

**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/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 Henry T. Greely		POSITION TITLE Deane F. and Kate Edelman Johnson Professor of Law; Professor, by courtesy, of Genetics, Stanford University	
eRA COMMONS USER NAME (credential, e.g., agency login)			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Stanford University, Palo Alto	AB	06/74	Political Science
Yale University, New Haven	JD	05/77	Law

This biosketch is current as of February 2011.

**NOTE: The Biographical Sketch may not exceed four pages. Follow the formats and instructions below.**

**A. Personal Statement**

I have worked on ethical, legal, and social issues in genetics since 1992. I have been writing and speaking about issues relating to incidental findings in research since 2001, particularly in my 2007 article in the Annual Review of Genomics and Human Genetics. My training and experiences as a lawyer – as a judicial clerk, in federal agencies, and as a civil litigator, provide special insight into the legal arguments, issues, and practical realities that concern incidental findings. I bring that special value to my role as a co-investigator in this proposed project.

**B. Positions and Honors**

- 1977-78 Law Clerk, Hon. John Minor Wisdom, U.S. Ct. App., Fifth Circuit
- 1978-79 Law Clerk, Hon. Potter Stewart, U.S. Supreme Court
- 1979 Special Assistant, Deanne C. Siemer, General Counsel, U.S. Dept Defense
- 1979-1981 Staff Assistant, Charles W. Duncan, Secretary of Energy, U.S. Dept Energy
- 1981-1985 Attorney, Tuttle & Taylor, Inc., Los Angeles (partner from July 1984)
- 1985-1992 Associate Professor, Stanford Law School
- 1992-present Professor, Stanford Law School
  
- California Advisory Committee on Human Stem Cell Research (chair) (2005 to present)
- Board of Directors, Executive Committee, Neuroethics Society (2006 to present) (1 of 4 founders)
- Kaiser Permanente Research Project on Genes, Environment, and Health;
  - Scientific Advisory Panel (2007 to present)
  - Bioethics Advisory Panel (2007 to present)
- U.S. Dept Veterans Affairs, DNA Banking Initiative (CSP #478)
  - Scientific Advisory Committee Member (1998-2007)
  - Ethics Advisory Committee Member (1998-2007)
- U. S. Dept. of Veterans Affairs, BEST Study, Ethics Advisory Committee, Member (1997 to 2007)
- Ethics Committee, American Society for Gene Therapy (2005-2008)
- Scientific Advisory Committee, Stem Cell Research Network (Canada)(2005-07)
- National Research Council, Committee on the Use of Third Party Toxicity Research with Human Research Participants, Member (2002-2004)
- State of California Advisory Committee on Human Cloning, Member (1998 to 2002)
- Human Genome Diversity Project

Program Director/Principal Investigator (Last, First, Middle):

Member, North American Regional Committee (Sept. 1993 to 2005)

Chair, Ethics Subcommittee of N. Am. Regional Comm. (Sept. 1993 to 2005)

Member, International Executive Committee (March 1997 to 2005)

WHO Expert Advisory Committee, Report on Human Cloning, Chair (September 1998)

Stanford University Center for Biomedical Ethics, Member, Steering Committee (1991-present; chair since fall 1995)

Stanford University Embryonic Stem Cell Research Oversight Committee (2005-present)

Stanford Center for Law and the Biosciences, Director (2003-present)

Stanford Program in Law, Science, and Technology, Co-Director (1998-1999), Director (1999-2001)

Stanford Program on Neuroethics, Director (2007-2009)

Stanford Program on Stem Cells in Society, Director (2005-07)

Ethics Advisory Board, Affymetrix, Member (1997 -2009)

Chair, Stanford University Faculty Senate (2002-2003)

Elected Fellow of the American Association for Advancement of Science (2006)

### **C. Selected Publications**

Most publications in academic are not peer reviewed as our primary journals, the law reviews, do not generally use peer review. I am listing 15 publications concerning human subjects research (almost all about genetics research) as the most relevant; 10 were peer-reviewed.

#### **Peer-Reviewed (out of about 40)**

1. Greely, H.T., *Legal, Ethical, and Social Issues in Human Genome Research*, ANNUAL REVIEW OF ANTHROPOLOGY 27:473-502 (Oct. 1998)
2. Greely, H.T., *Human Genomics Research: New Challenges for Research Ethics*, Perspectives in Biology and Medicine 44(2):221-229 (spring 2001)
3. Greely, H.T., *Informed Consent and Other Ethical Issues in Population Genetics*, ANN. REV. GEN. 35:785-800 (2001)
4. Lavori, P.W., et al., *Principles, Organization, and Operation of a DNA Bank for Clinical Trials: A Department of Veterans Affairs Cooperative Study*, Controlled Clin. Trials 22:222-239 (2002)
5. Greely, H.T., *The Uneasy Ethical and Legal Underpinnings of Large-Scale Genomic Biobanks*, ANN. REV. HUM. GENETICS & GENOMICS 8:343-364 (2007)
6. Cho, M.K., et al., *Strangers at the Benchside: Research Ethics Consultation*, Am. J. Bioeth. 8(3):4-13 (March 2008)
7. Karp, D.R., et al, *Ethical and Practical Problems Associated with Aggregating Databases*, Pub. Lib. Of Science:Med (Sept. 2008)
8. Cho, M.K., et al., *Research Ethics Consultation: The Stanford Experience*, IRB 30(6):1-6 (Nov.-Dec. 2008)
9. Greely, H.T., *Collecting Biomeasures in the PSID: Ethical and Legal Concerns*, Biodemography and Social Biology 55(2):270-288 (2009)
10. Ormond, K.E., et al., *Challenges in the Clinical Application of Whole-Genome Sequencing*, The Lancet 375:1749-51 (May 2010)

#### **Not Peer-Reviewed (out of about 70)**

11. North American Regional Committee, Human Genome Diversity Project, *Proposed Model Ethical Protocol for Collecting DNA Samples*, HOUS. L. REV. 33:1431-1473 (1997) (principal author)
12. Greely, H.T., *The Control of Genetic Research: Involving the Groups Between*, HOUS. L. REV. 33:1397-1430 (1997)

Program Director/Principal Investigator (Last, First, Middle):

13. Greely, H.T., *Informed Consent, Stored Tissue Samples, and the Human Genome Diversity Project: Protecting the Rights of Research Participants*, in *Ethical Issues in Stored Tissue Samples* 89-110 (ed. R. Weir, Univ. Iowa press 1998)
14. Greely, H.T., *Breaking the Stalemate: A Prospective Regulatory Framework for Unforeseen Research Uses of Human Tissue Samples and Health Information*, 34 WAKE FOREST L. REV. 737-766 (fall 1999)
15. Greely, H.T., *From Nuremberg to the Human Genome: The Rights of Human Research Participants*, in *Medicine After the Holocaust: from the Master Race to the Human Genome and Beyond* 185-200 (ed. Sheldon Rubenfeld, Palgrave, New York, 2010)

### **Research Support**

Law faculty typically do not seek grant funding and hence do not usually have well-defined and discrete research "projects". My work over the last three years has fallen into five main and somewhat overlapping categories: neuroethics, human genetics, research ethics, stem cell research (including human/non-human chimeras), and human biological enhancement.

I am a participant in two on-going research projects:

Stanford's CEER grant from the NHGRI to support the Center for Integration of Research in Genetics and Ethics (Mildred Cho, director). This grant supports a wide variety of research and conference activities concerning ethical, legal, and social issues in human genomics. I am involved in the research projects and the conference planning for this grant.

Sandra Lee's RO1 on social media and genetic information. I am co-investigator on this grant.

I was one of 6 co-directors on a grant from the MacArthur Foundation for a Program in Law and Neuroscience, involving \$10 million from 2007-2010. That grant concluded in June 2010.

I was the principal investigator on a specific subgrant under that grant to do research on the use of neuroimaging evidence by criminal defendants in California trials. That grant concluded in December 2010.