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## Subject Coverage

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Bioinformatics/Genomics  
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Chromatography  
Computational Biology  
DNA Delivery/Gene Transfer  
Electrophoresis  
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Imaging/Microscopy  
Immunology  
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Molecular Biology  
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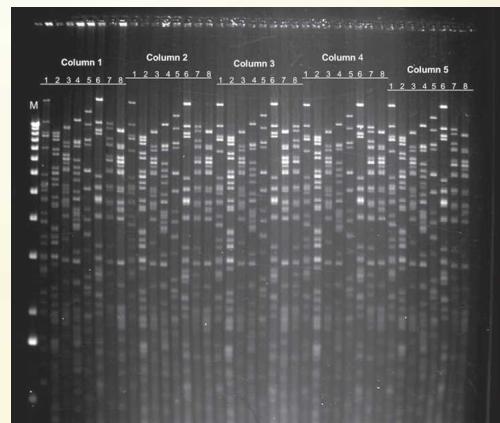
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<b>Yeast Competent Cells Included</b>	✓	
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<b>Antibiotic-free Selection</b>	✓	
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## Berkeley



University of California

### FACULTY POSITION IN COMPUTATIONAL BIOLOGY #1061S

The University of California, Berkeley invites applications for a position in the area of Computational Biology at the assistant (tenure track), associate or full professor level starting July 1, 2007. The University has committed to establishing Berkeley as a premier institution for education, training and research in Computational Biology, with extensive research activities, full integration between multiple UC campuses through QB3, and relevant programs at the Lawrence Berkeley National Laboratory (LBNL) and the Joint Genome Institute (JGI). This position is associated with the Center for Computational Biology, which includes computational scientists across the full spectrum of the mathematical, physical, engineering and biological sciences, creating an exceptional environment for both research and education in this rapidly growing field. The focus of this position is on the mathematical sciences, and the holder of the position will have a primary appointment in an academic department appropriate to his or her interests.

Applicants should have a research focus in the broad area of Computational Biology and hold (or be about to receive) a doctoral degree or equivalent in a quantitative field. The scope of the position includes all areas where mathematical, statistical and computational methods are used to solve problems in biology. Specialized areas may include, but are not limited to:

- Statistical methodology, mathematical modeling, algorithms, computing and databases
- Biological inference from heterogeneous data sources such as nucleotide and protein sequences, protein structure, microarray data and polymorphisms
- Population genetics and evolutionary modeling

We seek individuals with demonstrated excellence in research, and the potential for excellence in teaching and leadership. Successful applicants will be expected to establish a pre-eminent research and educational program, and develop and teach courses in appropriate areas of the computational sciences.

Applicants should send a curriculum vitae, a selection of publication reprints (five or less), and a brief statement of research plans and teaching interests, highly preferred to be sent electronically, in pdf format, to the email address below. The applicant should also arrange for three letters of reference to arrive by December 15, 2006, to the same email address below. Please refer potential reviewers to the UC Berkeley Statement of Confidentiality found at: <http://apo.chance.berkeley.edu/evalltr.html>.

**CBI\_Recruitment@berkeley.edu** (electronic/pdf submissions highly preferred)

-or-

Professor Michael Jordan, Committee Chair  
Center for Computational Biology, #1061S  
University of California, Berkeley  
227 Hildebrand Hall, Berkeley, CA 94720-3220

All applications must be complete by **December 15, 2006** for consideration in this year's recruitment cycle.

**McGILL UNIVERSITY**  
**School of Computer Science**  
**Assistant Professor**

The School of Computer Science at McGill University wishes to invite applications for a tenure-track position at the assistant professor level, to begin July 1, 2007. Applications for more senior positions are also welcome. We are searching for a computational biologist who is interested in one of the following areas: algorithms in bioinformatics, machine learning/statistical inference in bioinformatics, dynamical models in bioinformatics, and bioinformatics database and system design.

Bioinformatics at McGill University has greatly expanded over the past six years and candidates would benefit from the world class medical school and biomedical research programs. The McGill Centre for Bioinformatics is comprised of approximately 16 members who are involved in large scale projects that include (but are not limited to) areas such as genomics, epigenomics, functional genomics, proteomics, structural biology, chemi-informatics, clinical informatics, modelling in physiology, and evolution.

The review of applications will begin on January 9, 2007, and applications should be submitted by that date; however, applications will continue to be accepted until March 1, 2007, or until the position is filled.

McGill is the top-rated research university in Canada. It is located in the heart of vibrant, multicultural Montreal. For further information about our department, see: <http://www.cs.mcgill.ca>, and for information on the McGill Centre for Bioinformatics, see: <http://www.mcb.mcgill.ca>.

Complete hardcopy or pdf format applications, including a curriculum vitae, a list of publications with copies of one or two sample reprints, a research statement as well as a teaching statement, and the names and e-mail addresses of three references should be sent to [biosearch@cs.mcgill.ca](mailto:biosearch@cs.mcgill.ca), or mailed to the address below:

**Bioinformatics Search Committee**  
**School of Computer Science**  
**3480 University Street, Room 318**  
**Montreal, QC H3A 2A7, Canada**

We encourage all qualified candidates to apply; however, Canadians and permanent residents of Canada will be given priority. McGill University is committed to equity in employment.



**UCSD Center for Human Genetics and Genomics**

The Moores UCSD Cancer Center (<http://www.cancer.ucsd.edu>) and the UCSD Center for Human Genetics and Genomics (<http://chgg.ucsd.edu>) invites applications for two positions at the Assistant to Associate Professor level in Quantitative, Computational, or Statistical Biology. The appointments will be joint between either the Division of Biological Sciences or the School of Engineering and the School of Medicine and will involve teaching at both the graduate and undergraduate levels. The ideal candidates will possess a doctoral degree and be well trained in both biological and computing sciences with a track record of peer-reviewed dry lab research with related publications that are relevant to clinical investigations. It is expected that the successful candidates participate in a medical bioinformatics team that will be located in the new 270,000 sq. ft. research and clinical building associated with the UCSD Moores Cancer Center. Applicants with research areas in analysis of genomics and proteomics data, including the statistical mining of high-throughput molecular data, evolutionary analyses, and modeling of pathways leading to onset and progression of cancer and development, will be given strong consideration, although other research areas of interest are clinical informatics, artificial intelligence, and machine learning, particularly if related to software architectures for scalable systems that can operate effectively in complex clinical and biological situations. Examples include building decision-support programs that assist physicians in caring for patients in accordance with predefined treatment or clinical trial protocols and multivariate analyses of complex biological processes.

More information on the Moores UCSD Cancer Center, an NCI designated comprehensive cancer center, may be found at <http://cancer.ucsd.edu>. More information on the UCSD Center for Human Genetics and Genomics can be found at <http://chgg.ucsd.edu>.

Applicants should e-mail their curriculum vitae and names and addresses of three references by December 23, 2006 to [schorklab@ucsd.edu](mailto:schorklab@ucsd.edu) or mail to:

**Nicholas J. Schork, PhD**  
**Chair, Search Committee**  
**Moores UCSD Cancer Center**  
**University of California, San Diego**  
**9500 Gilman Drive, 0603**  
**La Jolla CA 92093-0603**





# GORDON RESEARCH CONFERENCES

GRC is holding over 180 meetings in 2007. A few upcoming meetings that may be of particular relevance to *Genome Research* readers are listed below.

## AGRICULTURAL SCIENCE

March 11-16, 2007

Four Points Sheraton: Harbortown  
Ventura, CA

Chairs: Ken Feldmann & Wilhelm Gruissem

## TEMPERATURE STRESS IN PLANTS

January 21-26, 2007

Four Points Sheraton: Harbortown  
Ventura, CA

Chairs: Elizabeth Vierling & Kazuko Yamaguchi-Shinozaki

## STRUCTURAL, FUNCTIONAL & EVOLUTIONARY GENOMICS

July 29-Aug 3, 2007

Wellcome Trust Conference Centre  
Hinxton, U.K.  
Chair: Eugene Koonin

## HUMAN GENETICS & GENOMICS

July 22-27, 2007

Salve Regina University  
Newport, RI  
Chair: James Lupski

## EVOLUTIONARY & ECOLOGICAL FUNCTIONAL GENOMICS

July 8-13, 2007

Salve Regina University  
Newport, RI  
Chair: Greg Wray

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## ***Genome Research* seeks an Assistant Editor**

***Genome Research*** is an international, continuously published, peer-reviewed journal that focuses on research that provides novel insights into the genome biology of all organisms, including advances in genomic medicine. The journal was launched in August 1995 by Cold Spring Harbor Laboratory (CSHL) Press and is currently ranked fourth among all primary research genetics publications, second in biotechnology, and in the top ten of all biochemistry and molecular biology publications.

Cold Spring Harbor Laboratory Press seeks a scientist interested in making a career in the communication of science to fill the position of Assistant Editor at *Genome Research*.

The applicant must have, or be about to receive, a Ph.D. in the biological sciences, preferably with experience in genetics and genomic science. The successful candidate will assist the Executive Editor of the journal in manuscript selection and negotiation with authors, peer reviewers, and Editorial Board members; commissioning reviews and features; representing the journal at conferences; and identifying emerging trends. Strong communication and organizational skills, creativity, ability to meet deadlines, and the capacity to handle many projects at once are significant requirements. Broad interests in science and experience in the communication of science would be helpful. We seek a team player with energy, enthusiasm, and excellent interpersonal skills who is comfortable interacting with scientists at all levels.

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