

## Human Genome Distinguished Postdoctoral Fellows

HGMIS site has received a Four-Star designation from the Magellan Group and the Editor's Choice Award from LookSmart.

Genome-project and related meetings are listed at a Web site (see box, p. 63), through which users can register and submit research abstracts. Another listed related site discusses issues at the critical intersection of genetics and the court system. This Web page is part of a project to educate and prepare the judiciary for the coming onslaught of cases involving genetic issues and data.

**Newsgroup.** The Human Genome Program Newsgroup operates through the BIOSCI electronic bulletin board network to allow researchers worldwide to communicate, share ideas, and find solutions to problems. Genome-related information is distributed through the newsgroup, including requests for grant applications, reports from recent scientific and advisory meetings, announcements of future events, and listings of free software and services (*genome-pr@net.bio.net* or <http://www.bio.net>).

### Postdoctoral Fellowships

OBER established the Human Genome Distinguished Postdoctoral Research Program in 1990 to support research on projects related to the DOE Human Genome Program. Beginning in FY 1996, the Human Genome Distinguished Postdoctoral Fellowships were merged with the Alexander Hollaender Distinguished Postdoctoral Fellowships, which provide support in all areas of OBER-sponsored research. Postdoctoral programs are administered by the Oak Ridge Institute for Science and Education, a university consortium and DOE contractor. For additional information, contact Linda Holmes (423/576-3192, [holmesl@ornl.gov](mailto:holmesl@ornl.gov)) or see the Web site (<http://www.ornl.gov/ober/hollaend.htm>).

Names of past and current fellows in genome topics are given below with their research institutions and titles of proposed research. For 1996 research abstracts, refer to Index of Principal and Coinvestigators on p. 71 in Part 2 of this report.

- 1994** **Mark Graves** (Baylor College of Medicine): Graph Data Models for Genome Mapping
- William Hawe** (Duke University): Synthesis of Peptide Nucleic Acids for DNA Sequencing by Hybridization
- Jingyue Ju** (University of California, Berkeley): Design, Synthesis, and Use of Oligonucleotide Primers Labeled with Energy Transfer-Coupled Dyes
- Mark Shannon** (Oak Ridge National Laboratory): Comparative Study of a Conserved Zinc Finger Gene Region
- 1995** **Evan Eichler** (Lawrence Livermore National Laboratory): Identification, Organization, and Characterization of Zinc Finger Genes in a 2-Mb Cluster on 19p12
- Kelly Ann Frazer** (Lawrence Berkeley National Laboratory): In Vivo Complementation of the Murine Mutations Grizzled, Mocha, and Jitteri
- Soo-in Hwang** (Lawrence Berkeley National Laboratory): Positional Cloning of Oncogenes on 20q13.2
- James Labrenz** (University of Washington, Seattle): Error Analysis of Principal Sequencing Data and Its Role in Process Optimization for Genome-Scale Sequencing Projects
- Marie Ruiz-Martinez** (Northeastern University): Multiplex Purification Schemes for DNA Sequencing-Reaction Products: Application to Gel-Filled Capillary Electrophoresis
- Todd Smith** (University of Washington, Seattle): Managing the Flow of Large-Scale DNA Sequence Information

## Alexander Hollaender Distinguished Postdoctoral Fellows in Genome Research

- 1996** **Cymbeline Culliat** (Oak Ridge National Laboratory): Cloning of a Mouse Gene Causing Severe Deafness and Balance Defects
- Tau-Mu Yi** (Laboratory of Structural Biology and Molecular Medicine, Los Angeles): Structure-Function Analysis of Alpha-Factor Receptor
- 1997** **Jeffrey Koshi** (Los Alamos National Laboratory): Construction, Analysis, and Use of Optimal DNA Mutation Matrices
- Sandra McCutchen-Maloney** (Lawrence Livermore National Laboratory): Structure and Function of a Damage-Specific Endonuclease Complex