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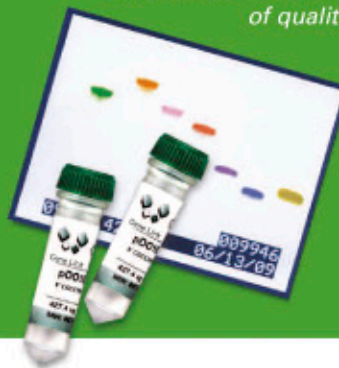
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## Computational Biology and Information Science Cluster

The University of Massachusetts Dartmouth is seeking to fill multiple tenured or tenure track faculty positions in the areas of computational biology and data science to start in 2013. The appointments will be at the rank of Assistant, Associate, or full Professor and will reside in the departments of biology or computer and information science as appropriate. Applicants with expertise in computational biology, informatics or data science are encouraged to apply. Research interests that are innovative, interdisciplinary and extend a growing faculty cluster in computational science and engineering are preferred.

We are particularly looking for candidates with interests and experience in any aspect of the following two areas:

- Computational biology, including but not limited to, work in bioinformatics, systems biology, ecological/evolutionary modeling, biological network analysis, bioimaging, medical image processing, analysis and visualization. Applicants with biology backgrounds are sought who integrate computational and empirical research.
- Data science, including but not limited to, work in data mining/discovery, large data set processing/visualization, biological data analysis, human-centric computing, graphics/imaging, and multimedia systems.

Successful applicants will be expected to work as a team to build on our existing strengths in computational science and experimental biology and to further our collaborations with the UMass Medical School at Worcester.

The University of Massachusetts Dartmouth has a rapidly growing research program with research expenditures that exceed \$25M per year. We are part of the Massachusetts Green High Performance Computing Coalition, which will give our researchers access to a new high performance computing cluster that is opening in Fall 2012. We are seeking faculty who demonstrate excellence and enthusiasm for teaching and research, both of which are valued on our campus and in the tenure and promotion process. Successful applicants will be expected to develop and maintain externally funded research programs that involve and support undergraduate and graduate students (MS and PhD).

The campus is located on the South Coast of Massachusetts between Cape Cod and Rhode Island in a region well known for its beautiful beaches and scenic harbors. About an hour South of Boston and 45 minutes from Providence, the South Coast provides opportunities for rural or urban living with access to major metropolitan areas and pristine natural beauty.

**Minimum qualifications:** Doctoral degree in biology, computer science, or a related field at the time of appointment. All applicants must have a strong record of archival publication and demonstrated potential to establish an externally funded research program. Applicants for the rank of Associate Professor or Professor must have a strong record of securing competitive grant funding.

To apply, please send a letter of interest, a one page statement of your research vision and plan, a one page statement of teaching interests, a current cv, and the contact information for three professional references to: [casclusterssearch@umassd.edu](mailto:casclusterssearch@umassd.edu). The review of applications will begin on September 15, 2012 and continue until the positions are filled.

The University of Massachusetts Dartmouth reserves the right to conduct background checks on all potential employees.

*The University of Massachusetts Dartmouth is an EEO/AA employer.*

## Center for Personal Cancer Genomics and Therapeutics Faculty Search Texas Children's Cancer Center - Baylor College of Medicine

We are seeking full time research faculty at all academic levels for the newly formed **Center for Personal Cancer Genomics and Therapeutics** designed to exploit the latest in genome-scale technology to better understand childhood cancer and identify novel targets to improve therapy and outcomes. The Texas Children's Cancer Center is the largest children's cancer center in the US, with over \$21 million annually in federal funding. Candidates with research programs that foster development of new bioinformatics tools, innovative mouse models of cancer or use of model organisms and tissue culture models to carry out functional analyses of large-scale datasets, are encouraged to apply. Previous research experience, including a relevant publication record and history of successful peer-reviewed grant funding, are important. Salary and start-up package will be commensurate with qualifications and prior experience. Interested candidates should submit curriculum vitae, a summary of past work, a brief research plan, and the names of at least three references. Applications will be accepted until the positions are filled and should be submitted to Sharon Plon, MD, PhD by email at [splon@bcm.edu](mailto:splon@bcm.edu).

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## Employment Opportunities

[www.albany.edu/rna/employment.shtml](http://www.albany.edu/rna/employment.shtml)

**TWO TENURE TRACK ASSISTANT PROFESSOR POSITIONS** with research interests in RNA science, biomedical applications and/or technology development

- Bioinformaticist/Computational Chemist
- Crystallography

### THREE RESEARCH STAFF POSITIONS

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- Bioinformaticist/Computational Research Associate
- Two Biochemistry/Cell & Molecular Biology Research Associates

### EIGHT POSTDOCTORAL POSITIONS

- FOUR positions in biochemistry, cell and molecular biology within various research projects, including RNA imaging, and collaborations, including Public-Private Partnerships) in the newly constructed RNA Institute
- FOUR positions in cell biology, virology, and chemistry with new or existing faculty



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# The Future of Genomic Medicine VI

Thursday, March 7, and Friday, March 8, 2013 • Scripps Seaside Forum • La Jolla, California

*Presented in partnership with the AAAS/Science Translational Medicine*

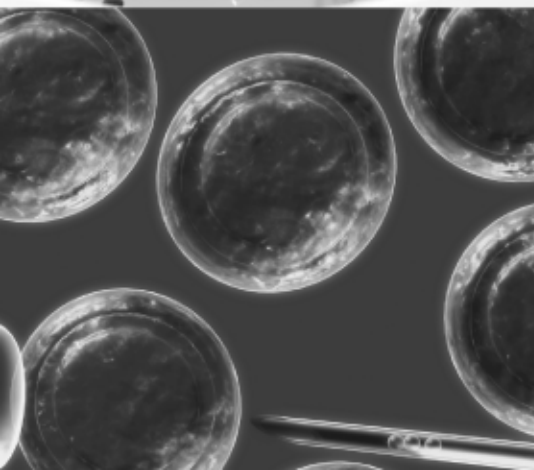
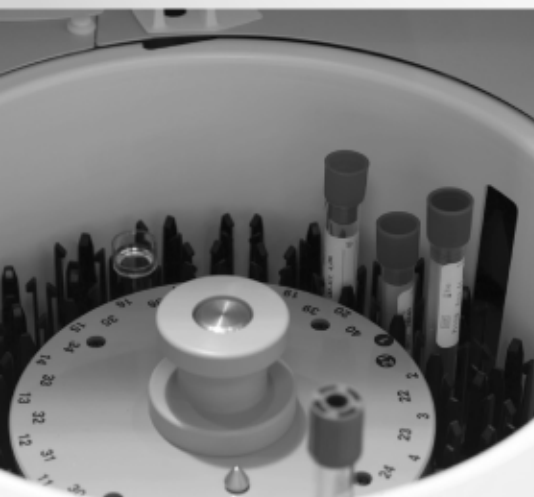
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# Announcing Keystone Symposia's 2013 Genome Research Meetings

## Nutrition, Epigenetics and Human Disease

February 19–24, 2013 • Hilton Santa Fe/Historic Plaza • Santa Fe, New Mexico • USA

Scientific Organizers: Robert A. Waterland, David S. Rosenblatt and Patrick J. Stover

### Keynote Speaker:

Ezra S. Susser, Columbia University

### Session Topics:

*Nutrition and Epigenetics in Development and Disease of the CNS • Nutrient Regulation of the Epigenetic Machinery • Nutrition and Epigenetics in Obesity • Nutrient, Methyl Metabolism and Epigenetic Interactions • Nutrition and Developmental Epigenetics in the Endocrine Pancreas • Nutrients and Allelic Targeting of Epigenetic Signatures • Nutritional Modulation of Stem Cell Programming • Present and Future: Pressing Issues in Environmental Epigenetics*

**Abstract & Scholarship Deadline:** October 17, 2012 / **Early Registration Deadline:** December 17, 2012

[www.keystonesymposia.org/13B5](http://www.keystonesymposia.org/13B5)

## Genomic Instability and DNA Repair

*joint with* DNA Replication, Recombination and DNA Repair

March 3–8, 2013 • Fairmont Banff Springs • Banff, Alberta • Canada

Scientific Organizers: Stephen P. Jackson, Alan D. D'Andrea and Susan M. Gasser

### Keynote Speakers:

Frederick W. Alt, HHMI/Children's Hospital Boston and Immune Disease Institute

Kenneth J. Marians, Memorial Sloan-Kettering Cancer Center

### Session Topics:

*Mechanisms and Control of DNA Repair/Mechanisms of Homologous Recombination • Chromosomal Stability, Instability and Nuclear Architecture • Controlling DNA Damage Responses by Ubiquitylation and Sumoylation • Replication, Chromatin and Genome Instability • Genome Instability, Telomeres, Disease and Aging • DNA Damage and Links to Transcription, RNA Metabolism and Other Processes • Genomic and Genome-Wide Studies • Diagnostic and Therapeutic Applications*

**Abstract & Scholarship Deadline:** November 7, 2012 / **Early Registration Deadline:** January 7, 2013

[www.keystonesymposia.org/13X6](http://www.keystonesymposia.org/13X6)

## Human Genomics and Personalized Medicine

June 17–21, 2013 • Clarion Hotel Sign • Stockholm • Sweden

Organized in collaboration with the Knut and Alice Wallenberg Foundation  
and Science for Life Laboratory – Stockholm

Scientific Organizers: Kelly A. Frazer and Geoffrey S. Ginsburg

### Keynote Speaker:

John Bell, University of Oxford

### Session Topics:

*Breakthroughs in Genomic and Personalized Medicine • Genomes and Biology • Cancer Genomics and Applications • Advances and Challenges in the Field • Pharmacogenomics • Personalized Genomes • Policy • Translating Biomarkers to Personalized Medicine*

**Abstract & Scholarship Deadline:** February 20, 2013 / **Early Registration Deadline:** April 16, 2013

[www.keystonesymposia.org/13E3](http://www.keystonesymposia.org/13E3)

Information shown is current as of May 7, 2012 but subject to change. Please visit the meeting web pages for the most current program information. And visit Keystone Symposia's website at [www.keystonesymposia.org/meetings](http://www.keystonesymposia.org/meetings) for details on more than 50 other conferences taking place in 2013.

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