

Human Genome Project and Genetics on the World Wide Web

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The World Wide Web offers the easiest path to information about the Human Genome Project and related genetics topics. Some useful sites to visit are included in the list below.

Human Genome Project

DOE Human Genome Program

http://www.er.doe.gov/production/ober/hug_top.html

Devoted to the DOE component of the U.S. Human Genome Project and to the DOE Microbial Genome Program. Links to many other sites.

Human Genome Project Information

<http://www.ornl.gov/hgmis>

Comprehensive site covering topics related to the U.S. and worldwide Human Genome Projects. Useful for updating scientists and providing educational material for nonscientists, in support of DOE's commitment to public education. Developed and maintained for DOE by the Human Genome Management Information System (HGMIS) at Oak Ridge National Laboratory.

NIH National Human Genome Research Institute

<http://www.nhgri.nih.gov>

Site of the NIH sector of the U.S. Human Genome Project.

DOE Human Genome Program Publications

*Human Genome News

<http://www.ornl.gov/hgmis/publicat/publications.html>

Quarterly newsletter reporting on the worldwide Human Genome Project.

Biological Sciences Curriculum Study (BSCS) Teaching Modules

Online versions in preparation; hardcopies available from 719/531-5550

- "Genes, Environment, and Human Behavior," tentative title, in preparation
- "Mapping and Sequencing the Human Genome: Science, Ethics, and Public Policy" (1992)
- "The Human Genome Project: Biology, Computers, and Privacy" (1996)

*Print copy available from HGMIS (see p. 87 or inside front cover for contact information).

- "The Puzzle of Inheritance: Genetics and the Methods of Science" (1997)

*Primer on Molecular Genetics, 1992

<http://www.ornl.gov/hgmis/publicat/publications.html#primer>

Explains the science behind the genome research.

*To Know Ourselves, 1996

<http://www.ornl.gov/hgmis/tko>

Booklet reviewing DOE's role, history, and achievements in the Human Genome Project and introducing the science and other aspects of the project.

Ethical, Legal, and Social Issues Related to Genetics Research

HGMIS Gateways Web page

<http://www.ornl.gov/hgmis/links.html>

Choose "Ethical, Legal, and Social Issues."

Center for Bioethics, University of Pennsylvania

<http://www.med.upenn.edu/~bioethic>

Full-text articles about such ethical issues as human cloning; includes a primer on bioethics.

Courts and Science On-Line Magazine (CASOLM)

<http://www.ornl.gov/courts>

Coverage of genetic issues affecting the courts.

ELSI in Science

<http://www.lbl.gov/Education/ELSI/ELSI.html>

Teaching modules designed to stimulate discussion on implications of scientific research.

Eubios Ethics Institute

<http://www.biol.tsukuba.ac.jp/~macerl/index.html>

Site includes newsletter summarizing literature in bioethics and biotechnology.

Genetic Privacy Act

<http://www.ornl.gov/hgmis/resource/elsi.html>

Model legislation written with support of the DOE Human Genome Program.

MCET—The Human Genome Project

<http://phoenix.mcet.edu/humangenome/index.html>

ELSI issues for high school students.