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# Announcements<sup>1</sup>

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## EMPLOYMENT AND FELLOWSHIP OPPORTUNITIES

*Director of Statewide Clinical Cytogenetics Laboratory.*—Immediate opening for an experienced ABMG-certified or -eligible cytogeneticist to direct an established cytogenetics laboratory with a case load of approximately 750 specimens yearly. The cytogenetics laboratory is a division in the Department of Medical Genetics/Montana Medical Genetics Program located in Helena, MT. The laboratory is the sole provider of comprehensive cytogenetic services in the state of Montana, serving a population of approximately 800,000 people. The laboratory is currently staffed by three NCA-certified cytogenetic technologists with 26 years of experience among them. The Department of Medical Genetics is staffed by three physicians and two genetic counselors and is affiliated with exceptional library resources including on-line retrieval of computerized data-base information. For more information, please contact Mr. Lee Conwell, Personnel Director, Shodair Children's Hospital, P.O. Box 5539, Helena, MT 59601; phone (406) 444-7500.

*Postdoctoral Position(s).*—Postdoctoral positions are

1. This service is offered free of charge to members of The American Society of Human Genetics. To place an announcement, write to The American Journal of Human Genetics, Department of Pediatrics, U-587, University of California, San Francisco, CA 94143-0748. Submission must be made at least *four months* before month of issue in which publication is requested and must be typed double-spaced on a separate sheet of paper. Maximum length is *100 words*, not including address for correspondence.

available immediately for work on projects relevant to understanding of the structure of human chromosome 21. Work will include construction of a complete physical map of chromosome 21 and isolation and characterization of genes located on this chromosome, including those genes possibly relevant to Down syndrome, Alzheimer disease, and other human diseases associated with abnormalities of chromosome 21. Techniques include somatic cell genetics, molecular biology, biochemical analysis of metabolic pathways, transgenic mouse studies, and molecular cytogenetic procedures such as fluorescence in situ hybridization. Send curriculum vitae, brief statement of interests, and names of three references to David Patterson, Ph.D., President, Eleanor Roosevelt Institute for Cancer Research, 1899 Gaylord Street, Denver, CO 80206. An Affirmative Action/Equal Opportunity Employer.

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## CONFERENCE AND MEETING

*The American Cytogenetics Conference* (formerly, *The Somatic Cell Genetics Conference*).—The annual meeting will be held at Granlibakken Resort in Lake Tahoe on February 20–24, 1991. Please attend the planning meeting at the ASHG on Friday, October 19, 1990, at 7:30 A.M. or contact LaDonna Immken, M.D., Prenatal Diagnostics, Inc., 1580 West El Camino Real, Suite 2, Mountain View, CA 94040.

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*Genetic Analysis Workshop 7 (GAW7).*—To be held Oc-

tober 14–16, 1990, at the Bergamo Conference Center, Dayton, OH (65 miles north of Cincinnati). GAW7 will be devoted to two topics: (1) resolution of physical and genetic maps and (2) analysis of quantitative precursors of complex diseases, to identify disease susceptibility genes. The meeting is open to persons who have analyzed GAW7 data sets or who contribute to rele-

vant theoretical or methodological paper. For information, contact Jean W. MacCluer, Southwest Foundation for Biomedical Research, P.O. Box 28147, 7620 N.W. Loop 410, San Antonio, TX 78228; phone (512) 674-1410; FAX (512) 674-2126; Telex 650-241-8669; Bitnet MACCLUER@UTHSCSA.

## Information for Contributors

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*The American Journal of Human Genetics* is a record of research and review relating to heredity in humans; to the applications of genetic principles in medicine, psychology, anthropology, and social services; and to areas of molecular and cell biology relevant to human genetics. It appears 12 times a year. The *Journal* is owned and controlled by The American Society of Human Genetics and is edited, in conjunction with the publisher, by a staff appointed by the board of directors of the society.

### Editorial Policy

Papers will be considered for publication on condition that they are submitted solely to the *Journal*. Each contribution will be read by two or more referees before a decision is made as to whether the paper is to be accepted. Authors are requested to suggest referees. Membership in The American Society of Human Genetics is not a prerequisite for publication in the *Journal*. Manuscripts will be judged solely on the basis of their content of original data and/or interpretation. Although no limit is set on the number of pages that a paper may contain, authors will be charged \$20.00 per printed page. In circumstances in which the authors are unable to pay these charges, payment may be waived by the editor. (In general, three double-spaced, typed manuscript pages equal approximately one printed page.) Authors whose manuscripts have been accepted for publication in the *Journal* will be requested to sign an agreement transferring copyright to The American Society of Human Genetics. Material published in the *Journal* may not be reproduced or published elsewhere without written consent of the copyright owner.

It is assumed that authors whose research is published in the *Journal* will make cell lines, antibodies, cloned DNA sequences, and similar materials available to other investigators so as to permit the reported research to be reproduced.

The Human Genetics Education section of the *Journal* serves as an international medium for the exchange of ideas in human genetics education. The *Journal* welcomes the submission of manuscripts concerned with any aspect of education in human genetics at the undergraduate and postgraduate levels, and for service providers of genetic health care. These include articles on research in human genetics education, innovations for its improvement, development and review of educational resources, conceptual frameworks for topic and course development, educationally useful historical perspectives, letters to the editor, and activities of The American Society of Human Genetics relative to education. Address all manuscripts and correspondence to the Editor of the Human Genetics Education Section, Carl A. Huether, Ph.D., Department of Biology, University of Cincinnati, Cincinnati, OH 45221-0006.

### Manuscript Submission

Original articles, review articles of approximately 3,000 words or less, and minireviews of 1,500 words or less on timely subjects concerning all aspects of human genetics and related areas will be considered for publication. We have adopted a policy of limiting descriptions of single mutations to no more than six manuscript pages (including references, tables, and figures) unless the mutation is of highly unusual significance. In addition, brief commentaries on previously published material, editorials, and book reviews will also be included in the *Journal*. Send three copies (including three

sets of original figures, tables, and references) to the editor, enclosing the manuscript copies and figures in cardboard, if necessary, to prevent bending of photographs during postal handling.

**MANUSCRIPTS WHICH DO NOT FULLY CONFORM TO *JOURNAL* STYLE WILL BE RETURNED TO THE AUTHORS.**

Manuscripts should be accompanied by a letter from the author who will be responsible for correspondence regarding the manuscript. This author will also be responsible for communicating with other authors regarding revisions and final approval of proofs. The letter should contain helpful information such as the type of article that manuscript will represent in the *Journal*, suggested referees, and information on prior or concurrent submissions to other publications. Authors should also include their telephone number(s), telefax number, and direct mailing address in the covering letter.

**Manuscript Preparation**

All manuscripts must be written in English, and all manuscript components (including references, tables, and figure legends) typed double spaced, preferably on heavyweight bond. The page margins should be 1½ inches on top, bottom, and left- and right-hand sides to allow for corrections and manuscript editor's and typesetter's instructions and queries. Word-processing output is acceptable as long as it is letter quality. Handwritten items (e.g, Greek letters) should be identified in the margin. Each manuscript component should begin on a separate page, but pages should be numbered consecutively, beginning with the title page and continuing through the summary (abstract), text, references, tables, and figure legends.

*Title page.*—The title page should contain a concise title, the names and current affiliations of all authors, and the name and complete mailing address of the contact author. A running head of no more than 40 characters (including spaces) should be identified on the title page.

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*Text.*—The text should be as concise as possible and include the following sections: Introduction, Material and Methods, Results, Discussion, and Acknowledgments. Long articles, case studies, and editorials may require subheadings within some sections or different formats to clarify their content.

The Introduction should summarize the rationale for the study without reviewing the subject extensively. Clearly describe (using past tense) your selection of observational or experimental subjects and identify the methods, apparatus, and procedures in detail. Provide references for established methods with brief descriptions for published but not well-known methods; describe new or modified methods, giving reasons for their use and evaluating their limitations.

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Mathematical equations must be carefully typed with spacing in final format. Measurements of length, height, weight, and volume should appear in metric units or other internationally accepted units.

Authors should use the following standard abbreviations (for others, generally follow the *CBE Style Manual*):

AMP = adenosine monophosphate  
ATP = adenosine triphosphate  
BSA = bovine serum albumin  
BrdUrd = 5-bromodeoxyuridine  
df = degree(s) of freedom  
DEAE = diethylaminoethyl

NAD (NADP) = nicotinamide adenine dinucleotide  
phosphate  
PBS = phosphate-buffered saline  
PAGE = polyacrylamide-gel electrophoresis  
PIC = polymorphic information content  
RFLP = restriction-fragment-length polymorphism

## Information for Contributors

DTT = dithiothreitol	rRNA = ribosomal RNA
DZ = dizygotic	SSC = saline sodium citrate
EDTA = ethylenediaminetetraacetate	SDS = sodium dodecyl sulfate
FCS = fetal calf serum	SD = standard deviation
FSH = follicle-stimulating hormone	SEM = standard error of the mean
mRNA = messenger RNA	TSH = thyroid-stimulating hormone
mtDNA = mitochondrial DNA	tRNA = transfer RNA
MZ = monozygotic	UV = ultraviolet
NAD (NADH) = nicotinamide adenine dinucleotide	

*Acknowledgments.*—Acknowledge those who have made substantive contributions to the study as well as the institution(s) or grant sponsor(s) that supported the research. Authors are advised to obtain permission from those acknowledged by name, since the readers may infer endorsement of the data and conclusion. Grants and/or institutions supporting research presented in the article should be mentioned in this section.

*References.*—Reference citations in the text should be in parentheses and include author name(s) and year of publication. Text citations of two or more works at the time should be given in chronological order. When citing a paper written by three or more authors, write the name of the first author plus “et al” (however, *all* authors must be given in the Reference section). The Reference section appears after the acknowledgments and should be arranged alphabetically by author name(s) and then chronologically.

Following are examples of the proper reference style for various sources:

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Chapter:	Goldstein JL, Brown MS (1983) Familial hypercholesterolemia. In: Stanbury JB, Wyngaarden JB, Fredrickson DS, Goldstein JL, Brown MS (eds) <i>The metabolic basis of inherited disease</i> , 5th ed. McGraw-Hill, New York, pp 672–712
Entire Volume:	Dayhoff MV (ed) (1978) <i>Atlas of protein sequence and structure</i> . Vol 5, suppl 3. National Biomedical Research Foundation, Washington, DC
Meeting Paper:	Novacek MJ, Wyss AR (1985) Morphology, molecules, and eutherian phylogeny: the search for congruence. Paper presented at the Fourth International Theriological Congress, Edmonton, Alberta, August 13–20
Report:	Hasstedt SJ, Cartwright PE (1981) PAP: pedigree analysis package. Tech rep no 13, Department of Biophysics and Computing, University of Utah, Salt Lake City
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Work “in press”:	King CE. Age-specific selection. II. The interaction of growth factors. <i>J Exp Biol</i> (in press)
Work “submitted” (i.e., not yet accepted):	Feuchter A, Mager D. Human repetitive LTR-like sequences can promote and enhance heterologous gene expression (submitted).

When there are more than seven authors, “et al” should follow the names of the first seven authors.

*Tables.*—Type each table double-spaced on separate sheets of paper. Exceptionally large tables and pedigree diagrams should be constructed in sections whenever possible to avoid the need for folded inserts. Number tables consecutively and give each a brief title. Give each column a short heading. Footnotes should be used to explain all nonstandard abbreviations

that are used in each table and should be denoted by letter. Further guidelines for table format may be found in the *CBE Style Manual* and *The Chicago Manual of Style*.

*Illustrations.*—Three sets of original illustrations (not photocopies) should be provided for each manuscript. All illustrations should be professionally drawn and camera ready, with uniform letters no less than 1 mm tall *after* figures have been reduced to fit the page size. Photos should be high-contrast original prints to ensure clear reproduction, and whenever possible the original origin camera print (not a photo of the photo) should be supplied with labels and symbols added on a separate overlay. Magnifications may be indicated either by a micron bar or in the legend.

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Authors should carefully follow these instructions as well as the guidelines for preparing the manuscripts to minimize delays in publication and to keep the *Journal* as current as possible (it is especially important that *all* sections of submitted manuscripts—including titles and legends for tables and figures—be typed double spaced); *failure to follow these instructions will result in return of the manuscript to its author(s)*. Address all manuscripts and correspondence to the editor, Charles J. Epstein, M.D., Department of Pediatrics, U-587, University of California, San Francisco, CA 94143-0748.

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