Biology. *Biology and Philosophy* , v.12, n.1, 1997

**Magnus, David** and Peter Thiel.: Hidden Adaptationism. *Behavioral and Brain Sciences*, v.13, no.1,1990

**Magnus, David.**: Causal Stories. *Behavioral and Brain Sciences*, v.13, no.4, 1990

### Book Chapters

**Magnus, D.** Deverka, P., "From Genome to Drug: Ethical Issues," in J. Handen, ed. *Industrialization of Drug Discovery*, Taylor and Francis, 2005.

**Magnus, D.:** "The Concept of Genetic Disease," in Arthur Caplan, James McCartney, and Dominic Sisti (eds), *Health, Disease, and Illness*, Georgetown University Press, 2004.

Philosophy of Biology, in S. Post, ed., *The Encyclopedia of Bioethics*, Macmillan, 2003.

Health and Environmental Concerns about Genetically Modified Organisms, in Sol Katz., ed. *The Encyclopedia of Food and Culture*, Charles Scribner, 2003.

The Primacy of the Moral in the GMO Debates (with Art Caplan) in Ruse, M. and Castle, D. (eds). *Genetically Modified Foods: Science, Religion, Morality*. Prometheus Press, 2002.

Intellectual Property and Agricultural Biotechnology: Bioprospecting or Biopiracy, in Magnus, D., Caplan, A., and McGee, G. (eds). *Who Owns Life?* Prometheus Press, 2002.

Cloning and the Regulative Dilemma, in Arlene Klotzko, ed., *The Cloning Source Book*, Oxford University Press, 2001.

Ethical Issues in the Move from Genome to Therapy, in *From Genome to Therapy: Integrating New Technologies with Drug Development*, ed. by J. Goode, Wiley and Co, 2000

Down the Primrose Path: Competing Epistemologies in Early Twentieth Century Biology in Maienschein and Creath, eds., *Epistemology and Biology* Cambridge University Press, 2000.

Vernon Lyman Kellogg. *American National Biography*, Oxford University Press, 1999.

David Starr Jordan. *History of Science in the United States: An Encyclopedia*, ed. Marc Rothenberg. Garland Publishing Inc. 1999.

Hull and Hubbard: Commentary in Susan Lawrence, Evan Fales, and Robert Weir, ed. *Genes and Human Self-Knowledge*, University of Iowa Press, 1994.

### Editorials

**Magnus, D.**, Carroll, K., Wolpe, P, McGee, G. “A new era for AJOB,” *The American Journal of Bioethics*, v.4, no.3, 2004.

**Magnus, D.**, “Politics and Peer Review”, *The American Journal of Bioethics*, v. 4, no.1, 2004 (with Glenn McGee) The AJOB Experiment, *The American Journal of Bioethics*, 1;1, 2001.

(with Lisa Dagostino) The Impact of Genetic Testing on the Family, *The American Journal of Bioethics*, 1:3, 2001.

### OP ED (2003 – 2005)

Cho, M., **Magnus, D.**, “Scientists Clone Stem Cells From Human Patients,” *San Jose Mercury*, May 20, 2005.

**Magnus, D.**, Caplan, A., “Taking Stem Cell Rules Even Further,” *San Jose Mercury News*, April 28, 2005

**Magnus, D.**, Caplan, A., “Stem Cells: Federal Funding Failure,” *San Jose Mercury News*, February 13, 2004.

**Magnus, D.**, Caplan, A., “Stanford Breakthrough Likely To Rekindle Stem Cell Debate,” *San Jose Mercury News*, July 28, 2004.

**Magnus, D.**, Caplan, A., “Stem Cell Research Will Now Proceed; The Issue is How,” *San Jose Mercury News*, December 13, 2004.

**Magnus, D.**, Caplan, A., “Creation Of Designer Viruses Poses Biological Ethics Questions” San Jose Mercury News, November 17, 2003.

**Magnus, D.**, “Crowded Out,” San Jose Mercury, October 26, 2003

### Book Reviews

“Thinking about caring about animals” a review of M. Nussbaum and C. Susteain, eds, “Animal Rights”, for Science, v. 306, Oct. 1, 2004.

Review of Peter Beurton, R. Falk, H-J Rheinberger, *The Concept of the Gene in Development and Evolution*, for the *Journal of the History of Biology*, 2001.

Review of David Smith’s, *The Measure of a Gene : A Modest Proposal on the Meaning of Life*, in *History and Philosophy of the Life Sciences*, v. 20, 1998.

(With Monique Bourque) Review of William Wallace’s, *The Modeling of Nature: Philosophy of Science and Philosophy of Nature in Synthesis*, *ISIS*, v.89, no.2, June 1998.

Review of Carl Cranor, ed. *Are Genes Us?* in *History and Philosophy of the Life Sciences*, v. 18 (1996).

Review of Maynard Smith and Szathmary's *The Major Transitions in Evolution*, *Journal of the History of Biology*, v.29, 1996.

Review of Schaffner's *Discovery and Explanation in Biology and Medicine*, *Journal of the History of Biology*, v. 28, no.1, Spring '95

### **Grants**

Center for Integrating Research on Genetics and Ethics  
2004-2009, P50, Co-PI NHGRI

Toward Consensus on Benefit Sharing in Genetics Research  
2002-2003, Co-PI NHGRI

Genetically Modified Foods: Values and Principles  
20001- 2002 PI DuPont, Dow, Monsanto

Genetically Modified Foods: Values and Principles  
2000-20002 Co-PI Rockefeller Foundation

Who Owns Life?  
1998-2000 PI Geraldine R. Dodge Foundation

Who Owns Life?

1998-2000 PI Scott Charitable Trust

Scientific, Ethical and Social Challenges of Contemporary Genetic Technology

1995-1996 PI NEH and NSF

The Human Genome Project: Technological Innovation and its moral consequences

1993-1994 PI GTE program on Technology and Ethics

Heuristics and Biases in Evolution

1992-1993 PI Harris Fellowship

The New Assisted Reproductive Technologies

1991-1992 co-PI GTE program on Technology and Ethics