Bioinformatics/Computational Biology

The Center for Bioinformatics (Bioinformatics Program) and the Department of Molecular Biosciences invite applications for an assistant professor tenure-track faculty position to begin as early as August 18, 2013. The interdisciplinary Center for Bioinformatics (www.bioinformatics.ku.edu) complements existing strengths in the Department of Molecular Biosciences (www.molecularbiosciences.ku.edu), including structural biology, computational chemistry, proteomics, and developmental/molecular genetics, as well as strengths in drug design and information technology in the Schools of Pharmacy and Engineering. The Center fosters international activities in Bioinformatics and combines outstanding research and a Ph.D. program.

Required Qualifications: Ph.D. and postdoctoral experience in a discipline related to Bioinformatics is expected by the start date of the appointment; potential for excellence in research in Bioinformatics; commitment to teaching life sciences courses; and strong record of research accomplishments in at least one of the following areas: modeling of macromolecular structure and interactions, modeling of protein networks, genomics, and systems biology.

For the full position announcement and to apply online, go to: http://employment.ku.edu and search by key words “Bioinformatics/Computational Biology”. Submit a CV, letter of application, statement of past and future research, statement of teaching interests and philosophy, and a list of at least three references who may be contacted via telephone or e-mail. Initial review of applications begins November 19, 2012 and will continue as long as needed to identify a qualified pool. Direct inquiries to Dr. Ilya Vakser (vakser@ku.edu).

The University of Kansas is especially interested in hiring faculty members who can contribute to four key campus-wide strategic initiatives: (1) Sustaining the Planet, Powering the World; (2) Promoting Well-Being, Finding Cures; (3) Harnessing Information, Multiplying Knowledge; and (4) Building Communities, Expanding Opportunities. See www.provost.ku.edu/planning/themes/ for more information.

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If you need assistance locating these positions on our website, please email JRegan14@ITS.JNJ.com.
Faculty Position in Cardiovascular/Respiratory/Autonomic Disorders
Department of Pharmacology and Physiology
School of Medicine and Health Sciences

The Department of Pharmacology and Physiology is accepting applications for a tenure-eligible faculty member at the rank of Assistant, Associate or Full Professor with expertise in the genetic, cellular or molecular characterization of autonomic, cardiovascular and/or respiratory disorders. This individual will participate in medical and graduate education in the Department of Pharmacology and Physiology as well as the Institute for Biomedical Sciences.

Basic Qualifications: Applicants must have a terminal degree (Ph.D. or M.D.) in an appropriate discipline and substantial accomplishments in biomedical research as demonstrated by a significant number of first and/or senior author publications in outstanding peer-reviewed journals as well as promise or success in obtaining external research support. The successful candidate will participate in collaborative research activities including development of multi-investigator projects for extramural funding. Salary and start up funds will be commensurate with experience.

To be considered, please complete an online faculty application at https://www.gwu.jobs/postings/11698 and submit a complete curriculum vitae and names and contact information for 3 references. Review of applications will begin on December 1, 2012, and will continue until the position is filled. Only complete applications will be considered.

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National Taiwan University Presidential Search

National Taiwan University (NTU) is a full-fledged comprehensive university with outstanding achievements. As the current presidency ends in June, 2013, Presidential Search Committee now invites nominations and applications for the position of President.

President candidates should meet the following requirements: Academician at Academia Sinica, or professor, or professional with prior teaching and academic research experience equivalent to that required of a professor, and at least three years of experience, accumulative, as a director in schools, government agencies, or in other state-owned or private business entities. The ideal President should be a leader of integrity with excellent academic achievement and administrative skills in education. The new leader should also be able to administer matters impartially and beyond the interests of any political groups.

For those who would like to nominate a candidate, please fill in all required forms and send it to the address below via registered mail or express mail delivered before 5pm on December 3, 2012. Application dossier will not be returned.

NTU Presidential Search Committee
No.1, Sec. 4, Roosevelt Road
Taipei
Taiwan 10617

If you have any inquiries, please call (886)-2-33662035, or fax (886)-2-23629997. The nomination form can be downloaded from the NTU Website: [http://www.ntu.edu.tw/president/eng.html](http://www.ntu.edu.tw/president/eng.html)

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**Tenure-Track Faculty Position**

**Department of Microbiology and Physiological Systems**

The Department of Microbiology and Physiological Systems at the University of Massachusetts Medical School invites applications for a tenure-track faculty position at the rank of Assistant Professor. Depending on qualifications, candidates may be proposed for a more senior appointment at the rank of Associate or Full Professor. The Department is seeking candidates who can build on its core strengths in host-pathogen interactions, immunology, virology, and cellular physiology. We are particularly interested in candidates with cross-disciplinary approaches to problems in bacterial or viral infection including, but not limited to: integrative/systems biological approaches to infection; analysis of complex microbial communities and their impact on host responses; molecular mechanisms of pathogenesis; cell biology of infection; and host defenses and adaptation to infection. Candidates will be expected to develop and maintain an innovative, externally funded research program. We offer generous support and a highly collaborative environment with opportunities for both basic and translational research. The position will be highly competitive with regard to start-up funds and salary.

Applicants should submit a cover letter explaining their interest in the Department, a curriculum vitae that includes honors and publications, and a succinct research plan to https://academicjobsonline.org/ajo/jobs/2054. To expedite the review process, applicants should invite three individuals who are familiar with their work and potential for success to upload recommendation letters at the same web address. Review of applications will begin immediately and continue until the position is filled.

As an equal opportunity and affirmative action employer, UMass recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives and backgrounds.

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**MUSC Recruiting Senior Faculty with Research Interests in Lipid Signaling and Metabolic Pathways**

The Department of Biochemistry & Molecular Biology and the Hollings Cancer Center at the Medical University of South Carolina (MUSC) are pleased to announce openings for senior level faculty with research experience in cancer lipid signaling and/or metabolism, including various aspects of cancer biology and/or therapeutics, such as regulation of PT/PI3K signaling, RNA transcription/translation, lipid-protein interaction, and/or anti-cancer drug function. State-of-the-art laboratories, outstanding resources and research support are available. Endowed chair positions are available for qualified candidates. We are seeking outstanding basic and/or clinical scientists who would complement and expand existing programs at MUSC.

Candidates should have a national reputation, outstanding track record, and solid record of collaborative and peer-reviewed funded research. The Hollings Cancer Center is a National Cancer Institute Designated Center, and with its state-of-the-art research and shared resource facilities, including an outstanding Lipidomics Core, it has a strong culture of promoting basic and translational research.

Located on the Atlantic coast in South Carolina, Charleston boasts one of the nation’s most historic downtown areas, beaches and year-round outdoor life, as well as international cultural events such as the Spoleto Festival USA and outstanding cuisine.

Interested researchers should submit a CV, summary of research interests, and contact information for three references online at website: [www.jobs.musc.edu/applicants/Center?quickFind=189086](http://www.jobs.musc.edu/applicants/Center?quickFind=189086).

Philip H. Howe, Ph.D.
Professor & Chair
Biochemistry & Molecular Biology
Associate Director of Basic Sciences
Hollings Cancer Center
Medical University of South Carolina
PO Box 25063
Charleston, SC 29425
campbell@musc.edu

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Faculty Positions at School of Chemical and Biomedical Engineering (SCBE)

Nanyang Technological University (NTU) in Singapore is ranked 47th in the 2012 QS World University Rankings and is the fastest-rising university in the world’s top 50.

SCBE at NTU invites applications for Assistant, Associate or Full Professors. For more information, visit [www.scbe.ntu.edu.sg/About_Us/Pages/Open_Positions.aspx](http://www.scbe.ntu.edu.sg/About_Us/Pages/Open_Positions.aspx)

**Research Areas**

**Chemical and Biomolecular Engineering Division**

- Process systems engineering
- Product and process design
- Pharmaceutical engineering
- Food engineering
- Separation technology

**Bioengineering Division**

- Cardiovascular biomechanics
- Biomeasurement
- Biomedical and imaging
- Biofluid
- Neuro bioengineering
- Nature inspired bioengineering

**Application Details**

Guidelines: [www.ntu.edu.sg/hr/Career/SubmitApplications/Pages/Faculty.aspx](http://www.ntu.edu.sg/hr/Career/SubmitApplications/Pages/Faculty.aspx)

Email: scbe_recruit@ntu.edu.sg

[www.ntu.edu.sg](http://www.ntu.edu.sg)
The Person: The ideal candidate will have considerable research experience demonstrating a strong understanding of computational, technological, and biological issues. In addition, candidates should possess recognized research management and leadership abilities. Candidates with substantial training and experience in computation/informatics, biomedical technology, and biomedical research will be considered. A strong understanding of the role of computation, informatics, and technology in uncovering biological principles and in advancing research on human health and disease is desired. This individual will report to the Director, National Institute of General Medical Sciences (NIGMS), but will also have access to the Director, National Institutes of Health (NIH), in coordinating activities across NIH and among federal agencies.

The Challenge: A significant challenge for the biomedical research community is the integration of the vast amount of accumulating scientific data in order to develop predictive understanding of basic biological processes. The ability to meet this challenge will be critically dependent on advances in bioinformatics and computational biology and on discovery and deployment of new technologies. The Division of Biomedical Technology, Bioinformatics, and Computational Biology (BBCB) is responsible for stimulating and funding research in these areas of importance for NIGMS. The Division supports research on bioinformatics, databases, and data mining; modeling of complex biological systems; algorithmic development and software engineering; mathematical biology, high-performance computing, molecular imaging, structural biology, and proteomics, among other areas. In addition, the Division is responsible for managing the NIH Biomedical Information Science and Technology Initiative (BISTI), an agency-wide effort to stimulate and coordinate use of computer science and technology to address problems in biology and medicine. The Division also actively collaborates with other NIH components and federal agencies in developing policies in these areas. NIGMS is seeking a leader in this field to direct the Division and the BISTI efforts, and to coordinate the work of both with other interested federal agencies and the broader scientific community. Information about the Division and BISTI is available at: http://www.nigms.nih.gov/About/Overview/bbcb.htm and http://bisti.nih.gov.

Position Requirements: Candidates must have an M.D., Ph.D., or equivalent degree in a field relevant to the position. Please see the official vacancy announcement for qualification requirements and what to submit. The position will be filled under a Title 42 excepted service appointment.

Salary/Benefits: Salary is competitive and will be commensurate with the experience of the candidate. A recruitment or relocation bonus may be available, and relocation expenses may be paid. A full package of Federal Civil Service benefits is available, including: retirement, health and life insurance, long term care insurance, leave, and a Thrift Savings Plan (401K equivalent). The successful candidate is subject to a background investigation and financial disclosure requirements.

How to Apply: The official vacancy announcement is available at: http://www.nigms.nih.gov/About/Job_Vacancies/

Information about the NIGMS can be found at http://www.nigms.nih.gov/About/.

NIGMS will begin accepting applications on October 26, 2012, and plans to have the position open for at least 30 days, but will not to close the application process until a candidate has been selected.

You may contact Krystal Kelly with questions about this vacancy at kellykry@od.nih.gov or 301-594-3827.

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30 Career Positions as Research Associate

Karolinska Institutet announces funding for 30 Research Associates within:

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- Epidemiology/Biostatistics
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Application deadline November 15th 2012

ki.se/job

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Science Careers

online@sciencecareers.org
Faculty Position in Biological Engineering
Department of Biological Engineering

The MIT Department of Biological Engineering (BE) invites applications for a tenure-track faculty position at the assistant professor level, to begin July 2013 or thereafter. Applicants should hold a Ph.D. in a science or engineering discipline related to biological engineering. A more senior faculty appointment may be considered in special cases. Candidates should aspire to direct a leading research program that fuses molecular/cellular bioscience with quantitative engineering analysis/synthesis approaches. Faculty duties include teaching at the graduate and undergraduate levels as well as supervision of research, and candidates should be capable of instructing in our core biological engineering educational curricula. Current research in BE spans a broad application range of biotechnology from medicine and infectious disease to energy and the environment, along with fundamental studies of biological processes (see http://web.mit.edu/be/research/).

Candidates must register with the BE search website at http://be-fac-search.mit.edu, and must submit application materials electronically to this website. Candidate applications should include a description of professional interests and goals in both teaching and research. Each application should include a curriculum vitae and the names and addresses of three or more references who will provide recommendation letters. References should submit their letters directly to MIT at the http://be-fac-search.mit.edu website. Applications received by 1 December 2012 will be given priority.

Questions may be directed to: Prof. Douglas Lauffenburger, Head, Department of Biological Engineering, MIT 16-343, Cambridge, MA 02139, lauffen@mit.edu

MIT is an Equal Opportunity/Affirmative Action employer.

http://web.mit.edu

Recruiting Faculty in Biochemistry and Molecular Biology

The Department of Biochemistry and Molecular Biology at the Medical University of South Carolina (MUSC) invites applications for tenure track positions in all areas of biochemistry and molecular biology. Exceptional candidates with strong commitments to research and teaching excellence are encouraged to apply. Rank will be commensurate with experience and endowed chair positions are available for outstanding candidates. We are seeking outstanding scientists who would complement and expand existing research foci and programs at MUSC.

Located on the Atlantic coast in South Carolina, Charleston boasts one of the nation’s most historic downtown areas, beaches and year-round outdoor life, as well as international cultural events such as the Spoleto Festival USA.

Applicants must provide a cover letter, curriculum vitae, and a detailed research plan online at website: www.jobs.musc.edu/applicants/Central?quickFind=190056

Junior candidates must also provide contact information for three references.

Philip H. Howe, Ph.D.
Professor and Chair
Department of Biochemistry and Molecular Biology
Medical University of South Carolina
173 Ashley Avenue, MSC 509
Charleston, SC 29425
simmonva@musc.edu

MUSC is an Equal Opportunity Employer, promoting workplace diversity.

Assistant Professor in Plant Sciences –
Plant Microbiologist in Food Safety
Department of Plant Sciences

UC Davis

Research will focus on plant-environment-microbial interactions of crops and produce, with emphasis on microbial community processes in relation to plant and/or human pathogens. This position provides the opportunity to investigate fundamental principles that determine how plants and their environment affect the microbial communities upon the plant surface with a goal of identifying key ecological and/or molecular traits controlling the presence, persistence, or activities of beneficial and deleterious microorganisms. A successful researcher in this field would likely utilize key tools and research approaches including metagenomics, transcriptomics, metabolomics, molecular analysis of plant-microbe interactions, and/or eco-physiological processes; or any related combined approaches to analyze microbial communities interacting with plants. These studies may occur in any range of successively contexts, from field systems through the multiple human environments involved in post-harvest processes (handling, packaging, storage and preservation, transportation, etc.). Develop an internationally-recognized research program and professional profile, establish a vigorous, dynamic and innovative teaching program at both the undergraduate and graduate levels and contribute to teaching of core courses in the Plant Sciences curriculum and development of new courses in their area of expertise.

QUALIFICATIONS: Ph.D. or equivalent level of experience in plant biology, postharvest biology, or microbiology with experience in plant microbial interactions or related fields.

SALARY: Commensurate with qualifications and experience.

TO APPLY: The complete position description and application instructions can be viewed at http://recruitments.plantsciences.ucdavis.edu/. For questions regarding the application process please email Melanie Greenleaf at mgreenleaf@ucdavis.edu. Review of the applications will begin January 1st, 2013. The position will remain open until filled.

UC Davis is an Affirmative Action/Equal Employment Opportunity Employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities.

TEMPELE UNIVERSITY
Department of Biology
Faculty Positions
( Associate/Full Professor)

As part of an ongoing expansion, the Department of Biology at Temple University anticipates hiring multiple faculty over the next several years. This year, we invite applications for positions at the Associate and Full Professor levels. We are especially interested in candidates with funded, innovative research programs in areas that complement and extend departmental strengths in Molecular/Cellular/Developmental Biology, Integrative/Organismal Biology, Ecology/Evolution, and Neurobiology. Substantial laboratory space and additional resources provide opportunities for research program expansion. Candidates also are expected to contribute to undergraduate and graduate teaching.

Applicants should submit a curriculum vitae, a research program summary, and a statement of teaching philosophy to: http://bio.cst.temple.edu/search. Review of applications will begin immediately, with priority given to applications received by December 15, 2012. For additional information please see https://bio.cst.temple.edu/

Temple University is an Equal Opportunity, Equal Access, Affirmative Action Employer committed to achieving a diverse community (AA, EOE, M/F/D/V).
The Department of Neuroscience at the University of Lethbridge seeks an exceptional neuroscientist to fill a position as Campus Alberta Innovates Chair in Brain Health and Dementia. This is a probationary (tenure track) position, with the possibility of an appointment with tenure at a higher rank dependent upon experience.

The Chair will reside at the Canadian Centre for Behavioural Neuroscience (CCBN), a 60,000 sq ft, world-class research facility equipped with exceptional infrastructure, including 3 NMRs, electron microscope, multiphoton and several confocal microscopes, high throughput digital imaging, flow cytometer, deep sequencing platform, in vitro recording facilities, multiple in vivo ensemble single unit recording suites, PCR, dense-array electroencephalography, voltage-sensitive dye recording lab, dedicated parallel computing cluster, and numerous state-of-the-art surgical and behavioural testing suites.

The Chair will be part of a research intensive group, all of whom focus on fundamental problems in the neurobiology of cerebral functioning. The Chair will develop a research program focusing on mechanisms underlying normal and disordered memory, including research that sheds light on brain changes in normal aging or dementia.

For more information about the University please visit our website at uleth.ca, or the CCBN website at ccbn.uleth.ca. For a detailed job description visit: uleth.ca/hum/Services/career_fac/Neuroscience_August_2012.htm.
AAAS is here – promoting universal science literacy.

In 1985, AAAS founded Project 2061 with the goal of helping all Americans become literate in science, mathematics, and technology. With its landmark publications *Science for All Americans* and *Benchmarks for Science Literacy*, Project 2061 set out recommendations for what all students should know and be able to do in science, mathematics, and technology by the time they graduate from high school. Today, many of the state standards in the United States have drawn their content from Project 2061.

Every day Project 2061 staff use their expertise as teachers, researchers, and scientists to evaluate textbooks and assessments, create conceptual strand maps for educators, produce groundbreaking research and innovative books, CD-ROMs, and professional development workshops for educators, all in the service of achieving our goal of universal science literacy.

As a AAAS member, your dues help support Project 2061 as it works to improve science education. If you are not yet a member, join us. Together we can make a difference.

To learn more, visit
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AAAS + U = ∆
The Department of Biology at New Mexico State University invites applications for 2 tenure-track positions at the Assistant Professor level and 1 continuing non-tenure-track College Assistant Professor.

**Tenure-track position in Microbiology:** The successful candidate will be expected to develop an externally-funded research program and to teach courses in general microbiology, microbial physiology and general biology at the undergraduate level as well as graduate courses in his/her area of expertise. Individuals whose research focuses on a prokaryotic system with biomedical relevance will be preferred.

Email: microsearch@nmsu.edu

**Tenure-track position in Animal Physiology:** The successful candidate will be expected to develop an externally-funded research program and to teach courses in human physiology, comparative physiology, and general biology at the undergraduate level as well as graduate courses in his/her area of expertise.

Email: physiological@nmsu.edu

Applicants for the nine-month, tenure-track positions above must submit, to the designated email address, a single pdf consisting of a cover letter, CV, and concise (2-pages each, maximum) statements of (a) research interests and accomplishments and (b) teaching philosophy and experience. Applicants must also arrange to have 3 letters of reference sent by e-mail to the same address. Applicants for each position must have a Ph.D. in Biology or a related field, a minimum of one year of post-doctoral experience, a strong track record of research productivity commensurate with experience, and a demonstrated commitment to undergraduate and graduate education.

**Non-tenure-track College Assistant Professor:** This is a 9-month, renewable position at the College Assistant Professor level with opportunity for promotion. Applicants must have a Ph.D. in Biology or a related field and prior teaching experience. Preference will be given to applicants with a demonstrated commitment to teaching at all levels of the undergraduate curriculum and the development of innovative teaching methods and materials. The successful candidate will be responsible for three courses per semester covering a variety of introductory biology offerings for majors and non-majors as well as upper division courses in his/her area of expertise. Applicants must submit a single pdf consisting of a cover letter, CV, and concise statement of teaching philosophy and experience to biolecturer@nmsu.edu and arrange to have three letters of reference sent by e-mail to the same address.

For all searches preference will be given to applications completed by the initial review date of November 30, 2012. Applications lacking any of the required components will not be reviewed. Please direct inquiries to the designated email addresses. Full details of the position are available at [http://hr.nmsu.edu/employment-hr/jobs-at-nmsu/](http://hr.nmsu.edu/employment-hr/jobs-at-nmsu/) (Requisition numbers: Microbiologist 2012002392, Physiologist 2012002393, College Track 2012002394)

NMSU is a public, land grant, minority-serving institution recognized by the Carnegie Foundation as RU/H (research university with high research activity). The Department of Biology is a thriving community of 20 faculty members supporting undergraduate majors in Biology, Microbiology, Genetics and Conservation Ecology. More than 70 graduate students are currently enrolled in MS and PhD programs within the department. The department supports core facilities for microscopy, isotope chemistry, tissue culture, next-generation sequencing, and natural history collections. Opportunities exist to participate in NIH-, NSF- and HHMI-sponsored training programs. For more information see: [http://biology-web.nmsu.edu/](http://biology-web.nmsu.edu/)

NMSU is an EEO/AA Employer. Offer of employment is contingent upon availability of funding and verification of eligibility for employment in the United States.

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**Endowed Professorships in Tissue Engineering and Regenerative Medicine**

Rensselaer Polytechnic Institute in Troy, NY is offering up to four endowed positions for exceptional faculty in a broad range of fields as part of the institute’s Tissue Engineering and Regenerative Medicine (TERM) Constellation within the Center for Biotechnology and Interdisciplinary Studies (CBIS). Through this recruitment, we seek to build a Constellation of distinguished chaired professors in the School of Engineering and School of Science who will enhance our existing strength in TERM. Under the auspices of CBIS, TERM Constellation professors will work collaboratively with other Constellations and distinguished faculty in Biocatalysis and Metabolic Engineering, Bioimputation and Bioinformatics, and Integrative Systems Biology.

Candidates for constellation faculty must demonstrate that they have outstanding academic credentials and a well-funded and internationally recognized research program that augments our core strengths in musculoskeletal, neural, and vascular engineering and science, biomolecular science and engineering, the materials-biology interface, and multiscale modeling and imaging. Individuals are required to possess a comprehensive vision for regenerative medicine and tissue engineering as well as the multidisciplinary skills in stem cells, biomechanics, biomaterials, and bioimaging. Applicants must have an earned doctorate degree, or foreign degree equivalent, in engineering or science and be eligible for the tenure position at the Associate or Full Professor level in one of the academic departments in the School of Engineering or School of Science at Rensselaer Polytechnic Institute. Salary, benefits and start-up packages are competitive, and will be commensurate with experience.

Rensselaer offers world-class research facilities and an atmosphere promoting interdisciplinary collaboration. The 218,000 square foot Center for Biotechnology and Interdisciplinary Studies offers staff-supported rodent research barrier facilities, complete with MRI imaging, nano-biotechnology, NMR, cutting edge imaging and visualization, proteomics, and scientific computing and visualization all with in-house Ph.D. core directors. The Center of Computational Nanotechnology Innovation provides access to one of the fastest university-based supercomputers in the world, supporting research across the Center for Multiscale Science and Engineering, Rensselaer Center for Nanotechnology, and Center for Modeling, Simulation and Imaging in Medicine. A new multimillion dollar nanoscale materials characterization core, dedicated to determination of structure, chemistry, and properties at the nanoscale is currently under development. Rensselaer has long-standing collaborative relationships with many other leading universities, hospitals and medical centers in the Albany, Boston, Connecticut, New York, and Rochester areas.

Applicants must supply their current CV and a statement of research vision as a single pdf sent electronically to TERM@rpi.edu. For additional information, please contact: Professors Susan Gilbert and Deepak Vashishth, Email: sgilbert@rpi.edu | Phone: (518) 276-4415 or Email: vashish@rpi.edu | Phone: (518) 276-6548, Rensselaer Polytechnic Institute - Center for Biotechnology and Interdisciplinary Studies, 110 8th Street, Troy, New York 12180-3590, Website: [http://biotech.rpi.edu](http://biotech.rpi.edu).

Application review is ongoing and applications will be accepted until position is filled.

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**We welcome candidates who will bring diverse intellectual, geographical, gender and ethnic perspectives to Rensselaer’s work and campus communities. Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity Employer.**
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Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers a suite of tools and services developed specifically for scientists. With hundreds of career development articles, webinars and downloadable booklets filled with practical advice, a community forum providing answers to career questions, and thousands of job listings in academia, government, and industry, Science Careers has helped countless individuals prepare themselves for successful careers.

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- Eligibility: Ph.D. or equivalent degree candidates engaged in dissertation research in the biological, chemical or engineering fields

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- Mentoring and networking opportunities
- Eligibility: Ph.D. or equivalent degree recipients in the biological, chemical or engineering fields

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LIBRARY OF CONGRESS
THE JOHN W. KLUGE CENTER
FACULTY POSITIONS in Mechanical Engineering
Massachusetts Institute of Technology

The Department of Mechanical Engineering at the Massachusetts Institute of Technology seeks outstanding candidates for tenure-track faculty positions in the following fields to begin July 1, 2013 or thereafter: Bioengineering; Thermal Sciences and Engineering; Instrumentation and Robotics. A detailed description of each position is provided at website: http://search-mech.mit.edu. Applicants should hold an earned Ph.D. in mechanical engineering or a relevant field by the start of employment. Faculty duties include teaching at the graduate and undergraduate levels, research, and supervision of student research.

We seek candidates who will provide inspiration and leadership in research and actively contribute to core mechanical engineering undergraduate, and graduate level teaching. New faculty hires are expected to have a research focus in one of the disciplinary fields listed above. Applicants must have demonstrated: (1) outstanding research strength; (2) a strong disciplinary background; (3) strong experimental and/or theoretical skills; and (4) the potential to work across disciplinary boundaries. Appointment would be at the ASSISTANT or untenured ASSOCIATE PROFESSOR level. In exceptional cases, a senior faculty appointment may be possible.

Applicants should send curriculum vitae, a research statement, a teaching statement, and copies of not more than three publications. They should also arrange for four individuals to submit letters of recommendation on their behalf. This information must be entered electronically at the following website: http://search-mech.mit.edu. Full consideration will be given to applications submitted by December 31, 2012.

M.I.T. is an affirmative action/equal opportunity employer. Women and underrepresented minorities are especially encouraged to apply.

FACULTY AND RESEARCHER OPENING at Human University

The State Key Laboratory for Chemo/Biosensing and Chemometrics, College of Biology and College of Chemistry and Chemical Engineering at Human University will recruit multiple faculty members and research scientists to expand its effort in biology, molecular sciences and biomedical sciences and engineering. We welcome applicants in the following four widely defined areas: chemical biology, Life sciences (plant molecular biology and plant biotechnology), biomedical engineering, and molecular medicine. Applicants should have a Ph.D. or M.D. in related areas such as biology, medicine, biomedical engineering, and chemistry, etc. Applicants at all academic levels are welcome to apply with the following materials: curriculum vitae, research and teaching statements and the names of five references. These materials can be sent to e-mail: hudabiology@gmail.com for candidates for faculty positions, and to e-mail: hudaresearcher@gmail.com for research scientists, postdoctoral, and graduate students. Women candidates, competitive salary, and startup package will be offered based on qualification. Review of applications will begin on November 15, 2012, and continue until the positions are filled. Human University is a 985 Project University, which emphasizes fostering innovative research programs in biology, chemistry, and biomedical sciences and engineering.

RESEARCH ASSOCIATE, Department of Pharmacology, School of Medicine, University of California, Los Angeles. The position is available immediately and will continue until the position is filled. Applications are invited for a tenure-track faculty position at the ASSISTANT PROFESSOR level beginning Autumn 2013. The position will be posted on October 3, 2012. Submit application materials to website: https://employne.nmu.edu, where a description and requirements are posted. Northern Michigan University is an Equal Opportunity/Affirmative Action Employer and is strongly committed to increasing the diversity of its faculty.

Online @sciencecareers.org

562 26 OCTOBER 2012 VOL 338 SCIENCE www.sciencemag.org
Tenure Track Faculty Positions in Neurobiology

The Department of Anatomy and Neurobiology at Washington University School of Medicine is undergoing a major expansion and is recruiting outstanding scientists interested in developing independent research programs in neural development, synapse physiology, neural circuitry underlying behavior, or developmental disorders of cognition. We seek investigators for Assistant Professor positions using innovative cellular, molecular, genetic or epigenetic approaches.

Candidates should email a single pdf file containing: cover letter, curriculum vitae and summary of research accomplishments and plans to neurosearch@pcg.wustl.edu before December 1, 2012. Address materials to:

Dr. Paul Taghert, Search Committee Chair
Department of Anatomy & Neurobiology
Washington University School of Medicine
660 South Euclidian Avenue, Campus Box 8108
Saint Louis, MO 63110

Candidates should also arrange to have three letters of recommendation (as pdf files) sent to the committee (neurosearch@pcg.wustl.edu) before December 1, 2012.

Washington University is an Equal Opportunity Employer.

ANNOUNCEMENTS

ESPCA/São Paulo School of Advanced Science

Advances in Molecular Structuring of Food Materials

Faculty of Animal Science and Food Engineering,
University of São Paulo, BRAZIL - April 1st to 5th, 2013

Food Science and Engineering are increasingly interested in the food/consumer relationship in terms of new food roles such as the “delight” or “satisfaction” that food provides. All of these are a consequence of a combination of chemical, biochemical, microbiological and structural factors inherent to food, either raw or processed. Several leading academics from Brazil and abroad will promote an advanced discussion of those topics.

100 grants covering the cost of travelling, accommodation and subsistence from 31MAR to 06APR, sponsored by FAPESP, are available for 60 selected post-graduate students from outside Brazil and 40 from Brazilian post-graduate programmes.

Deadline for application and registration: November 01, 2012 (23h59 Brasilia time)

Information: http://spsas.vitis.usp.br/molecularstructuringfood/
E-mail: structfood@gmail.com

Chief of the Division of Rheumatology at the David Geffen School of Medicine at UCLA

The Department of Medicine of the University of California at Los Angeles is seeking an exceptional leader with the expertise and skills needed to be the Chief of Rheumatology at UCLA. We are seeking a world class scientist that will continue the distinguished research that has been the hallmark of the Division over many decades. The Division includes 31 faculty members and an ACGME accredited fellowship training program consisting of 8 fellowship positions.

Individuals interested in this position should have a national/international reputation in the field of academic Rheumatology. The candidates must have a strong background in basic research in Rheumatology-related research themes with emphasis on novel approaches, a track record of extramural research funding, and publications consistent with this position. The selected individual will facilitate and coordinate all Rheumatology clinical and research activities of the Division. The candidate should have a willingness to foster collaborative interactions between clinical and laboratory scientists, and a strong interest in mentoring of junior faculty/fellows. A tenured faculty appointment at a rank commensurate with experience will be considered.

This position will control substantial resources from the Department of Medicine, and commands a competitive salary enhanced by an attractive benefits package, including medical malpractice coverage and a collegial work environment. Candidates should email their curriculum vitae, a letter with a statement of career goals, and the names of three references to the Chair of the Search Committee:

Charalabos Pouthoulakis, M.D.
Professor of Medicine
David Geffen School of Medicine at UCLA
c/o Juan Vaquerano, Administrator
e-mail: jvaquerano@mednet.ucla.edu

The David Geffen School of Medicine at UCLA is an Affirmative Action/Equal Opportunity Employer. Women and Minorities are encouraged to apply.

HARVARD UNIVERSITY

The Department of Psychology anticipates hiring a SENIOR LECTURER to begin July 1, 2013. The appointee will be expected to teach four courses per academic year including undergraduate and graduate courses in statistics, research design, and data analysis. In addition to teaching, the appointee will be expected to develop techniques of data analysis, working knowledge of simulation techniques and potentially techniques including graph theory and Bayesian analysis would be desirable. The appointee may also be asked to serve on undergraduate senior thesis committees, dissertation committees and other departmental committees.

This appointment requires a Ph.D. and candidates will ordinarily have held a faculty position at a research university or a selective undergraduate institution. Candidates can submit application materials online at website: https://academicpositions.harvard.edu/postings/4305. Questions regarding this position at Harvard should be sent to e-mail: jenniferwalker@fas.harvard.edu. The closing date for applying is December 1, 2012.

This appointment is renewable every five years based on performance and curricular needs. Harvard is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women and members of minority groups.

ASSISTANT PROFESSOR in Biochemistry

Georgetown University wishes to recruit a tenure-track Assistant Professor in Biochemistry to begin fall 2013, who will be housed in Regents Hall, a newly opened, state-of-the-art science center. Research areas in biochemistry as broadly defined will be considered that complement those of existing faculty in the Department. Research interests related to sustainability and energy or xenobiotics and the environment are especially welcome. Candidates must have a Ph.D. degree in chemistry or a closely related field and postdoctoral training or equivalent is desirable. Development of an internationally recognized, externally funded research program and teaching at the undergraduate and graduate levels, particularly in the department, are expected. Please send curriculum vitae, description of research plans, statement of teaching philosophy as one document in PDF format, and arrange for three letters of recommendation to be sent to e-mail: chemresearch@georgetown.edu. For full consideration, complete applications should arrive before December 15, 2012. Georgetown University is an Equal Opportunity/Affirmative Action Employer fully dedicated to achieving a diverse faculty and staff; applications from qualified women and minority candidates are encouraged.

POSTDOCTORAL POSITION in Brain Targeting/Cancer Immunology

A position (two years) is available immediately in the laboratory of Ulrich Bickel, M.D., Department of Pharmaceutical Sciences, Texas Tech University Health Sciences Center at Amarillo. Our group focuses on blood-barrier transport mechanisms and drug delivery. The successful applicant will work on an innovative new project exploring the targeting of breast cancer metastases in brain using a novel type of monoclonal antibody (J. Cell Physiol. 225:651-657; J. Immunol. 186:3265-3276) funded by the DoD Breast Cancer Research Program. Candidates with background in pharmacology/pharmaceutical sciences or related areas and with hands-on experience in pharmacokinetics, pharmacodynamics, biochemical and/or histological techniques, including (confocal) fluorescence microscopy are preferred. For more information about this position and to apply, visit our website: http://jobs.texastech.edu. Equal Opportunity Employer/ Affirmative Action/ADA.

The University of California, Irvine (UCI) is continuing its recruiting initiative in Systems Biology.

One position is available this year, for which candidates with a Ph.D. in Systems Biology, including modeling, mathematical and computational biology, biological networks, regulatory dynamics and control, spatial dynamics and morphogenesis, and synthetic biology. Applications are being solicited at the ASSOCIATE and FULL PROFESSOR level, and appointment can be made in any of several departments, including Developmental and Cell Biology, Molecular Biology and Biochemistry, Ecology and Evolutionary Biology, Bioinformatics, Biophysics, Computer Sciences, and Physics. UCI is an Equal Opportunity/Equal Access/Affirmative Action Institution.

Applications at the ASSOCIATE and FULL PROFESSOR level will also be considered, with appointment being subject to the availability of funds. The successful applicant is expected to conduct a strong research program and to contribute to the teaching of undergraduate and graduate students. Systems Biology research and training at UCI is fostered by several interdisciplinary research units, an NIGMS National Center for Systems Biology, and Ph.D. training programs in Bioinformatics, and Mathematical and Computational Biology (for more information, see website: http://cbs.uci.edu). Applicants should submit a letter of application, curriculum vitae, bibliography, three letters of reference, and statements of research and teaching interests using the online recruitment system (see instructions at websites: http://cbs.uci.edu or https://recruit.ap.uci.edu, under “Institutes and Centers”). To receive full consideration, material should be received by December 3, 2012.

The Department of Pharmacology and Cell Biology of the University of California, Irvine is an Equal Opportunity Employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women and minorities. UCI is responsive to the needs of dual career couples, is dedicated to work-life balance through an array of family-friendly policies, and is the recipient of an NSF ADVANCE Award for gender equity.

ASSISTANT PROFESSOR of Biology (Microbiology and Immunology)

The Department of Biology at Wheaton College (IL) seeks candidates for a full-time, tenure-track position at the Assistant Professor level to begin August 2013. A Ph.D. in microbiology, immunology, or closely related field is required. Postdoctoral experience and experience in bioinformatics are preferred. The ideal candidate will be committed to teaching, maintaining active research programs, and mentoring students in spiritual and personal growth.

Review of applications will begin December 15, 2012, and continue until the position is filled. Interested persons should send curriculum vitae, a description of the applicant’s teaching philosophy, research interests, and a cover letter that addresses his/her mission fit with Wheaton College, to: Dr. Jennifer Busch, Chair, Department of Biology, Wheaton College, 501 College Ave., Wheaton, IL 60187, or to e-mail: jennifer.busch@wheaton.edu. Application materials will be sent to eligible candidates.

Wheaton College is an evangelical Protestant Christian liberal arts college whose faculty and staff affirm a Statement of Faith and Creed. Wheaton College is a member of the U.S. College Community Covenant. The College complies with federal and state guidelines for nondiscrimination in employment. Women and minority candidates are encouraged to apply.

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