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ASSISTANT PROFESSOR and ADVISOR
University of Nevada, Reno

The Biology Department at the University of Nevada, Reno seeks a faculty member for a state-
funded continuing position. This nontenure track, Assistant Professor, twelve-month position
starts July or August 2008. Responsibilities include teaching a large enrollment introductory lecture
course for biology majors, and/or the nonmajors biology course, as well as serving as undergraduate
adviser. Applicants are expected to engage in one of the college’s outstanding majors, and leading
and enlarging the Department’s internship program. The successful candidate should be available to teach in the evening and during a
term of the summer session, as needed. We seek
an outstanding and enthusiastic Educator who is eager
to interact with students, to help provide academic
advising for our undergraduates, and to assist the
Department in growing the Department’s internship
offerings. The Department has approximately 640
majors and about 23 state-funded faculty. Reno,
Nevada sits on the eastern flank of the Sierra Nevadaange, offers outstanding opportunities for outdoor recreation, and was recently rated one of the best
small cities in the United States for overall quality of
life. Minimum qualifications include an earned doc-
toral degree in biology, or a related field, and experi-
ence teaching. Applicants should submit to website:
http://www.unrsearch.com the following items:
letter of application, current curriculum vitae, names of
three references, unofficial undergraduate and grad-
uate transcripts, and a one to two-page statement
describing teaching methods and philosophy, and have
two letters of recommendation sent to the
Department of Biology/Advisor Search, Department of Biology/
0314, University of Nevada, Reno, Reno, NV
89557. For complete position announcement and
requirements, visit websites: http://jobs.unr.edu.
All applications must be received by May 26, 2008.
Equal Employment Opportunity/Affirmative Action. Women
and underrepresented groups are encouraged to apply.

FACULTY POSITIONS in STRUCTURAL
BIOLOGY and STEM CELL BIOLOGY
ASSOCIATE or FULL PROFESSOR

Institute of Biochemistry and Cell Biology (IBCB),
Shanghai Institutes for Biological Sciences (SIBS),
Chinese Academy of Sciences (CAS), website:
http://www.ihcsh.ac.cn, has begun an initiative
to develop an internationally renowned research
program in structural biology and stem cell biology
to complement and strengthen the existing pro-
grams in biological sciences. As part of this initiative,
we are inviting applications for up to five faculty
positions in structural biology and stem cell biology
at the rank of Associate or Full Professor. Applicants
should have a Ph.D. or an equivalent degree,
potential for existence, demonstrated excellence in re-
search, and potential of developing independent
research work. The successful candid-
dates will be expected to develop vigorous, extra-
murally funded research programs and to contribute
to graduate and postdoctoral training programs. The
positions come with excellent laboratory space and
substantial startup funds. Competitive salary, hous-
ing subsidy, and fringe benefit package will be com-
mensurate with experience.

Applicants should send curriculum vitae with
a complete list of publications, a concise summary
of past research accomplishments and future research
plans, and three letters of references to: Mr. Banghe
MA, Faculty Search Committee, Institute of
Biochemistry and Cell Biology, Shanghai Insti-
tutes for Biological Sciences, Chinese Academy of
Sciences, 320 Yue-Yang Road, Shanghai 200031,
China or electronically to e-mail: bicbjobs.ac.cn
(telephone: 086-21-54921006 and fax: 086-21-
54921011). Applications will be accepted until po-
sitions are filled. Interviews may be conducted at
any time upon arrangement. IBCB is an Equal Opportunity
Employer.

POSTDOCTORAL FELLOWSHIP
University of Maryland School of Medicine
Department of Radiation Oncology

Postdoctoral positions available to elucidate mech-
isms of human DNA replication and repair and to
develop novel DNA repair inhibitors for use in ex-
perimen tal therapeutics at the University of Maryland
Baltimore, School of Medicine.

Positions are available for doctoral scientists
with interest and experience in DNA replication and
repair mechanisms. The primary focus will involve
studies on human DNA ligases using approaches
ranging from structural biology to mouse models.
Positions are also available for doctoral scientists
with interest and/or experience in transcription re-
search. The overall aim will be to identify small mols
in a number of DNA repair and the DNA
damage response using structure-based drug design
and to determine their activity in preclinical cell and
mouse models of human cancer. Current targets are
DNA ligases (Cancer Research, in press, May 2008)
and the Mre11/Rad50/Nbs1 complex.

Candidates must have a Ph.D. in molecular biol-
y and/or postdoctoral experience. To apply, submit
cover letter, curriculum vitae, and contact informa-
tion for three references to Dr. Alan Tomkinson by
e-mail: atomkinson@som.umaryland.edu or mail
to the University of Maryland School of Medicine,
Department of Radiation Oncology, 655 W. Baltimore Street,
Room 7-025 BRB, Baltimore, MD 21201.

DEPUTY ADMINISTRATOR for
COMPETITIVE PROGRAMS
United States Department of Agriculture
Cooperative State Research, Education, and Extension Service (CSREES)

The Department of Agriculture (USDA) is seek-
ing to fill the position of Deputy Administrator, Cooperative State Research, Education, and Extension Service (CSREES) Depu
ty Administrator for Competitive Programs. As Deputy Administrator for Competitive Programs in
CSREES, the incumbent provides leadership and
uman Capital Coordination on CSREES’ competitive programs in
cluding the National Research Initiative, Small Business Innovation Research, Biotechnology Risk
Assessment Research, and Community Food Proj-
cts. The position has frequent contacts with top
officials of USDA, other government agencies,
extension services, state agricultural ex-
pert stations, colleges and universities, private
organizations and corporations, national and inter-
national institutions, Departments and Ministries of Agriculture in other nations, and members of Cong
gress and their staffs.

This is a Senior Executive Service position. The
salary ranges from $114,468 to $158,500, com-
mensurate with experience. Applicants must meet
mandatory qualifications, as specified in vacancy an
nouncement CSREES-SES-08-10, and address spe-
cific executive core and technical qualifications.
For more information on the position, contact Betty Lou
Gilliland, telephone: 202-720-5506. For infor-
mation on the application process, contact Deborah
Crump, telephone: 301-504-1448. A copy of the
vancy announcement may be located on the Office
of Personnel Management website at website:
http://www.usajobs.gov/. Applications must be
received by June 10, 2008.

U.S. citizenship required. USDA is an Equal Opportunity Provider and Employer.

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Tenure Track/Tenure Investigator Positions in Systems Immunology and Infectious Disease Modeling

The National Institute of Allergy and Infectious Diseases (NIAID), Division of Intramural Research (DIR) is seeking several outstanding individuals for its new Program in Systems Immunology and Infectious Disease Modeling (PSIIM).

Modern technology allows the analysis of immune responses and host-pathogen interactions at multiple levels - from intracellular signaling networks, to individual cell behavior, to the functioning of a tissue, organ, and even the whole organism. The challenge is not only to collect the large amounts of data, but also to organize it in a manner that enhances our understanding of how the immune system operates or how pathogens affect their hosts. To do this, it is necessary to develop detailed quantitative models that can be used to predict the behavior of a complex biological system. These models can help explain the mechanisms underlying physiological and pathological responses to infection or vaccination, which can then be employed to design better therapies or vaccines.

Achieving these goals requires an interdisciplinary effort and for this reason the PSIIM is organized as an integrated team of scientists and support staff. Within the PSIIM, there will be groups with expertise in the areas of computational biology, bioinformatics, proteomics, genomics, cell biology, immunology, and infectious diseases. These teams will have access to the latest technology for gene expression profiling, high content screening of RNAi libraries for the discovery of pathway components, imaging tools, genomic and proteomic analysis, cores for the genetic manipulation of animals, and a substantial computer infrastructure. They will also have access to BSL3 facilities for working with infectious agents of high priority for human health and biodefense.

Although the PSIIM has been established within NIAID and has an immune / infectious disease focus, it is also expected to play a major role in fostering the growth of systems biology efforts throughout the NIH and involving diverse biomedical areas.

Current teams in the PSIIM include Immunology, Computational Biology – Modeling and Simulation, and Molecular / Cell Biology – High-throughput screening. The PSIIM is now recruiting for tenure track or tenure level team leader appointments in the following areas:

**Bioinformatics / Biostatistics:** The incumbent will lead a group focused on developing and implementing computational tools and statistical methods for the analysis of genomic and proteomic data. The ideal candidate will have a strong background in statistics, mathematics, programming, and modeling biological systems as well as a strong interest in collaboration with biologists for the elucidation of biological mechanisms. The group will include expertise in software development (C++, Java, Perl, SQL, etc.), knowledge of bioinformatic tools, databases and algorithms, and experience with heterogeneous computer environments (UNIX, Windows, Mac).

**Proteomics:** The incumbent will lead a group involved in the development and application of new methods for the determination of protein number, binding affinities, post-translational modification, and other qualitative and quantitative aspects of protein expression and behavior that are necessary for computer modeling and simulation. Tools such as mass spectrometry and microfluidic-based multiplexed binding assays are expected to be key elements in the efforts of this group. A strong background in protein biochemistry and the relevant instrumentation needed for high-throughput, high-sensitivity analysis is required.

**Genomics:** The incumbent will be responsible for developing novel approaches to the systems-wide analysis of such issues as transcription factor and epigenetic control of gene expression, the effects of allelic polymorphism on gene expression and function, quantitative measurement of gene expression, and the role of non-coding regions and transcripts such as miRNAs in regulating gene/gene product expression patterns. Knowledge of modern methods in high-throughput analysis of gene transcription, transcription factor binding site identification, analysis of epigenetic modifications, and analysis of gene regulatory circuits is required; bioinformatics experience is desirable.

These positions and the research activities they conduct are fully funded by the intramural research program of NIAID. Each team leader is expected to build a working group consisting of postdoctoral fellows, students, technicians, and staff scientists. The team leaders will work with the Program Director to help set the goals for the PSIIM and to determine how best to reach these goals as an integrated group. To ensure appropriate career trajectories for those joining the PSIIM team effort, the NIH has modified its tenure policies to take specific account of contributions made in such a team science setting. Applicants should be seeking a difficult challenge in which creativity, technical expertise, and a strong desire to achieve in a team setting will be critical for success.

Interested candidates may contact Dr. Ronald Germain, Program Director, PSIIM, DIR, NIAID at (301) 496-1904 or email (rgermain@niaid.nih.gov) for additional information about these positions.

To apply, submit your curriculum vitae, bibliography, and a detailed statement of how your expertise can contribute to the success of the PSIIM program, to Wanda Jackson at NIAID.DIR.Search@niaid.nih.gov. In addition, three letters of reference must be sent directly from your three referees to Dr. Robert Hohman, Chair, NIAID Search Committee, c/o Wanda Jackson at NIAID.DIR.Search@niaid.nih.gov or 10 Center Drive, MSC 1356, Building 10, Room 4A22, Bethesda, Maryland 20892-1356. Email is preferred. Completed applications MUST be received by Friday, May 23rd. Please refer to ad #019 for bioinformatics/biostatistics, #020 for proteomics, and #021 for genomics on all correspondence.

Further information regarding the DIR laboratories is available at: [http://www3.niaid.nih.gov/about/organization/dir/default.htm](http://www3.niaid.nih.gov/about/organization/dir/default.htm) and information on working at NIAID is available on our website at: [http://healthresearch.niaid.nih.gov](http://healthresearch.niaid.nih.gov).

For more information about the NIAID systems biology program, please visit [http://www.nih.gov/catalyst/2006/06.09.01/page1.html](http://www.nih.gov/catalyst/2006/06.09.01/page1.html)
DIRECTOR, CANCER STEM CELL and DEVELOPMENTAL BIOLOGY PROGRAM
Application Deadline: May 30, 2008

The National Cancer Institute (NCI) is seeking an outstanding scientist to serve as the first Director of the Cancer Stem Cell and Developmental Biology Program in the Center for Cancer Research (CCR). This is an exciting opportunity to establish a nationally recognized program in stem cell and developmental biology research. The Director will lead a collaborative community of investigators who are committed to advancing this field with the goal of fostering novel therapeutic approaches that target cancer stem cells. The program will be supported by a wide array of intellectual and technological resources, including dedicated, high quality technology cores relevant to stem cell biology, such as imaging/visualization (both in vitro and in vivo), in vitro stem cell assays, transgenic models, genetics, gene delivery, FACS, proteomic analysis (including high-throughput mass spectrometry), and human genetics/bioinformatics. In addition, the cancer stem cell and developmental biology initiative will be supported with stable financial resources and a training program in cancer stem cell and developmental biology for talented post-doctoral fellows.

The National Cancer Institute is part of the National Institutes of Health (NIH) in the Department of Health and Human Services (DHHS), a federal government agency. The Center for Cancer Research is the largest component of the intramural biomedical research effort at NIH. The research environment is collaborative and highly conducive to advancing translational research, emphasizing multidisciplinary and interdisciplinary team science. For more information go to: http://ccr.cancer.gov/default.asp.

Applicants must have a Ph.D., M.D., or M.D./Ph.D. degrees and a documented history of research success. Currently tenured faculty or faculty eligible for tenure at NIH, with a demonstrated commitment to stem cell biology, are encouraged to apply. Salary will be commensurate with experience and accomplishments. Applications should include: A letter indicating the position of interest including a statement of research interests; a career synopsis; and a current curriculum vitae and complete bibliography.

Applications must be postmarked or received by email at hooper.l@mail.nih.gov by May 30, 2008. Send applications to: Douglas Lowy, M.D., Chair, Cancer Stem Cell and Developmental Biology Program Search Committee, c/o Laura Hooper, Executive Secretary, Center for Cancer Research, 31 Center Drive, 31/3A11, MSC 2440, Bethesda, MD. 20892-2440.

Hematopoietic Stem Cells: Transplant and Gene Therapy

The Genetic Immunotherapy Section (GIS) of NIAID, NIH is recruiting up to three Postdoctoral Fellows for laboratory studies of the biology and immunology of human hematopoietic stem cell transplantation and gene therapy. Areas of study include gene transfer vector development including lentivectors, biology of gene transfer into hematopoietic stem cells, mechanisms of stem cell engraftment, immunology of graft versus host disease, and mechanisms of immune tolerance relating to transplant and gene therapy. The GIS has an active clinical research program in these areas developing therapies for inherited immune deficiencies, providing opportunity for candidates to work in an environment where bench research has a strong translational component.

Extensive experience in molecular biology is required. Previous training in one of the areas of study noted above is highly desirable. Willingness to work with murine models is required. Salary is based on relevant experience and education.

Candidates should send by email their curriculum vitae together with a statement describing relevant training and interest plus full contact information for three to five individuals who may be contacted to provide letters of reference (include email subject heading: Fellowship recruit GIS LHID):

Harry L. Malech, MD, Laboratory of Host Diseases,
Genetic Immunotherapy Section, NIAID/NIH
Building 10, Room 5-3750, MSC1456
10 Center Drive, Bethesda, MD 20892-1456
Email: hmalech@nih.gov

For further information, please visit:
PROGRAM DIRECTOR, RETINAL DISEASES PROGRAM  
NATIONAL EYE INSTITUTE

The National Eye Institute (NEI), National Institutes of Health (NIH) in Bethesda, Maryland, is seeking exceptional candidates for the position of Health Scientist Administrator in the Division of Extramural Research. The Division coordinates all aspects of the NEI extramural research grants and contracts program. The position advertised is for a Program Director in the Retinal Diseases Program. The Program supports clinical and laboratory research on diabetic retinopathy, sickle cell retinopathy, and other vascular abnormalities of the retina; inflammatory diseases of the retina; retinoblastoma; retinitis pigmentosa and other inherited retinal degenerations; macular degeneration; and retinal detachment and vitreal disorders. Future directions for this program are expected to employ promising new technologies and collaborations with new disciplines, such as bioengineering, which hold great promise for understanding retinal diseases.

The incumbent will direct and oversee the administration of a research grant portfolio in the field of retinal diseases. This includes developing, managing, administering, and evaluating a comprehensive program of grants; advising NEI senior staff regarding both the scientific and administrative matters affecting the retinal diseases research portfolio; representing NEI in broader NIH extramural matters; coordinating program planning and evaluation activities; and providing reports and statistics related to the Retinal Diseases Program.

This is a career Federal position. The salary range is $69,764 – $127,442 per annum, commensurate with qualifications and professional experience. A full benefits package is available, which includes retirement, Thrift Savings Plan participation, health, life, and long-term care insurance.

Applications will be accepted through 05/23/2008. The complete vacancy announcement, along with mandatory qualifications and application procedures, can be obtained via the USAJOBS website at http://www.usajobs.com. Please refer to announcement number NEI-08-240055-DE. For questions, please contact Ms. Thomascene White at (301) 435-5713 or whitet1@od.nih.gov. Applications and supporting documentation must be received by close of business, 05/23/2008.

Clinical Director

The National Institute of Mental Health (NIMH) seeks a highly accomplished senior clinician to be Clinical Director. The position comes with complementary budget and staff. The strong scientific environment and outstanding resources at NIMH for carrying out a comprehensive clinical research program make this a unique opportunity for a research-oriented senior clinician. The successful candidate will be expected to strengthen the current intramural clinical research program and physician-investigator training program, administer and coordinate the activities dealing with the causes, diagnosis, treatment, and prevention of mental disorders, as well as provide focus for national attention in the area of mental health research. In addition, the candidate will be expected to make broader connections to other clinical programs at NIH, as well as increasing integration with the excellent basic neuroscience research programs in NIMH. The position also offers unparalleled opportunities for interdisciplinary collaboration with scientists throughout the NIH.

Applicants must have: an M.D. degree, and be board certified in Psychiatry; and have broad clinical experience, including: 1) a record of high clinical achievements, national and international recognition for those achievements; 2) experience in direct administration of a clinical program and training of clinical investigators; 3) expertise in consultation-liaison psychiatry; and 4) close familiarity with human subjects protections and the operations of an Institutional Review Board (IRB).

Salary is commensurate with experience and accomplishments, and a full Civil Service package of benefits (including retirement, health, life, and long-term care insurance, as well as a Thrift Savings Plan, etc.) is available. NIMH is a major research component of the National Institutes of Health and the Department of Health and Human Services, which have nationwide responsibility for improving the health and well being of all Americans. Interested applicants should send curriculum vitae, bibliography, statement of research interests, accomplishments, and goals, together with six letters of reference to: Chair, Search Committee for NIMH Clinical Director, Bldg. 10, Rm. 4N-222, NIH, Bethesda, MD 20892-1381; or e-mail to steyerm@mail.nih.gov. Application deadline: May 21, 2008.
THE HANS CHRISTIAN OERSTED POSTDOC PROGRAMME

The Technical University of Denmark (DTU) invites highly talented young researchers who have already obtained outstanding results during their PhD studies and have demonstrated excellence and potential in their field of study to apply for one of the stipends under the H.C. Oersted Postdoc Programme. The programme is named after the founder of the university, H. C. Oersted, who discovered Electromagnetism.

The full text of the announcement can be seen on DTU’s homepage at www.dtu.dk/vacancy. Applications must be based on the details of the full text announcement.

Further information can be obtained from Dean of Research Kristian Stubkjær, e-mail: forskningsdekan@adm.dtu.dk

Application deadline: 13th August 2008 at 12.00.

Further details www.dtu.dk/vacancy

The Technical University of Denmark is one of the leading technical research and educational institutions in Northern Europe with 6,200 students, 4,500 employees and a yearly turnover of DKK 3.1 billion.

As of January 1, 2007 DTU has merged with the Danish Institute for Food and Veterinary Research, Risø National Laboratory, the Danish Institute for Fisheries Research, the Danish National Space Centre and the Danish Transport Research Institute.

DTU

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Assistant Professor for Assembled Inorganic Materials

ETH Zurich invites applications for an assistant professorship for Assembled Inorganic Materials at the Department of Chemistry and Applied Biosciences (www.chab.ethz.ch/index_EN).

Candidates should demonstrate exceptional potential for developing an innovative research program on the synthesis and detailed functionalization of new inorganic compounds and complexes across the nano to macro size domains. Specific areas of interest include the design of individual particles and modification of their surfaces for specific functional properties by chemical bottom-up processes as well as the assembly of functionalized units into hierarchical structures and super crystals. Candidates should furthermore contribute to the teaching program of the Laboratory of Inorganic Chemistry. Courses at Master level may be taught in English.

Assistant professorships have been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period.

Please submit your application together with a curriculum vitae, a list of publications, a list of on-going projects, and a detailed research plan to the President of ETH Zurich, Prof. Dr. Ralph Eichler, Raemistrasse 101, 8092 Zurich, Switzerland, no later than August 31, 2008. With a view toward increasing the number of female professors, ETH Zurich specifically encourages female candidates to apply.

University of Cambridge

The Herchel Smith Professorship of Physics

(Physics of Medicine)

The Board of Electors to The Herchel Smith Professorship of Physics invite applications for this Professorship from persons whose work falls within the general field of the Physics of Medicine, to take up appointment on 1 October 2008 or as soon as possible thereafter.

The Professorship has been made possible through the generosity of the late Dr Herchel Smith. The person filling this chair will lead the many interdisciplinary activities in the general area of the Physics of Medicine currently being developed in the Cavendish Laboratory in collaboration with the School of Clinical Medicine and lead the programme in new directions.

It is expected that the primary base will be the new Physics of Medicine Building at the Cavendish Laboratory, but with involvement in the programme of the School of Clinical Medicine, as described above.

Further information may be obtained from the Academic Secretary, University Offices, The Old Schools, Cambridge, CB2 1TT, (email: ibise@admin.cam.ac.uk), to whom a letter of application should be sent, together with details of current and future research plans, a curriculum vitae, a publications list and form PD18 with details of two referees.

Informal enquiries may be made to Professor Peter Littlewood, Department of Physics (tel. 01223 374249, e-mail hod@phy.cam.ac.uk) and to Professor Patrick Sissons (tel 01223 336738, e-mail regius@medschl.cam.ac.uk). Departmental information may be found at http://www.phy.cam.ac.uk, http://www.pom.cam.ac.uk, http://www.medschl.cam.ac.uk

Closing date: 6 June 2008.

The University is committed to Equality of Opportunity.
Imperial College London
Faculty of Natural Sciences
Department of Physics

Director of the Institute for Shock Physics and Professor of Shock Physics

Imperial College London is ranked the fifth best university in the world (Times Higher QS World University Rankings 2007).

An Institute for Shock Physics is being established at Imperial College London. The Institute will undertake experimental, theoretical and computational work in the physics of material subject to strong shocks involving pressures of hundreds of GPa. The institute is initially part-funded by AWE plc with the aim of undertaking world-leading academic research work in this area.

Imperial College is seeking to recruit a Director of the Institute who will also hold the position of Professor of Shock Physics within the Physics Department. Applications are invited from individuals with expertise in this field.

You will have an internationally recognised profile of excellence in research with a substantial record of publications in high-quality journals as well as a history of success in attracting funding for your research and a proven track record of managing research teams. You will have the vision to ensure the future growth and success of the Institute. As a Professor of Shock Physics you will lead your own active research programme within the Institute. You will also be involved in the recruitment of a number of other posts within the Institute as it grows and be responsible for the interaction between Imperial College London and other stakeholders.

Further particulars and application details can be found at the website: www.imperial.ac.uk/employment/academic

Further information about the Faculty of Natural Sciences can be found at the website: www.imperial.ac.uk/naturalsciences and the Department of Physics can be found at the website: www.imperial.ac.uk/physics

Informal enquiries are welcomed and should be directed in confidence to the interim Director: Professor Steven Rose (s.rose@imperial.ac.uk)

Completed applications should be sent to Maria Monteiro, Senior Appointments Co-ordinator (Professors and Readers), Human Resources, Level 3 Faculty Building, Imperial College London, London SW7 2AZ or by email m.monteiro@imperial.ac.uk

Closing date for applications: 20 June 2008

Valuing diversity and committed to equality of opportunity

Cedars-Sinai Medical Center

Director of the Cedars-Sinai Institute for Stem Cell Science and Regenerative Medicine

Cedars-Sinai Medical Center seeks to recruit a scientist of international stature to direct our Institute for Stem Cell Science and Regenerative Medicine. The Institute will focus on developing a translational approach to stem cell science and tissue engineering through human studies which are likely to yield novel therapies in the foreseeable future. Existing research groups that would be included within the institute are:

Embryonic Stem Cells (led by Dr. Nissim Benvenisty)
Neuroscience (led by Dr. Michal Schwartz)
Skeletal (led by Dr. Dan Gazit)

Heart (led by Dr. Eduardo Marban)
Eye (led by Dr. Yaron Rabinowitz)
Liver (led by Dr. Jeffrey Fair)

Each center will encompass a basic biology group and a translational medicine arm. All centers are expected to operate as autonomous, self-funded entities within the broad framework of an Institute.

The Institute Director will be expected to fulfill two main functions: (i) Establish an independent research group of stature with substantial peer-reviewed funding in an area relevant to stem cell research and regenerative medicine and (ii) Create an environment for an infrastructure that will facilitate cross-talk and scientific interaction between the component Centers, enhancing our ability to translate science into clinical practice within the Medical Center.

The Director will be assisted by a Co-director and a dedicated administrative team and will be a member of the Institute Directors Executive Committee. The Institute Director will receive institutional support for the creation of an independent research group, for resources that will serve as core support for all component centers and for translational medicine support, including a new GMP facility.

Cedars-Sinai Medical Center is one of the leading medical centers in the United States. In the 2007 U.S. News & World Report Best Hospital rankings, of more than 5,000 U.S. hospitals, only 18 made the Honor Roll. Cedars-Sinai was one of these and was ranked in 10 categories, including Digestive Disorders, Endocrinology, Geriatrics, Gynecology, Heart and Heart Surgery, Kidney Disease, Neurology and Neurosurgery, Orthopedics, Respiratory Disorders, and Urology. These areas have substantial potential for translational stem cell science and regenerative medicine through collaborations with strong clinical groups.

If you are interested in this outstanding opportunity and wish to apply or obtain further information, please send your cover letter, curriculum vitae, and the names of at least 3 references to: Cedars-Sinai Medical Center, Attention: Leon Fine, MD, Chair, Biomedical Sciences, 8700 Beverly Boulevard, Los Angeles, CA 90048; e-mail to: leon.fine@cshs.org.

Cedars-Sinai Medical Center encourages and welcomes diversity in the workplace AA/EOE.
FACULTY POSITION

Center for Learning Innovation - Social Sciences or Humanities

The University of Minnesota Rochester (www.rumn.edu) invites applications for an open-rank, tenure-track faculty position in social sciences or humanities (preferred bioethics and another area of humanities or social sciences expertise) for its proposed degree program, the Bachelor of Science in Health Sciences (BSHS). This program will provide education and experiential learning for students interested in Health Professions career programs, graduate education, or professional degrees. Faculty will join the newly established Center for Learning Innovation (CLI) as Design Faculty. CLI leads the development of an integrated curriculum for a baccalaureate degree in the health sciences. It promotes a learner-centered, competency-based learning environment in which ongoing assessment guides and monitors student learning and is the basis for data-driven research on learning. Design Faculty are responsible for the development of the curriculum, including learning objectives, development of learning objects, assessment, and mentoring of postdoctoral fellows. They are expected to significantly contribute to advancing the field of inquiry of student learning, especially as it pertains to understanding principles and concepts in the life, physical, and quantitative sciences and the humanities. The successful candidate has a Ph.D. in an area in social sciences or humanities with a deep interest in science-based learning and has experience in the design of new curricula, assessment, and technology-enhanced education at the undergraduate level. The successful candidate works well in interdisciplinary teams, is comfortable working in an uncertain and unstructured environment, and exhibits creativity, innovation, and entrepreneurship. The University of Minnesota designated the University of Minnesota Rochester (UMR) as its fifth coordinate campus in December 2006. The campus currently serves approximately 400 students taking courses through partnerships with other campuses of University of Minnesota as its fifth coordinate campus in December 2006. The campus currently serves approximately 400 students taking courses through partnerships with other campuses of the University of Minnesota. UMR will admit its first freshmen class in fall 2009 and is projected to grow its enrollment to 1,400 by 2012.

Review of applications will begin immediately and will continue until all positions are filled. Applications must be submitted online at https://employment.umn.edu. Search postings for Job Requisition #154687 for application instructions and links. In addition to the Faculty/Academic Application for Employment form, applicants must attach to the online application a description of teaching experience and philosophy, summary of research interests, curriculum vitae, and names and contact information (including e-mail addresses) for three references. For more information, contact Gail Sauter, University of Minnesota Rochester, 300 University Square, 111 South Broadway, Rochester, MN 55904; fax 507-281-7794; phone 507-292-5114; e-mail saute008@umn.edu.

The University of Minnesota is an Equal Opportunity Educator and Employer. Women and minorities are encouraged to apply. To request disability accommodations and/or to receive materials available in alternative formats, please contact Gail Sauter as noted above.

LECTURER / SENIOR LECTURER IN CELL AND MOLECULAR BIOLOGY (PROTEOMICS)

School of Biological Sciences

Applications are invited for the position of Lecturer/Senior Lecturer in the School of Biological Sciences at Victoria University of Wellington. Applicants must have a strong record of research in cell and molecular biology, using proteomics as their major research tool. The appointee will develop independent and collaborative research programmes in proteomics and will teach in undergraduate and postgraduate courses within the School. The position is approximately equivalent to Assistant/Associate Professor in the American system, but is a permanent position without a tenure process.

Reference A115-08
Applications close 20 May 2008

For further information and to apply online visit http://vacancies.vuw.ac.nz

Tulane University School of Medicine

Tenure-track Faculty Positions

The Department of Pharmacology at Tulane University Health Sciences Center invites applications for tenure track faculty positions at the rank of Assistant/Associate Professor from candidates with active research programs in either cancer research or neuropharmacology. These positions are created as part of a major expansion of the cancer research program and neuroscience program at Tulane University Health Sciences Center. Modern laboratory space, competitive salary, excellent start-up package, and access to extensive core equipment facilities including a state-of-the-art vivarium are available. Candidates should have a Ph.D. or M.D. degree and evidence of productive research in addition to extramural grant support.

Applications should include CV, statement of research plans, names of three references and sent to: Krishna C. Agrawal, Ph.D., Regents Professor and Chairman Department of Pharmacology Tulane University School of Medicine 1430 Tulane Avenue, SL-83, New Orleans, LA 70112 (email: agrawal@tulane.edu)

Tulane University is an Affirmative Action/Equal Opportunity Employer.

ADVANCING CARDIOVASCULAR THERAPEUTICS. IMPROVING LIVES.

Gilead Colorado, Inc. is located near the foothills of the Rocky Mountains between the cities of Denver and Boulder. We have multiple openings for B.S., M.S. and Ph.D. level biologists and biochemists to help us fulfill our vision of discovering, developing and commercializing medications to treat life threatening cardiovascular diseases. We are seeking individuals with expertise in the following areas to join our rapidly growing group:

- In Vivo Physiology & Pharmacology
- Ex Vivo Functional Pharmacology
- Receptor Pharmacology
- Primary Cell Isolation & Culture
- High Throughput Screening
- Enzyme Kinetics
- Protein Purification
- Molecular Biology
- Cell-Based Assays

Successful candidates will have the ability and desire to work in a scientifically rigorous, team-oriented, and fast-paced environment. Interested individuals should visit www.gilead.com/careers and reference requisition numbers 404, 407, 590, 1005, 1060, 1062, 1223, and 1490 to view complete job descriptions.

Victoria University of Wellington is an EEO employer and actively seeks to meet its obligations under the Treaty of Waitangi.

Gilead Equal Opportunity Employer

www.gilead.com/careers
The Department of Environmental Sciences (www.env.ethz.ch/index_EN) at ETH Zurich invites applications for a professor position in Environmental Organic Chemistry. The new professor is expected to develop an internationally recognized research program in the field of environmental organic chemistry, with an emphasis on the behavior and fate of organic pollutants in the environment (soils, water, and atmosphere). Research may be focused on emerging organic micropollutants such as hormones and antibiotics or on biomarkers.

The successful candidate will be expected to teach undergraduate level courses (German or English) and graduate level courses (English) in the field of environmental organic chemistry and the analysis of organic pollutants. Collaboration in research and teaching is expected within the Institute of Biogeochemistry and Pollutant Dynamics and with other groups in the ETH domain and related institutions.

Please submit your application together with a curriculum vitae, a list of publications, a statement of research and teaching interests, and the names and contact information of three possible referees to the President of ETH Zurich, Prof. Dr. Ralph Eichler, Raemistrasse 101, 8092 Zurich, Switzerland, no later than August 31, 2008. With a view towards increasing the number of female professors, ETH Zurich specifically encourages female candidates to apply.

To strengthen the interdisciplinary research area “Nanoscience” at LMU Munich and to promote exceptional junior scientists the Faculty of Physics invites applications for the following associate professorship:

**Professorship for Experimental Physics**

*(W2, tenure-track, 6 years)*

**Condensed Matter Physics**

Preferred research areas are nanostructured interfaces, nanomechanical devices, nanoelectronic systems or interfaces in nano-biotechnology. We especially seek candidates with expertise in fabrication via nanoscale lithography and self-assembly. An active participation of the professorship in the “Center for NanoScience” (CeNS), the Nanosystems Initiative Munich (NIM), and local collaborative research programs is desirable.

Candidates are expected to conduct an independent research program that complements existing research efforts and to participate in the teaching program. In addition to a Ph. D. in physics they should have an outstanding record of internationally recognized research accomplishments. The tenure-track position is initially granted for a six-year period and can, with a positive evaluation, be converted to tenure after a minimum of three years. In exceptional cases and with outstanding qualifications immediate tenure can be granted. At the time of appointment the age of 52 should not be exceeded.

In order to increase the proportion of female faculty applications from female scientists are particularly encouraged.

Preference will be given to disabled persons with the same qualifications.

Applications including a curriculum vitae, academic records, a list of publications and invited lectures, a two-page summary of planned research activities should reach the Dekanat der Fakultät für Physik der Ludwig-Maximilians-Universität München, Schellingstraße 4, 80799 München, Germany, by June 15, 2008.
FACULTY POSITION
Center for Learning Innovation - Physical Sciences

The University of Minnesota Rochester (www.umn.edu) invites applications for an open-rank, tenure-track faculty position in the physical sciences (preferred area is chemistry) for its proposed degree program, the Bachelor of Science in Health Sciences (BSSH). This program will provide education and experiential learning for students interested in Health Professions career programs, graduate education, or professional degrees. Faculty will join the newly established Center for Learning Innovation (CLI) as Design Faculty. CLI leads the development of an integrated curriculum for a baccalaureate degree in the health sciences. It promotes a learner-centered, competency-based learning environment in which ongoing assessment guides and monitors student learning and is the basis for data-driven research on learning. Design Faculty are responsible for the development of the curriculum, including learning objectives, development of learning objects, assessment, and mentoring of postdoctoral fellows. They are expected to significantly contribute to advancing the field of inquiry of student learning, especially as it pertains to understanding principles and concepts in the life, physical, and quantitative sciences and the humanities. The successful candidate has a Ph.D. in the physical sciences with a deep interest in science-based learning and has experience in the design of new curricula, assessment, and technology-enhanced education at the undergraduate level. The successful candidate works well in interdisciplinary teams, is comfortable working in an uncertain and unstructured environment, and exhibits creativity, innovation, and entrepreneurship. The University of Minnesota designated the University of Minnesota Rochester (UMR) as its fifth coordinate campus in December 2006. The campus currently serves approximately 400 students taking courses through partnerships with other campuses of the University of Minnesota. UMR will admit its first freshmen class in fall 2009 and is projected to grow its enrollment to 1,400 by 2012.

Review of applications will begin immediately and will continue until all positions are filled. Applications must be submitted online at https://employment.umn.edu. Search postings for Job Requisition #154685 for application instructions and links. In addition to the Faculty/Academic Application for Employment form, applicants must attach to the online application a description of teaching experience and philosophy, summary of research interests, curriculum vitae, and names and contact information (including e-mail addresses) for three references. For more information, contact Gail Sauter, University of Minnesota Rochester, 300 University Square, 111 South Broadway, Rochester, MN 55904; fax 507-281-7794; phone 507-292-5114; e-mail saute008@umn.edu.

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Institute for Computational Biomedicine (ICB)
High-Throughput Biomarker Discovery Data Analyst

The Biomedical Informatics Core of the Clinical Translational Science Center (CTSC) at Weill Medical College of Cornell University is recruiting a data analyst to perform biomarker discovery in high-throughput data sets generated in clinical and basic science laboratories across the CTSC. We are seeking candidates with a Ph.D. in bioinformatics, computer science, statistics, biology, physics, chemistry and post-doctoral experience in biomarker discovery. The successful candidate will be able to demonstrate expertise in machine learning and statistics applied to gene expression and/or proteomics datasets. The biomarker data analyst will be responsible for working with CTSC investigators to help them derive predictive models from high-throughput datasets. Strong communication skills and the ability to develop collaborations with basic and clinical investigators are a must. A strong publication record is a plus. (This is a non-faculty, academic, Research Associate position.) The candidate will work on the Manhattan campus, in the state of the art computing environment of the Institute for Computational Biomedicine. Resume, cover letter, and at least two reference letters on behalf of the candidate should be addressed to Dr. Fabien Campagne at icb-jobs@med.cornell.edu. Applications must be received by 31 August 2008.

For information about the Institute for Computational Biomedicine (ICB), see: http://icb.med.cornell.edu/

For Information about the Clinical Translational Science Center, see: http://www.med.cornell.edu/ctsc/

Cornell is an Equal Opportunity/Affirmative Action Employer.
ASSISTANT/ASSOCIATE PROFESSOR OF BIOCHEMISTRY

The Department of Biochemistry, University of Missouri-Columbia, invites applications for a tenure-track Assistant or Associate Professor position from scientists applying biochemical and molecular approaches to the study of nutrition. This position will complement wider campus initiatives addressing problems of obesity, nutrition, diet and human health. We are particularly interested in individuals that would complement existing research strengths in neurodegenerative diseases, inflammation, radiopharmaceuticals, diabetes/cardiovascular disease, cancer and plant sciences. The University is noted for interdisciplinary research programs including a multidisciplinary Life Sciences Center, a NIH-supported Imaging Center that complements a productive institutional nuclear reactor, a new International Institute for Nano and Molecular Medicine, and an Interdisciplinary Plant Group. Position qualifications include a Ph.D. and/or M.D. in biochemistry or a related field and postdoctoral experience. The successful applicant will develop or continue an outstanding research program and contribute to Departmental teaching activities.

Submit a curriculum vitae and descriptions of current and planned research activities and have three letters of reference sent to:
Chair Biochemistry Search Committee
Department of Biochemistry
117 Schweitzer Hall
University of Missouri-Columbia
Columbia, MO 65211

Electronic submission to biochemsearch@missouri.edu is encouraged. Review of applications will begin July 1, 2008.

MU is an EEO/AA/ADA Employer and encourages applications from women and minorities. For ADA accommodations, please contact our ADA Coordinator at (573) 884-7278 (V/TTY).

PROGRAM OFFICER, MATERIALS SCIENCE & TECHNOLOGY
(Materials Scientist, Metallurgist, Chemist, or Physicist)

The Office of Naval Research is seeking a qualified individual to manage sponsored basic/applied research, and advanced technology development programs and projects in the broad area of materials science and technology. The sponsored efforts are conducted principally at U.S. universities and industry or Federal laboratories. This is a Federal Civil Service position at the GS-13/14/15 level ($82,961 - $149,000) depending on individual qualifications.

The position requires knowledge and experience in the fundamental theories, concepts, and current-state-of-the art research and/or technology development in the broad area of materials science and technology, including but not limited to, Fe-, Ti- and Al-alloy design and development; welding, joining and processing science and technology needed to exploit advanced metals and alloys; fundamental understanding to predict and control microstructure and damage evolution; and the computational and experimental tools that enable the advancement of the discipline.

For information on qualifications and how to apply, see the Job Announcement at http://www.onr.navy.mil/careers/. Applications must be submitted by close of business or postmarked as of the closing date noted in the job announcement. For technical information contact us at hrdeptjobs@onr.navy.mil.

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We’ve got Careers down to a Science.

Science Careers is the “go to” career site for job opportunities and career advice in the science industry. With the best jobs from the industry’s top employers, we’re proud to be No. 1. From job postings, employer profiles, and a resume database to grant information, job alerts, and a careers forum, Science Careers really does have it all. And best of all, everything is free! Log on to www.ScienceCareers.org today and find out why we’re different.
INTERDISCIPLINARY: RESEARCH PHYSIOLOGIST/RESEARCH EMBRYOLOGIST

The Nation’s Premier Food and Agricultural Research Agency
Plant Sciences Institute, Bee Research Laboratory, Beltsville, Maryland

The United States Department of Agriculture (USDA) Agricultural Research Service (ARS) is seeking a highly qualified Research Physiologist/Research Entomologist at the GS-12/13 grade level for a permanent full-time position. Salary is commensurate with experience and can range between $69,764 to $107,854 per annum. The incumbent will join a team of scientists devoted to improving honey bee health and survivorship. Responsibilities include maintaining and enhancing the research effort on germplasm preservation of honey bees as well as developing active research to find novel means of preserving honey bee germplasm. The incumbent’s specific research objectives are: (1) develop optimum methods for the in vitro preservation of honey bee embryos; (2) develop methods for the in vivo preservation of honey bees; and (3) determine the biochemical and physiological environment that enables honey bee sperm to remain viable in queen spermathecae for years. To achieve these goals, the incumbent is expected to conduct research on germplasm preservation utilizing techniques that include: cryopreservation, ambient temperature storage, artificial insemination, in vitro rearing, proteomic and genomic analysis, and subtractive cDNA library construction. To apply, refer to vacancy announcement ARS-X08-0049 on the ARS careers website at: http://www.ars.usda.gov/divisions/hrd/index.html to obtain the full text announcement and complete application instructions. Applications must be received by May 30, 2008. U.S. citizenship is required.

USDA-ARS is an Equal Opportunity Employer and Provider.

FACULTY POSITIONS IN THE DEPARTMENT OF CELL AND DEVELOPMENTAL BIOLOGY and ANATOMY

University of South Carolina School of Medicine

Tenure-track faculty positions at the ASSISTANT, ASSOCIATE, or FULL PROFESSOR level are available in the Department of Cell and Developmental Biology and Anatomy. Successful candidates are expected to maintain a nationally recognized research program and to participate in graduate and/or undergraduate teaching programs. Also, applicants at the Associate or Full Professor level should have a well-established, externally funded research program. The University of South Carolina has a major research emphasis in the areas of cardiovascular development and disease. As such, candidates with research interests in cardiovascular cell biology, embryology, and tissue regeneration are particularly encouraged to apply. Applicants are requested to submit names and addresses of at least three references, as well as an application letter, curriculum vitae, and statements of research and teaching interest to: Burns@gw.med.sc.edu. Review of applications will begin immediately and continue until positions are filled. The University of South Carolina is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR

University of Michigan, Flint

Tenure-track position available August 2008. Ph.D. in genetics or related field is required. Teaching responsibilities may include genetics and introductory biology. Establishment of an active, externally funded research program involving undergraduates and M.S. students is expected. For more information see website: http://www.UMichbs.org/, job identification 13134.

The University of Michigan, Flint is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

FACULTY POSITION - VIROLOGY

The Department of Microbiology at University of Texas Southwest Medical Center at Dallas seeks a new faculty member in molecular virology at the ASSISTANT PROFESSOR (tenure track) level. The appointee will be expected to develop a front-ranking, competitive, independent research program that focuses on one or more aspects of the viral life cycle (host-pathogen interactions, viral pathogenesis, disruption of viral replication, command of host cell processes, viral immunology, et cetera), and that will complement existing strengths in hepatitis C virus, poliovirus, West Nile virus, HIV/simian immunodeficiency virus, Kaposi’s sarcome-associated herpesvirus, and viral oncogenesis. Research on any virus of medical relevance is of interest. The appointee will contribute to the teaching of medical and graduate students. Attractive startup packages, including a competitive salary and new laboratory space, are available to conduct research in an expanding, dynamic environment. For exceptional candidates, an Endowed Scholars Program offers startup funds of $700,000 (plus $300,000 towards salary support) over a four-year period. Candidates should have a Ph.D. and/or M.D. degree with at least three years of postdoctoral experience and an exceptional publication record. Candidates please forward curriculum vitae, three letters of recommendation, and a brief summary of future research to: Dr. Michael V. Norgard, Chair, Department of Microbiology, University of Texas Southwest Medical Center, 6000 Harry Hines Boulevard, Dallas, TX 75390-9048 (e-mail: michael.norgard@utsouthwestern.edu).

U.T. Southwest is an Equal Opportunity/Affirmative Action Employer.

ASSOCIATE DIRECTOR of SCIENCE COMMUNICATIONS

American Association for Cancer Research (AACR), the oldest and largest international cancer research association dedicated to the conquest of cancer has a newly created opening for an Associate Director, Science Communications, for its Philadelphia headquarters.

The Associate Director will develop, implement, and manage a strategic science communications plan that represents and maintains AACR as the foremost authoritative voice on cancer research, thereby supporting the overall mission and goals of the AACR and the Communications Department.

Requirements: Bachelor’s degree; Ph.D. or Master’s in related communications or ten years of progressively responsible management experience in healthcare or science communications and/or media relations; demonstrated excellence in science writing; strong working knowledge of national and international media; exceptional interpersonal and management skills; and ability to work under tight deadlines.

Send letter of interest to: Human Resources, P.O. Box 40138, Philadelphia, PA 19106; e-mail: humanresources@aacr.org; fax: 215-440-1045.

The University of South Carolina is an Equal Opportunity/Affirmative Action Employer.

CAREER OPPORTUNITY

This unique program offers the candidate with an earned Doctorate in the life sciences the opportunity to obtain the Doctor of Optometry (OD) degree in 27 months (beginning in March of each year). Employment opportunities exist in research, education, industry, and private practice. The Office of Admissions Office, telephone: 800-824-5526 at the New England College of Optometry, 424 Beacon Street, Boston, MA 02115. Additional information at website: http://www.humanresources@aacr.org; fax: 215-440-1045. Equal Opportunity Employer.

FACULTY - RESEARCH SCIENTIST

University of Illinois at Chicago, Section of Cardiology, Department of Medicine

The Department of Medicine, Section of Cardiology at the University of Illinois at Chicago is seeking outstanding applicants with research interests in cardiosurgery and stem cell biology for a full-time, tenured or tenure-track appointment at all faculty ranks. Applicants must hold a Ph.D., M.D., or equivalent doctoral degree. The successful applicant’s research will complement existing areas of interdepartmental strengths in cardiac development, regenerative medicine, and muscle cell signaling. Funding salary and laboratory space are competitive and commensurate with experience.

Please submit the names and addresses of at least three references, as well as a letter of application, curriculum vitae, and statement of career objectives by May 31, 2008, to: David L. Geenen, Faculty Search Committee, University of Illinois at Chicago, Section of Cardiology, 840 S. Wood Street, Chicago, IL 60612-7323. E-mail applications to: e-mail: geenen@uic.edu.

The University of Illinois at Chicago is an Equal Opportunity Affirmative Action Employer, and encourages applications from women, minorities, veterans, and persons with disabilities.

PHARMACOLOGY EDUCATOR

University of South Carolina School of Medicine

The Department of Pharmacology, Physiology, and Neuroscience at the University of South Carolina School of Medicine invites applications for a faculty position, rank open. The major responsibility of this position will be teaching medical and graduate pharmacology and administration of medical pharmacology. The successful applicant must have a Ph.D. in pharmacology or related discipline and documented evidence of excellence in teaching medical pharmacology. For individuals with funded research programs, laboratory space and startup funds will be made available; opportunities for collaborative research with current departmental faculty members are also available. Qualified applicants should submit a cover letter, curriculum vitae, three letters of recommendation, and a teaching philosophy statement by May 2, 2008, to: e-mail: pharma@med.sc.edu.

The University of South Carolina is an Equal Opportunity/Affirmative Action Employer.

SENIOR LABORATORY TECHNICIAN

Flow Cytometry and Tissue Culture Maintenance

Nanomachine Center

California NanoSystems Institute, UCLA

The Nanomachine Center at UCLA develops controlled-release organic-inorganic hybrid nanoparticle-based drug delivery systems that will be tested as potential therapeutics in preclinical cancer research. A highly experienced Technician with hands-on skills in cell culturing, flow cytometry, and tissue culture is required to conduct studies on nanoparticle uptake, targeting, processing, drug release, and assessment of cell biology required. Please forward curriculum vitae and three references to e-mail: nanomachicenter@gmail.com.
FACULTY POSITION
Center for Learning Innovation - Life/Health Sciences

The University of Minnesota Rochester (www.r.umn.edu) invites applications for an open-rank, tenure-track faculty position in the life-health sciences (preferred areas are biochemistry, molecular biology, or cell biology) for its proposed degree program, the Bachelor of Science in Health Sciences (BSHS). This program will provide education and experiential learning for students interested in Health Professions career programs, graduate education, or professional degrees. Faculty will join the newly established Center for Learning Innovation (CLI) as Design Faculty. CLI leads the development of an integrated curriculum for a baccalaureate degree in the health sciences. It promotes a learner-centered, competency-based learning environment in which ongoing assessment guides and monitors student learning and is the basis for data-driven research on learning. Design Faculty are responsible for the development of the curriculum, including learning objectives, development of learning objects, assessment, and mentoring of postdoctoral fellows. They are expected to significantly contribute to advancing the field of inquiry of student learning, especially as it pertains to understanding principles and concepts in the life, physical, and quantitative sciences and the humanities. The successful candidate has a Ph.D. in the life/health sciences with a deep interest in science-based learning and has experience in the design of new curricula, assessment, and technology-enhanced education at the undergraduate level. The successful candidate works well in interdisciplinary teams, is comfortable working in an uncertain and unstructured environment, and exhibits creativity, innovation, and entrepreneurship. The University of Minnesota designated the University of Minnesota Rochester (UMR) as its fifth coordinate campus in December 2006. The campus currently serves approximately 400 students taking courses through partnerships with other campuses of the University of Minnesota. UMR will admit its first freshmen class in fall 2009 and is projected to grow its enrollment to 1,400 by 2012.

Review of applications will begin immediately and will continue until all positions are filled. Applications must be submitted online at https://employment.umn.edu. Search postings for Job Requisition #154678 for application instructions and links. In addition to the Faculty/Academic Application for Employment form, applicants must attach to the online application a description of teaching experience and philosophy; summary of research interests, curriculum vitae, and names and contact information (including e-mail addresses) for three references. For more information, contact Gail Sauter, University of Minnesota Rochester, 300 University Square, 111 South Broadway, Rochester, MN 55904; fax 507-281-7794; phone 507-292-5114; e-mail sauter008@umn.edu.

The University of Minnesota is an Equal Opportunity Educator and Employer. Women and minorities are encouraged to apply. To request disability accommodations and/or to receive materials available in alternative formats, please contact Gail Sauter as noted above.

POSTDOCTORAL POSITIONS IN GENETICS
THE ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY

The Department of Genetics of the Albert Einstein College of Medicine in New York City is expanding to become a major driver of Einstein’s rapidly growing translational medicine initiative. Faculty in the department work in a collaborative and interactive environment on the mechanisms of genetic and epigenetic regulation of development, aging and human disease.

We invite highly qualified and motivated individuals to join interdisciplinary teams studying the functional genomics of cancer and aging. We have openings for postdoctoral positions in the following areas:

1. Functional analysis of gene variants associated with extreme longevity in silico and cell culture methods, with a focus on genome maintenance and the insulin/IGF-1 pathways. Experience in cell culture, cloning of expression constructs, lentivirus-based transfection studies and a solid basis in bioinformatics is required. A strong background in signal transduction is essential. Info: Dr. Yousin Suh, ysuah@aeom.yu.edu.

2. Analysis of transcriptional noise at the transcriptomic and epigenomic level through single cell functional genomics analysis of human and mouse cells and tissues. Experience in mouse genetics, transcription profiling, using real-time PCR and microarray approaches, and experience in practical bioinformatics is required. Info: Dr. Jan Vijg, jvijg@aeom.yu.edu.

The department provides a strong infrastructure, which includes a state-of-the-art Genomics Core, Cell Culture Core for generating DNA/RNA from patient specimens, Genome Imaging Core for fluorescence in situ hybridization analysis, and a Center for Epigenomics, housing a cluster of next-generation DNA sequencers. Candidates should email curriculum vitae and a brief description of research interests, along with contact information of three references via email to Dr. Suh or Vijg.

Albert Einstein College of Medicine, Jack and Pearl Resnik Campus, 1300 Morris Park Avenue, Bronx, NY 10461

Assistant Professor in Biochemistry

The Department of Biochemistry invites applications for a tenure-track position at the level of Assistant Professor. Candidates must have a Ph.D. with post-doctoral experience of at least 2 years. The successful applicant is expected to establish a strong, independent and externally funded research program in a biochemical research area linked to metabolic syndromes such as diabetes, obesity, hyperlipidemia, etc. An interest and/or experience in bioinformatics would be an asset. In addition, participation in teaching of both the undergraduate medical and Biochemistry curricula will be required. The successful applicant will have a broad range of collaborative possibilities on campus with scientists in cognate departments and colleges, including the Canadian Light Source (www.cls.usask.ca) and the Saskatchewan Structural Sciences Centre (www.usask.ca/sssc).

Please submit both electronic and signed hard copy of the application, including curriculum vitae, names, addresses and email addresses of three referees; and a statement on research interests and of previous teaching experience to: Dr. R.L. Khandelwal, Department of Biochemistry, College of Medicine, University of Saskatchewan, 107 Wiggins Road, Saskatoon, SK S7N 5E5 Canada; Phone: (306) 966-4368; Fax: (306) 966-4390; Email: ramji.khandelwal@usask.ca; Website: www.medicine.usask.ca.

The closing date for receipt of applications is July 1, 2008. The effective date for appointment is January 1, 2009.

All qualified candidates are encouraged to apply. However, Canadian citizens and permanent residents will be given priority. The University of Saskatchewan is committed to Employment Equity. Members of Designated Groups (women, Aboriginal people, people with disabilities and visible minorities) are encouraged to self-identify on their applications.
NEWLY ESTABLISHED LABORATORY FOR MOLECULAR DIAGNOSIS IN RADIOLIGY DEPARTMENT DEVELOPS NOVEL AGENTS TO SENSE MOLECULAR PROCESSES AND DISEASE-RELATED TARGETS IN VIVO.

POSTDOCTORAL POSITIONS

Cornell University and Oregon State University

Two postdoctoral positions are available as part of a collaborative project between Cornell University and Oregon State University to undertake a structure-function analysis of merlin, the product of the NF2 tumor suppressor gene.

One position will investigate the biochemistry and cell biology of merlin and structure-based mutants. The successful candidate will have a Ph.D. and/or M.D. and a strong background in cell biology. Applicants should send curriculum vitae, a brief description of research accomplishments, and arrange for three letters of recommendation to: Dr. Anthony Bretscher, Weill Institute for Cell and Molecular Biology, Cornell University, Ithaca, New York. E-mail: icmb_recruiting@cornell.edu. For full consideration, apply by May 31, 2008.

The second position will exploit X-ray crystallography in the study of merlin and its mutants. The successful candidate will have a Ph.D. in biochemistry and biophysics or other relevant science, experience in protein expression and purification, and protein crystallography. Preferred qualifications include a demonstrable commitment to promoting and enhancing diversity. Applicants should submit curriculum vitae and a brief description of research accomplishments. Inquiries about the position and three letters of recommendation should be addressed to Dr. P. Andrew Karplus at e-mail: karplus@science.oregonstate.edu.

To view the full position announcement and to apply online visit: http://oregonstate.edu/jobs, posting #0002516. For full consideration, apply by May 31, 2008.

Cornell University is an Affirmative Action/Equal Opportunity Employer and has a policy of being responsive to dual-career needs.